









# Part 1 — Introduction

# Nostradamus Proven: The True Prediction for the Destruction of New York City

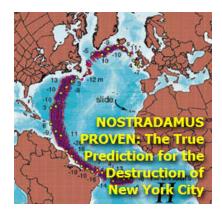
YOWUSA.COM, 23-October-2007 Marshall Masters

- Lock Offers Solid Proof
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Millions of Americans living along the East Coast are in the cross hairs of a deadly La Palma mega-tsunami threat. Scientists warn us that we face a clear and present danger. Their evidence is clear and compelling, and now, there is more. A new analysis of Nostradamus demonstrates that he predicted this impending calamity with equally clear and compelling precision.

We are presenting this alarming Nostradamus - La Palma Mega-tsunami analysis by Professor Chris Lock, Ph.D., making it available in the hope it will help spur Western governments into action, and we're not alone. NOVA, DISCOVERY, NATIONAL GEOGRAPHIC and many more reliable sources are also sounding the alarm.

There is still a modicum of time to alleviate or prevent this impending catastrophe. To waste it on inaction or pointless debate will cost millions of lives, because nature's countdown clock is ticking away!



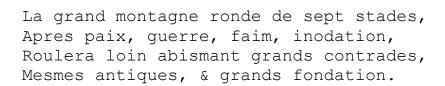
# Lock Offer Solid Proof that Nostradamus Predicted a La Palma Mega-Tsunami

In June of this year, Professor Lock offered himself as a guest to be on Marshall's Cut to the Chase Internet radio show, with the purpose of talking about his La Palma Mega-tsunami research.

A British-born Language professor in Japan, his analysis of the Nostradamus quatrain unequivocally demonstrates that Nostradamus was both prescient and clear and in his prediction.

Michel de Nostredame (Nostradamus) 1503 - 1566

Les Propheties 1840 Bareste Edition C1:Q69



The great mountain, seven stadia round, after peace, war, famine, flooding.

It will spread far, drowning great countries, even antiquities and their mighty foundations.

The key to this analysis is the term "seven stadia" used by Nostradamus. It is an ancient Greek and Roman unit of length, and the Athenian unit is approximately 607 feet (185 m).

This use of an ancient measurement of length by Nostradamus is what first caught Lock's eye. This is because language is his field, and he holds a Ph.D. in Semiotics from the Pacific Western University.

Fully fluent in Japanese, he is a full time professor at the Osaka University of Arts in Osaka Japan, where he teaches ESL (English as a second language).

When he formed the connection between this quatrain and the science of La Palma, the result was a gut-wrenching kachink. When you download the freely available Nostradamus Proven eBook or eDoc from this page, you'll feel it, too.



# **How New York Will Be Swept Away**

Professor Lock's analysis demonstrates a clear and present danger to America's East coat, from Maine to Florida, because it echoes the warning of the nation's leading broadcast and cable television networks.

They're sounding the alarm and telling us exactly how this will happen!

# National Geographic End Day: Mega-Tsunami

If La Palma encounters a catastrophic flank failure, an immediate and massive breaking off of the island into the ocean, scientific models predict the mega-tsunami will move outward in an arc, hitting the African mainland with 150-200 foot (46-61 meters) waves.

## Discovery Channel

Extreme Earth: Earthquakes

Some geologists are predicting that the volcano on La Palma in the Canaries could explode at some time in the future. The result would send a mega-tsunami 500 metres high across the Atlantic, which could engulf parts of the UK.

# NOVA (PBS)

#### Wave That Shook the World

The western flank of the island's active volcano has the potential to give way in a future eruption. If it did, a huge mass of rock weighing 500,000 million tons would fall into the Atlantic Ocean. Experts in Switzerland have simulated the potential effects of such a collapse. Their model shows that it could generate a wave capable of engulfing every port on the east coast of the U.S., which they believe may have happened during a similar tsunami 120,000 years ago.

Before you succumb to the science-illiterate debunkers and naysayers, consider the fact that these organizations vet their information with careful attention, using considerable resources.

Better yet, take advantage of our free Nostradamus eBook download to vet this yourself — while there is still time!

## **Contents and Notice**

The content in the Nostradamus Proven eBook and eDoc is freely available to the public for personal use only. Both variants contain the same exact content, with one difference. The eBook is view-only, and the eDoc version (provided for subscribers) can be both viewed and printed.

The Nostradamus Proven eBook and eDoc are divided into the following three parts:

- Part 1 Introduction by Marshall Masters: A reprint of this article.
- Part 2 The False King of Terror Prophecy: This part contains an academic paper authored by Professor Lock in 2004, titled "Nostradamus: Century 10 Quatrain 72 Fully Deciphered and Interpreted." This paper establishes Lock's research method with a wholly consistent analysis of the famous King of Terror prediction (C10:72) that is often misapplied to the 9-11 attack.
- Part 3 The True Seven Stadia Prophecy: This part contains an academic paper authored by Professor Lock in 2007, titled "Geological Science and Nostradamus: Catastrophic Mega-Tsunami." This paper is based on the science presented by NOVA, BBC and The Discovery Channel and uses the research method presented in Part 2 to form a clear and unequivocal analysis of the Nostradamus La Palma Mega-tsunami prediction in C1:Q69.

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In the process of soliciting us for a radio interview, Dr. Chris Lock provided us with copies of two academic papers he authored, which are now contained as-is, in the Nostradamus Proven eBook and eDoc.

After we reviewed the academic papers, we were greatly impressed by his analysis and expressed our enthusiasm to him. In response, he asked us to waive our fair use educational rights and to suppress this knowledge, as he now wishes to include it in a book, which he hopefully intends to publish in early 2010.

As a matter of public record, we see this as a severe public safety issue, and time is of the essence. Furthermore, our stated mission is to save life, and as American citizen journalists, we make much of our work freely available.

We cannot in good conscience ignore the safety of millions of Americans by accommodating his request. Therefore, we are rightfully publishing this timely knowledge as-is.

We sincerely wish Professor Lock good fortune in his future publishing endeavors.

—Marshall Masters

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Part 2 – The False King of Terror Prophecy

# Nostradamus

# Century 10 Quatrain 72 Fully Deciphered & Interpreted



Fig. 1. Gravure of Nostradamus by Jean Boulanger (1608-1680)

bv

## Christopher Lock PhD

Osaka, Japan.

December 2004

#### Introduction

Insights from Nostradamus' cultural climate, and an understanding of his unique utilization of language and arcane culture help to decipher the seer's most famous quatrain of his *Propheties* centering on July 1999: Century 10 Quatrain 72 (hereafter C10Q72). It is ironic that this quatrain of uncommon good news has been so misinterpreted as to become the defining signature of Nostradamus' epithet as the world's greatest prophet of doom. It is hoped this paper will finally put the record straight.

Previous English translations by Leoni, Roberts, and others, reflected their personal preconceptions and beliefs in an apocalyptic doomsday end-of-the-century world war. This interpretation and paper, by contrast, reveals, through an awareness of the culture and language of Nostradamus' days, the actual decipherment and an altogether different interpretation: one of a warning coupled with great scientific progress, success, and celebratory news. It returns to the original French C10Q72, what Nostradamus wrote, and presents the deciphering and completely new interpretation from there.

This paper is the final development from two previous, unpublished short papers on C10Q72 by the author that made major breakthroughs but still contained minor errors (Lock 1998, 1999). Those papers were circulated internationally to over 50 people, among them, researchers and university professors on Nostradamus in England, and renowned researcher David Ovason, author of the scholarly *The Nostradamus Code* recommended for further insights into the Green Language employed by Nostradamus.

The distinguishing feature of C10Q72 is the specific date of occurrence given. It is one of the few quatrains in which Nostradamus directly gives a date. One conclusion of this paper is that Nostradamus' limitations through language and culture—despite direct intent through a life-long purposeful obfuscation and indirectness in all his writings—made inclusion of the date necessary for the quatrain to be correctly deciphered. Another reason is that 'July' is a key term repeatedly occurring in hidden details revealed within each and every line of the quatrain, as well as the starting and finishing times of the quatrain: July 1997 and January/July 2004. World news reported from July 1997 up to January/July 2004—the final event in the final line of the prophecy—doubly confirms the decipherment.

We do not have Nostradamus' actual written words for the quatrains; but the original editions available have sufficed to establish Nostradamus accurate prophetic abilities over the centuries. Only a few copies of the original nine editions of Nostradamus' *Propheties*, published in Nostradamus' time exist. However, a few reliable edited copies and useful facsimile editions exist. These copies have their differences that often amount to just one or two different consonants, which do not often change the reading or general meaning. Fortunately, those for C10Q72 in the French translations differ little. Ovason, whose scholarly work and findings shall often be cited in this paper, has "consulted as many of the

early works as were available" to attain a reliably accurate translation of Nostradamus' Prophecies (505). He apparently uses the Adyar Edition (1936) reprint of Jansson's 1668 Amsterdam edition of Les Vrayes Centuries et Propheties de Maistre Michel Nostradamus. Printed within a century of Nostradamus' demise it is generally regarded as the most impressive edition, and a reliable edition of the original for modern scholars (504). The "original" French we have is interpreted, with slight variations, from the Old French and Latin (Leoni), and the near late-medieval French and somewhat unique language and linguistic methods—The Green Language and arcane cultural terms—employed by Nostradamus, and others of his time (Ovason).<sup>2</sup> The French translation used in this paper is by Ovason (460), with comments on Leoni's version (434).

Twenty GL techniques, published by Ovason, are listed for their possible relevance and significance to C10Q72 and discussed where applicable. Despite largely relying upon Ovason in this respect, and despite Ovason's excellent research into Nostradamus' arcane language and culture, I offer an interpretation quite different from his by identifying the quatrain's theme, and presenting the first ever complete deciphering. Although independently arriving at similar findings in some of the quatrains hidden meanings, acknowledgement is given Ovason for his GL contributions in *The Nostradamus Code* that confirm many of this paper's findings. <sup>3</sup>

Research began following a Takeshi Kitano hosted Japanese television program in November 1998 asked whether the satellite Cassini was the feared "King of Terror". Cassini was causing fear and demonstrations in French cities. Demonstrators claimed the plutonium it carried represented a terrible danger to the Earth on its swing-by if it were to reenter the earth's atmosphere.

The resulting decipherment and interpretation are presented after introducing and discussing the cultural climate and arcane language of Nostradamus' day—notably the Green Language (hereafter GL)—and their usage within, and effect upon, the deciphering of Nostradamus' quatrains.

#### Cultural and arcane language and climate

The mid sixteenth century witnessed the High Renaissance in Italy; and by contrast, pious Christianity and the legalized murder and barbarous burning alive of people tied to the stake at the hands of the infamous Inquisition. In France the reign of terror was in full swing against the estimated 100,000 witches of the time, with genius Jean Bodin performing many of the notorious legalized murders. Examples exist of death sentences having been based on final "convincing evidence" of a Hebraic text or two discovered in the house of the accused. These incidents reveal discriminatory attitudes against people and things Jewish or Hebraic, and danger to Nostradamus, a Jew, and Master of alchemy,

astrology and arcane language and linguistics, who was holding a position of preeminence among his peers.

Documented research shows Nostradamus was undoubtedly of Jewish heritage, but in Provence, France, Jews had been expelled if not converted to Catholicism so he was baptized a Catholic. His disciple Chavigny had denied his Jewish origins, and his son, Cesar, who was somewhat of a sixteenth century yuppie, had gone to lengths to disguise his family's origins for a more socially successful image of the times. Many biographers claim Nostradamus was ordered before the Inquisition in 1534, though Ovason says this is unlikely and documentation is sparse for the time (44). But, it was a time of discrimination against Jews.

There were a number of occult doctors at the time, some held in the highest regard. Paracelsus was one. He was also an alchemist, as was almost anyone involved in the sciences. In fact, alchemists often were the great scientists and mathematicians of the era;



Fig.2. Paracelsus:

Front cover illustration: *PARACELSUS, Five Hundred Years: Three American Exhibits.*Jones, P. and R. P. C. Rogers. U.S. National Library of Medicine.

but their love for the esoteric and arcane culture often lead to real problems with the authorities, be it Catholic church or state. For failing to turn lead into gold, for example, alchemist Bottger was imprisoned; yet within a few years made history by producing the first porcelain outside China, which quickly evolved into Europe's great Meissen porcelain.

Alchemy, the science of the ethers was not strictly a physical science. It was an esoteric transformational model of spiritual and scientific endeavor, not for public dissemination. The popularized and erroneous image of alchemy as a mere science for turning physical mercury into physical gold is only recently being disclosed as a popular centuries-long misunderstanding. The alchemist's mercury was/is the "lower metal" meaning "lower human nature", and the "high gold" the inner "spiritual gold" of the spiritual human being. The transmutation of substances was the transmutation from the lower mercurial nature of mankind to his/her higher spiritual golden nature. As Goddard points out in *The Tower of Alchemy* the "drop of molten gold" or "solar drop" is the Inner Light, the Divine Immanence (34). The primary transformation is, and was, for the human being. The Catholic religion however, apparently saw expressions of these transformational endeavors as contrary to its saviourship model and vigorously opposed and fought them.

Alchemy has also been called the transmutation of time, and there is also an astro-alchemy (Weidner and Bridges 134-139). Weidner and Bridges give a treatise on alchemy as the unified nature of time, alchemy, astrology/astronomy and prophecy, suggesting it to be "the core unitary philosophy of the ancient sacred science" and that alchemical transformation brought forth intuitions demonstrably predicted in the stars (240). Alchemical inner transformation preceded outer transformation, but for the prophet alchemy was said to be "the combination of inner and outer transformation coordinated by the transformational quality of time itself" (Weidner and Bridges 240). Seen in this light it is easy to see how confusion over alchemy abounded, and still does.

This confusion was compounded by lesser alchemists' attempts to convert literal mercury into literal gold. But as alchemists philosophically "knew" that according to old, arcane esoteric laws 'everything is contained within everything else', some gold should have been in mercury--and everything else. Scientists today might laugh. Yet, recently a venture company successfully demonstrated a rather simple process for extracting gold from sea-water, and having proven the process works and the project commercially viable, has obtained financial backing (Stansberry). Renaissance Alchemists might smile.

Alchemy is also sometimes synonymous with *argot*—the more sculptural GL--and associated with the Greek mythology of the Argonauts. The star constellation of Argo Navis crops up a number of times in medieval alchemical imagery (Weidner and Bridges 134). Alchemy was steeped in the visionary codes of the GL, which in literature presented language blinds to disguise real meanings.

The Catholic church was in an unusual and uneasy position with regards the arcane. It understood, even used, some of its imagery. Conversely it often did not understand encoded meanings held within alchemical symbolism. Alchemy in literature and writing was not as

prolific as the oral, encoded pictorial, or sculptural traditions; and Nostradamus was one of the very few writers of prophecies who actually wrote alchemical symbolism into his prophetic quatrains (Ovason 88-89, 254-261; Q9C44).

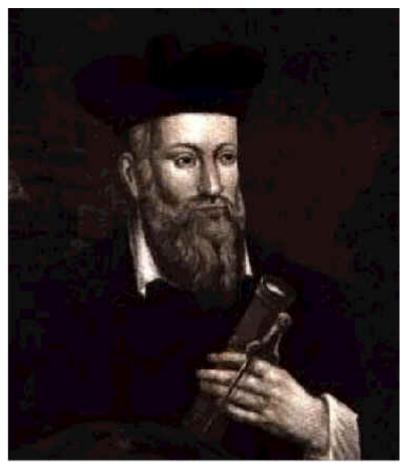


Fig. 3. Nostradamus 1503 - 1566 (http://www.crystalinks.com/nostradamus2.gif).

Nostradamus was born on 14 December 1503 and lived to the then advanced age of 62. The name "Nostradamus" is an unusual Latin encoded version of Notre Dame. His inherited family name, Nostredame, meant "Notre Dame", "Our Lady" or "Our Mother" (Fulcanelli 69). Michel de Nostradame had adopted or changed his name to Nostradamus by the time he first published his quatrains in *Propheties* (circa 1545-55), and, as Ovaton suggests, the name may indeed be encoded with GL meanings. The word 'damus' meaning "we give" and 'nostra' meaning "our feminine", the name can, in the arcane tongue, mean, "our feminine we give" (Ovason 518). The feminine in GL terms is, among other things, 'the divine', 'spiritual' and 'intuitive'. I would go even farther and suggest the entire name may well be encoded. Michael, as Ovason reveals, in arcane lore is the good, most powerful archangel, who, in esoteric circles, is opposed by the well-known ruler of Time: *Ahriman*.

Michael could then, stand for triumph over the rule of time. The name Michael Nostradamus then means, "overcoming the rule of time" by "giving our spiritual intuition," or "Revealer of Time through Divine Intuition." It could suggest Nostradamus knew at an early age that his spiritual mission was to be a revealer of times, or perhaps his guardians intuited such. Or perhaps more mundanely, Michael being a popular name, it was just coincidence.

The archangels cited above may well be a key to deciphering the meaning of *grand Roy* in C10Q72. Abbot Trithemius, a respected Master of the arcane in the early sixteenth century named the planetary archangels who governed history and ruled the planets in 1522. Significantly for this study, each archangel ruled a planet. In the sixteenth century, in arcane writing and culture, and with Nostradamus, every planet had its ruler and sovereign.<sup>4</sup> This matter of prime importance will be returned to later.

Astrological practice itself did not concern the Catholic church much during these times. Cheap astrologers were commonplace. The Vatican even had its own astrologers that were consulted over important matters like territory or wars. It needed advisers; and was fearful, as was everyone, of the Islamic Ottoman Empire presence in Eastern Europe, which continually threatened the tenuous security of central Europe. This Turkish empire "reached its zenith under Suleiman in the mid-sixteenth century dominating the eastern Mediterranean" ("Ottoman empire"), just as Nostradamus was publishing his *Propheties*.

Nostradamus became by far the greatest sixteenth century Master of astrology, encoding within his quatrains astrological conjunctions or calculations surpassing the capabilities of all sixteenth-century astrologers (Ovason). They implied knowledge of planetary ephemeris not known until a few hundred years later; and Nostradamus alone used astrology to predict distant future events. How, remains a mystery. His astrological knowledge excelled the extraordinary: it was inexplicable and unique.

An astrological touchy area, however, was that of mundane astrology. This predicted the revolutions of cycles and changes in governance, religions etc. The idea of it predicting the birth and decline of religions was anathema to the Catholic church. Yet it was precisely in the area of mundane astrology that Nostradamus excelled as an adept. It could be one reason for his encoding, making events and meanings clear only after their occurrence, thus protecting him from possible charges of heresy by the Inquisition. A guiding esoteric precept may also explain why Nostradamus felt obfuscation necessary.

The precept advises it better people not know in advance the exact details of an *irreversible* bad future event. If unavoidable what is the point of warning? If believed it will likely cause the subject/s to become fearful, enter a negative state of mind, and thereby result in additional negatives. Thus such negative prophecy would merely create other negatives. Nostradamus may have had his own stunning example when he published a

prediction, four years prior to its occurrence, foretelling the piercing of the eye of King Henry II with a lance on the jousting field resulting in the king's cruel death (C1Q35). Nostradamus' published graphic depiction left some accusing--or abusing--him of doing the devil's work. The gruesome event, its inevitability, and resultant negative responses would likely have caused considerable self-reflection for Nostradamus. It would be different if the prophecy were a warning of something avoidable; but Nostradamus foretold of things that would happen: they were destined to happen. So this could be another reason for Nostradamus' manifold obfuscation, encoding meanings behind astrological, arcane, alchemical, and language blinds. It would prevent interpretation before the event, ensuring the best possible outcome for all involved, savant and subject/s.

As long as he utilized deep encoding then, by the time he published his *Propheties* around 1545-55, Nostradamus had not much to fear on the astrological front. However, his prophetic writings being decoded or deciphered *en mass*, and especially his Jewish roots, must have been of considerable concern for him. If his Jewish roots were disclosed he would probably have been compelled to leave France; a country he obviously felt much for and was extraordinarily sensitive to. Nostradamus' prophecies very often concern France, and it will be shown, French people figure high in the events within the famed C10Q72.

#### Languages and Green Language (GL) influences

The well-educated Nostradmus traveled throughout Europe. He had some command of Greek, Italian, Hebrew, Arabic, and Latin in addition to his native French. His Greek and Latin coupled an understanding of mythology, arcane texts, and ancient mystery traditions. In his quatrains Nostradamus used them all, including their—and his own-grammatical constructs. These make, his obscure medieval French writing that was uncommon even in his day, as difficult for the present day French to understand as anyone else. French scholars have translated the quatrains into modern French. Others have proposed interpreting them into Latin and back into French to help explicate their encoded meanings and obfuscation (Ovason).

It may not have been essential for Nostradamus to engage in this obtuse style of linguistics. He used it in his everyday horoscope writing too, revealing that it was his essential nature to be obscure in language. It was obscure to his contemporaries. Many examples of sixteenth-century tongue-in-cheek remarks concerning Nostradamus obscure literary style survive. The way he wrote was his way in life. Master teacher that he was, it perhaps befitted him to present tasks, riddles or puzzles rather than answers. The latter being for the acolyte to unravel, discover and find.

The Latin and Greek he used in the quatrains are as obtuse in usage as his French. All the various linguistic forms are played with and modified or disguised utilizing the GL. This GL used by many of Nostradamus' contemporary linguists throughout Europe, comprised certain literary techniques, linguistic codes and puzzles, like anagrams, which were occasionally enjoyed, perhaps as we might enjoy a crossword puzzle. The variations were legion. It could be argued that this experimentation, even fun, with elastic literary techniques set the stage for the flowering of English literature that, a few years after Nostradamus demise, bloomed into the splendor of Shakespearean literature (1564-1616).

The fun role of the GL though, was doubtless minor. Fun for common folk depended upon the writer's open intent and comprehensible usage of linguistic forms and techniques, not usually the techniques of encoded arcane writing. This encoding with language, literary devices, and imagery in alchemy, was the ancient, arcane, esoteric GL.

The GL goes by many names, including, the Language of the Birds, the Language of Light, "the art of light", and argot. Fulcanelli says argot is a version of Art Gothique or argotique (42), which reached its apogee in the late gothic period. It was also a Gnostic language; a language of "knowing" and transformation, putting it at odds with the Christian concept of faith and saviourship. The GL, like everything for students of the arcane, had its own life. To cite Fulcanelli, "Language, the instrument of the spirit, has a life of its own—even though it is only a reflection of the universal idea.' This Gnostic meta-linguistic mysticism is the core not just of alchemy, but of illumination itself" (qtd in Weidner and Bridges 135). This alchemical, argot, GL was an ancient yet evolving form of linguistics in the sixteenth century. Master alchemist Fulcanelli defined it simply as "a language peculiar to all individuals who wish to communicate their thoughts without being understood by outsiders" (42). This may explain why no books exist on the literary GL.<sup>5</sup> However, it was the arcane language, knowledge and culture that Nostradamus and his contemporaries knew and used.

**GL techniques** are used in the famous C10Q72. The following is a brief list from Ovason of twenty of the GL's more easily comprehensible linguistic features (526-542):

Anagram. transposing the letters of a word to form another word or phrase.

Anastrophe: reversing of a word.

Antonomasia: substitution of an epithet for a proper name.

Aphesis: omission of first letter or first syllable.

Apocope: omission of last letter or last syllable.

Arcane association.

Archaizing: use of old terms to denote things and places.

Epenthesis: adding a letter or syllable to the middle of a word.

<u>Homonyms/Homophones</u>. Words spelled/sounding the same having different meanings.

<u>Hypallage</u>: transference of epithet from appropriate noun to modify another to which it may not really belong.

<u>Hyphaeresis</u>: omission of a letter that would otherwise make a complete word.

Iconomatic: a word intended to be read as a rebus e.g. 'the bear' for Russia.

<u>Invention</u>, a new word lightly connected with an existing word. Includes homophonic spelling.

Metathesis: interchanging consonant sounds to produce different, relevant words.

Metonym: an attribute of a thing/person to denote the thing/person.

Paragogue: adding a letter or syllable to the end of a word.

<u>Protothesis</u>: adding a letter or syllable to the beginning of a word.

Rebus: a riddle by which letters or sentences are read in terms of phonetics.

Syncope: an abbreviation, larger abbreviations than Apocope.

Synecdoche: a part that represents the whole, e.g. city to denote a country.

It will be shown that in C10Q72 some of these techniques are used--as Nostradamus often used them--in conjunction, not merely singularly. The changes, additional letters etc. are in turn often arcane symbols further enhancing the intended meaning or message, adding another layer or depth of relevant meaning or detail. One encoded word could stand for several other words or an entire phrase. Symbolism is a language of sublime economy. Master alchemists, astrologers, and students of the arcane, Hermetic, Gnostic, and esoteric traditions were familiar with these GL techniques, and their utilization, but Nostradamus utilized them with a mastery, few if any, could emulate.

Having briefly discussed the cultural, and linguistic backdrop to the sixteenth century, and having briefly introduced Nostradamus' use of language encoding and obfuscation, C10Q72 will now be deciphered and interpreted utilizing this knowledge where applicable.

#### Deciphering and interpreting C10Q72

Le Robert & Collins Dictionnaire Français-Anglais English-French is used to double-check all translations of the French lexicon to English and English back to French. The following is the original French according to Ovason (460). Leoni's version is identical except for cent instead of cens, Roi for Roy and a double s in resusciter (434).

L'an mil neuf cens nonante neuf sept mois Du ciel viendra un grand Roy d'effrayeur Resusciter le grand Roy d'Angoulmois. Avant Apres Mars regner par bon heur. The respective English interpretations of Ovason (460) and Leoni (434) follow, and are discussed line by line for accuracy and appropriateness with respect to Nostradamus' literary usage and GL together with my own deciphering and new interpretations. World events in transition at the times are covered, confirming this paper's deciphering:

The year one thousand nine hundreds ninety nine seven months
From the sky will come a great King of alarm
To bring back to life the great King of Angoulmois.
Before and after Mars to reign by good fortune.

The year 1999, seventh month,

From the sky will come a great King of Terror:

To bring back to life the great King of the Mongols,

Before and after Mars to reign by good luck.

The first line details are readily confirmed in any French-English dictionary. Ovason, Leoni, and I agree: The date is July 1999.<sup>6</sup> Nostradamus has to be forthright with the date here in order for us to decipher the quatrain's hidden meanings. (See below.) The 'seventh month' must be at the sentence end as it specifically relates to *Angoulmois* (see below) with which it also rhymes in the original French. Significantly no punctuation follows *mois* in the original. The first line then is confirmed as:

#### The year 1999 seventh month

Nostradamus perhaps realized that his arcane descriptions to follow might make little sense to us in this quatrain, because he is using arcane terminology to refer to objects of a future high science—a possible example of GL archaizing. He begins speaking of them in line two.

The second line begins with *Du ciel viendra*. *Du ciel* means 'the sky' or 'the heavens'. Surprisingly, Ovason and Leoni just interpret it 'the sky' giving no reasons, despite the fact Nostradamus has used *ciel* to denote 'the heavens' or 'heaven' in other quatrains. *Viendra* all agree means 'will come'. *Grand* actually means 'high', 'big' or 'tall', yet Ovason and Leoni interpreted it to read 'great', probably because they are unaware of the fact Nostradamus is talking about something that 'from the heavens will come' 'high up'. The 'high' and 'the heavens' repeat the concept of 'high'. This repeating is a technique Nostradamus often uses. It often confirms the interpretation. *Roy*, a homophone of the French *Roi*, means 'King' or

'Sovereign'. It will be shown that homophones/homonyms are an exceptional feature of this quatrain. Ovason interprets *un grand Roy d'effrayeur* "a great King of alarm", while Leoni gives us his "a great King of Terror." *Un* means 'a'. Of the two only Ovason interprets the solitary capital *R* correctly. But what King is this that Nostradamus capitalizes?

We know that He/It 'from the heavens will come' in 'July 1999'. Only one thing was coming towards us from the heavens in July 1999: the satellite Cassini, which has a capital C. Cassini was 'coming to' the Earth, for its swing-by to pick up momentum on its way to Saturn, only in July 1999. By August it had arrived and was leaving, no longer coming. But would Nostradamus call the Cassini satellite a King? Of prime importance here is the fact that Nostradamus had no terminology or concept whatsoever for what we call satellites.

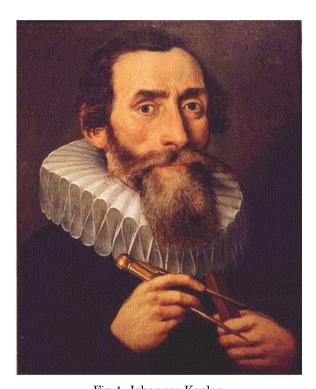


Fig.4. Johannes Kepler

(first coined the word *satelles* in 1611, some 46 years after Nostradamus' demise).

(http://www.kepler.arc.nasa.gov/johannes.html).

The word *satellite* was not in use in English until 1665, a century after Nostradamus. Astronomer Kepler first coined the term in 1611 in the Latin form *satelles* to describe the moons of Jupiter, some 46 years after Nostradamus' demise ("satellite" *Online Etymology Dictionary*). Moons are satellites, as is any "celestial object which orbits a larger one" ("satellite" *Shorter OED*). But for Nostradamus and all familiar with the arcane GL, all heavenly, or celestial, bodies—including our satellite moon-were personified rulers, sovereigns, royal beings, archangels or Gods and Goddesses. These royals were, therefore,

always capitalized, and they still are.

The moon—a satellite--was actually ruled by, or synonymous with, Gabriel; and the sun ruled by, or synonymous with, Michael. This planetary arcane mystery lore goes back to Babylonian times, when planets were seen "as each specifically embodying their Gods and Goddesses." Astro-historian Nicholas Campion informs that this "Mesopotamian philosophy, which carried well into Classical Greece, Rome and the Renaissance, was that the whole universe was alive, including the Earth and planets" (Mystery Channel). This astro-cultural philosophy was alive not only in Nostradamus' time: "This ancient idea of the planets as forces with distinctive personalities and effects is still the cornerstone of astrological belief and the basis on which horoscopes are constructed" today (Campion).

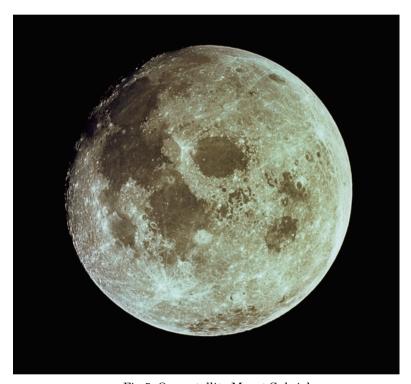


Fig.5. Our satellite Moon: Gabriel. (http://nssdc.gsfc.nasa.gov/imgcat/hires/a11 h 44 6667.gif).

The only known satellites in the sixteenth century were moons--Galileo discovered three or four others to add to our own moon; but there was no linguistic term for them in Nostradamus' days. Satellites and planets were synonymous in the sixteenth century. They were one and the same: personified heavenly rulers and sovereigns. The planets and our satellite moon were rulers in an astrological sense too. They ruled the houses within a horoscope. What could Nostradamus call these personified sovereign rulers other than Kings? It was the best, if not the only, vocabulary item available for his use. The word *Gods* might tempt fate with the Catholic church, and with millennialism very much alive in the

sixteenth century, would suggest the return of Christ—a direct, emotionally charged connotation Nostradamus would have wanted to avoid. The sun is ruler of the day; the satellite moon is the ruler and light, of the night. Medieval etymology sheds more light.

The words king, sovereign and ruler are all etymologically linked. Sovereign is derived from the Medieval Latin just prior to Nostradamus' time, that he used. A sovereign is, etymologically, 'above' others (s-over-reign), and comes via the old French souverein meaning 'ruler'. It is a descendant of the Vulgar Latin 'superanus' derived from the Latin preposition 'super', again meaning 'above' (Ayoto 491). The Germanic ancestor of king was kuningfgraz apparently a derivative of kunjam meaning 'race, people.' This would make King etymologically an, 'offspring of the people' (Ayoto 313). Thus in using the word King for satellites Nostradamus' shows they are synonymous with personified planetary or planetoid rulers; but he also gives, the relevant confirmatory meaning of satellites: the man-made scientific 'offspring of the people'. Nostradamus perhaps marveled at these new



Fig. 6. French astronomer Jean Dominique Cassini (1625-1712).

heavenly rulers—over and above us—that are offspring of his progeny. For Frenchmen play key rolls in lines one to three of C10Q72.

The satellite in line two is clearly looking to be the satellite Cassini, named after the

great French astronomer Jean Dominique Cassini (1625-1712), the first director of the Paris Observatory who discovered several of Saturn's satellites and its major ring divisions

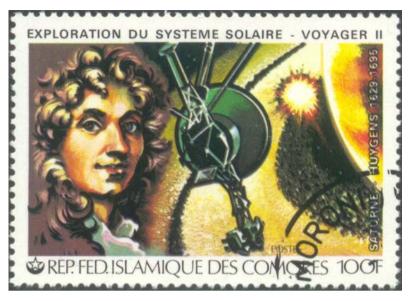


Fig.7. Christiaan Huygens (Dutch 1629-1695) and Saturn postage stamp.

The Cassini satellite took on board ESA's probe Huygens, named after the Dutchman Huygens (1629-1695) who spent many years in France, and became a founding member of the French Academy of Sciences in 1666—a date Notradamus famously foretold of. Huygens discovered Saturn's satellite moon, Titan in 1655. As we see he gave it the name



Fig.9. Titan: Large satellite of Saturn (Hamilton, Galvin 1998).

of the arcane pre-Olympian gods, as befitted the time. According to the *OED of Classical Myth and Religion*, "There is no plausible etymology [for Titan], unless once it meant 'king'" ("Titan"). The Titans were the giants, the great ones of old.

Titan is a large moon/satellite of Saturn. Cassini became the Cassini-Huygens mission and in January 2005 a robot will land on this satellite, Titan, a great or high king, a *grand Roy.* Cassini became the Cassini-Huygens mission and in January 2005 Huygens will land on Titan—the first ever landing of a satellite on an outer planetary body.

Cassini also arrived at its destination, Saturn, in July 2004. Of course, Mars, Saturn, Jupiter and the sun's other satellites retain their original royal names today. Etymologically "Monday" is moon day (Ayto 353) and is probably derived from the phoneme "me" and related to "measure" and "month". The moon giving us the measure of the monthly cycle "moon" would not have been a good term to use to refer to man-made satellites.

Underscoring the importance of things French in the quatrain is the fact that French discoveries are the foundation of the Cassini satellite exploration program, but first a look

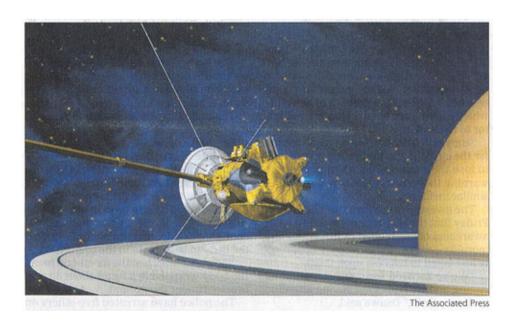


Fig. 8. Cassini-Huygens at Saturn. (*The Daily Yomiuri* 26 Dec. 2004).

at *d'effrayer*. Does this term adequately describe the satellite Cassini, thus confirming the interpretation?

Effrayeur is now translated as 'to frighten' or 'scare' rather than 'terrify'. However effrayeur in Old French did mean 'terror' (Leoni 434). Effroyable means 'terrible', but as in

a terrible accident, disaster or poverty conditions. Did Cassini constitute such a threat?

Professor Grossman of New York State University quoted NASA in a report to the Hague in May 1999 saying the 72.3 pounds of plutonium dioxide on board Cassini could have broken up, if making an "inadvertent reentry", and according to NASA in its "Final Environmental Impact Statement for the Cassini Mission" 2,300 fatal cancers could have resulted; and if it had rained down on urban areas plans were to "demolish some or all structures" and "relocate affected population permanently", and if it had fallen on Agricultural land "relocate animals and "ban future agricultural land uses" (qtd in Grossman 9905, *The Wrong Stuff*).

Cassini threatened to be a terrible accident, and was at least alarming. French people took to the streets in protest and demonstration against its planned swing-by to Earth. If not terror, fear or alarm of a disaster was in the air in France from Fall 1998 through July 1999. There is, it seems however, an additional meaning.



Fig. 10. Cassini satellite over Saturn's rings (Grayzeck, Ed).

NASA link: http://nssdc.gsfc.nasa.gov/thumbnail/spacecraft/cassini\_over\_rings.jpg 1997.

The homophone *defrayer* can also mean "in the news" or "main topic of conversation" (Atkins et al 183). This certainly fits the description of Cassini, and this news also came through the sky – *du ciel* – via satellite TV and radio waves. Ovason observes that the elided *defrayer* means 'to amuse', or 'entertain', not terror (467). Only some people were actually alarmed, or frightened of a disaster occurring. Despite NASA's documented statement to the contrary, scientists downplayed the alarm and fears, finding this reaction somewhat amusing and entertaining. They stated online that there was a "less than one in a million" possibility of harm or danger (NASA "missioncruise"). They claimed the plutonium, used to generate electricity as a power source, was in "heat-resistant, ceramic form...highly insoluble" and even if Cassini had exploded, there was almost no possibility of the plutonium endangering life (NASA "orbiter"). Which view was correct? This paper need only recognize Nostradamus foretold both responses — and the newsworthiness —

confirming the deciphering. In deciding which word to use: few people were 'amused'; terror was perhaps warned of only; 'fear' would be close, but for the poignant literary significance of its anagrammatic letters 'a', 'r' and 'm' (see below) I elect 'alarm' or 'alarming news'.

The second line may now be interpreted as:

#### From the heavens will come a satellite of alarming news

The third line begins with *Ressusciter*, meaning 'revive', 'to rise from the dead', 'to come back to life'. *Le* means 'the' and *grand Roy* has been shown to represent 'satellite', which will be shown to be another key word of this quatrain. The word "to" that Ovason and Leoni have put at the beginning of line three is absent in Nostradamus' original and is merely an incorrect assumption on their parts. "The" great king in line three is not resuscitated because of "a" great king in line two. The latter in line two is not the cause of the former in line three; they are completely separate events connected only in space and time, July 1999. The initial "to" must therefore be omitted. The lack of punctuation between the second and third lines suggests the same time period. The only question is, what satellite was revived or brought back to life in July 1999? The answer is again explicit: Mir, the Russian satellite/space station.

Originally the Russian government pledged to bring down the ailing Mir in June 1999 ("Work on..."). However, as *The Daily Yomiuri* reported two days later, "Moscow has moved to grant Mir a stay of execution..." and, in July 1999 the successful plans to resuscitate Mir were implemented, and the Progress M-42 "cargo ship docked at the Mir [sic]...bringing food, fuel and equipment needed to prepare the aging space station for unmanned orbiting" thus granting Mir's stay of execution ("Progress Cargo"). The Mir crew of three, including French astronaut Jean-Paul Haignere, finally left Mir in late August 1999. Mir continued to orbit the Earth unmanned ("Last Full Crew...") until March 2001.

So Mir was indeed revived and "resuscitated" in July 1999, and a French astronaut played a role in the drama, adding again to the significance of July 1999 for the French people and nation. This correct meaning of line three will be further confirmed through an analysis of *d'Angoulmois* utilizing Nostradamus' literary and GL techniques.

We see the significance of the name Jean, too. In addition to obviously being acutely aware of the actions of murderous heretic hunter Jean Brodin, Nostradamus' grandfather, who brought him up as a young man, was named Jean de St Remy. Could this be a reason for the name Jean impinging on the mind of Nostradamus? Could he have been psychically aware of the names of the two French science notaries, Jean Cassini and Jean-Paul Haignere, implied in C10Q72? Perhaps these names were also a catalyst for his mind to attune with the Genetic Mind wherein these disparate details coalesced and conjoined in

space and time making the events available for viewing? 8

The most popular interpretation of *d'Angoulmois* is 'Mongols' or 'Mongolia'. The word Mongols in Nostradamus time held a different connotation from our own. Mongols were loosely regarded as anyone east of Eastern Europe and extending to the Chinese border, and China. Noting that the launch pad for MIR, Russian spacecraft, and satellites is Baikonir Cosmodrome in N. E. Kazakhstan very close to the borders of the four Asian countries Kazakhstan, Russia, China and Mongolia we realize Nostradamus used, geographically, a stunningly accurate word. This area is the very heart of what was then considered the land/s of the Mongols. This confirms *le grand Roy d'Angoulmois* is the satellite/space station Mir. Also *un grand Roy* is different from *le grand Roi*. The former is 'a' satellite, the latter 'the' satellite. While there were many satellites orbiting the Earth in July 1999, there was only one space station; a distinction Nostradamus gives us with his usage of *le*. A closer GL linguistic investigation of the word *d'Angoulmois* gives further confirmation.

In French d'means 'de', a contraction of *le*, or 'the'. The French for *Mongol* is 'Mongol' or 'Mongolien' and *Mongolia* is 'Mongolie'. Can sixteenth century Mongolia, 'Mongolie', be derived from *Angoulmois* using GL techniques Nostradamus employed? It can; by employing five of the literary GL techniques Ovason gives, and listed earlier.

First, is the use of anagram to obtain 'Mongoli'. Epenthesis next explains the added central u. This extra u also makes the phoneme ou the same phonetic value as the o alone. Phonetics is a basic GL blind used for disguise that Fulcanelli traces back to the Cabala. This leaves an extra A at the beginning and an extra s at the end. These are examples of protothesis in the former, and paragogue in the latter. The latter paragogue also gives the word-ending mois which, of necessity rhymes with the first line mois meaning 'month.' Their rhyming is a clue to their connection; both events occurred in the seventh month, July. Finally, we need an extra e on the end of Mongoli to complete the word. Its omission is an example of apocope or hyphaeresis. So 'Mongolie' is confirmed an anagram of Angoulmois utilizing GL techniques. Yet, there is even more behind the GL construct in Angoulmois that provides startling detail and confirmation.

Again, in his master work *The Nostradamus Code*, Ovason reveals that the "phrase *Ange OI mois* may be translated into English as: 'the Angel OI month'. This explains the GL capital *A*, and another reason for the ending *mois. Angoulmois* carries two distinct yet relevant meanings. In medieval times the Archangel *OI* was the zodiac ruler of the sign Leo (see more below). Because the Gregorian calendar was not in use in France until 16 years after Nostradamus demise, in his day, each sign represented one month (462), and Leo meant the month of July. Even today, in reference to the zodiac circle, in *Webster's New* 

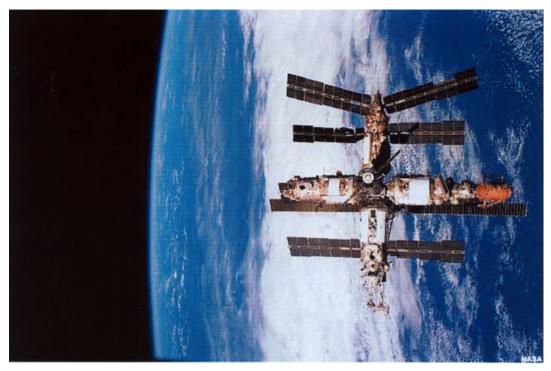


Fig. 11. Mir space station on 29 January 1998 seen from space shuttle Endeavor (NASA).

International Dictionary the zodiac diagram depicts Leo for July ("zodiac" 2659). This gives again the confirmatory month of the resuscitation of Mir: July.

For the final piece of confirmation: The present day astrological period of Leo is from July 23 to August 22. Astonishingly this corresponds almost to the day with the one-month period in which the last Mir astronauts revived the space station before leaving it forever. The Progress M-42 cargo ship docked around 20 July with its supplies for revival and the crew finally fixed things up and left on or around 28 August. They revived it during the month of Leo. <sup>9</sup> Mir finally ended its voyage on 23 March 2001 as it burnt up in the earth's atmosphere and crashed into the South Pacific ("Mir Ends").

Mir, Mars and March have a near Hebraic homonymy (ancient Hebrew omitted vowels), alliteration, consonance and homophonic spelling—GL "invention" technique. This was clearly not lost on Nostradamus, for homophony echoes beneath the surface throughout C10Q72. The list of Mir/Mars homonyms and near homonymic/homophonic associations with this quatrain will be seen to be no less than six: Mir; Mars; Mar(ch); MER (Mars Exploration Rover); MRS (Mars Rover Spirit); MRO (Mars Rover Opportunity). (See below.) The above confirms beyond any doubt that *grand Roy* means satellites in this quatrain. A fact, that despite his invaluable and erudite interpretation on C10Q72, Ovason is yet to realize. The final line of the quatrain will echo this confirmation once again, and, with citations from Ovason, echo the *Ol* Leo/July/seven connection cited above.



Fig. 12. "Mir Ends"

(The Daily Yomiuri Osaka, Japan: 24 March 2001).

The third line can now be interpreted as:

Revival of the Mongolian space station.

The fourth and final line of C10Q72 begins with *Avant Apres*, which Ovason and Leoni interpret as 'before and after'. I concur. However it is worth pointing out that, as Ovason says, *a pres* as an adverb can mean 'almost' and so could mean 'almost immediately before'. Before when? The time established is July 1999. So it is a time not too far prior to 1999. Nosatradamus' quatrains usually follow a theme, and the theme in this one is space and satellites at the close of the twentieth century.

As in line three the word "to" that Ovason and Leoni use in line four is again not present in Nostradamus' original. This is because it is not Mars that reigns, but the subject of this quatrain – satellites, or *grand Roys* and their landed explorers, creations of earth's scientists — that reign on it. Mars was not to reign; it was to be reigned over. So, first, let us look at Mars.

The next word is *Mars*. Mars almost always means war or conflict. However this paper (and the author's earlier two) maintains that here *Mars* means Mars, the actual planet. Nostradamus seldom says anything direct, preferring to encode everything; but he often does mention places by their actual names, as well as often hiding them behind GL codes.

The list of Mars, Mir, MER homonyms cited above show the necessity of writing Mars as *Mars* to establish the homonymy clue. Furthermore, in mentioning Mars by name it will be assumed to be an encoding of some kind obviating the need to give one. Who will think he is talking actually about Mars? To date, there is only myself that I know of. Was there any news about Mars a little prior to 1999? Indeed there was. But first a look at the rest of the line: *Mars regner par bon heur*.

Regner means to 'reign', 'to rule over', par means 'by' and bonheur means 'bliss', 'happiness', 'joy' or 'source of happiness.' Ovason informs that in early editions of the



Fig. 13. Mars (msnbc).

quatrain *bon* and *heur* were printed separately giving *bon* 'good' and *heure* 'time' or 'good time' or 'good fortune' (469). As my earlier papers and Ovason insisted before 1999, whatever meaning is taken, this obviously has nothing to do with war. War is never a source of happiness, joy, bliss, or good fortune. However, something did happen prior to 1999, and 'after', that was a source of great joy, bliss, and happiness and had good fortune. Satellites once more were involved, and so was Mars.

Just two years prior to July 1999, in July 1997, NASA took a chance with a completely novel, and ambitious, approach to landing a satellite on Mars. For the combined reasons of economics and ease of application the satellite was surrounded with inflated air bags, and allowed to drop down onto the planet, bounce to a rest before stopping, and then open up to survey the landing area. It was a risky mission, a method and process that had never been tested before in action. Would it be blessed with 'good fortune'? We know it was.

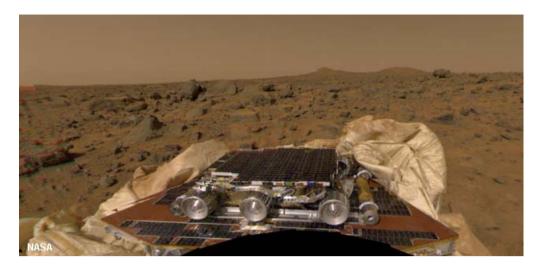


Fig. 14. Mars Pathfinder and Sojourner on Mars, 1997 (NASA).

The 1997 Pathfinder mission to Mars was an historic success. The air bags functioned perfectly, the satellite was undamaged, and it succeeded with its exploratory mission. It was a historic mission, because the satellite carried the Sojourner rover that for the very first time ever roved over the planets surface on the actual soil of Mars.<sup>10</sup>



Fig. 15. Sojourner rover exploring the rock Yogi on Mars surface. (NASA July 1997). Link: <a href="http://mars.jpl.nasa.gov/MPF/ops/yogi-pres-col-2.jpg">http://mars.jpl.nasa.gov/MPF/ops/yogi-pres-col-2.jpg</a>.

Scientists at NASA were overjoyed, and seen on television in a celebratory state of 'happiness', 'joy', and even 'bliss' as they cheered, whooped and shouted celebrating the mission's success. We received our first ever pictures from the surface of the planet. The mission had indeed been blessed with very 'good fortune'. Remarkably the Pathfinder

landed on Mars on 4 *July* 1997 ("Mars Pathfinder"). (See more below). My first paper on this quatrain announced, "The 'before' has already happened" (Lock 1998). For in 1997 NASA reigned on Mars in joy by good fortune.

But when would Nostradamus' 'after' occur? What satellite mission would this be? It would obviously be another mission to Mars. But reigning, *regner*, was indicated. A sovereign that reigns sits on a throne, rather than flying in the sky above. In lines two and three both *grand Roy* fly above as satellites. Those *Roy* are not given the word *regner*. They do not reign. The ones in line four are different; they 'reign' over the land, by landing and traveling on it. Newly discovered countries in the fifteenth and sixteenth centuries were claimed for the crown, and ruled or 'reigned' over, by having royal representatives, like Columbus, establish an *active landed presence* on them, as did Pathfinder's Sojourner in July 1997.

Finally, in 2003 came news that NASA was to try another air bag satellite landing on Mars. This new mission to Mars proved to contain more than a double homophone of Mir and near homophone of Mars. The 460 million pounds "Mars Exploration Rover (MER) mission" comprises the MER spacecraft carrying its Mars Rover Spirit (MRS) and a twin MER rover Opportunity (Dalton; "NASA Rover..."; David "Moment..."). Finally in January 2004, four and a half years 'after' July 1999, Spirit rover "made an apparently flawless landing on Mars" ("NASA's Spirit..."). It was almost an action replay of the Pathfinder mission success and accompanying ecstatic celebration. Several key officials in the Mars Pathfinder mission are even part of the MER program (David). The MER and Spirit's success occurred after a string of failures at attempting to actually land on Mars all the way back to two years 'before' 1999, to Pathfinder's success in July 1997.

Every form of media beamed pictures – coming from the heavens — and reports of ecstatic scientists and NASA mission members in joyous celebration of NASA's reign over Mars. "In this case, we...got to heaven," said Ed Weiler, NASA's associate administrator for space science' ("NASA's Spirit..."). Getting to heaven is 'bliss' if anything is; and "[s]cientists at NASA's Jet Propulsion Laboratory let out whoops of joy and embraced one another." NASA administrator Sean O'Keef at a celebratory news conference reportedly "toasted the mission's members with champagne he said he had been saving for twenty years" ("NASA Rover...").

Once again NASA's reign on Mars was joyous and aided by good fortune. A host of pictures were broadcast around the world evincing NASA's joyous reign on Mars (see fig. 18).

Spirit gave the first ever color photos of Mars, and scientists "marveled at [their] crisp" quality ("NASA's Spirit...") with "three to four times the resolution of any pictures



Fig. 16. NASA's Twin Rover Mission to Mars (Reuters, source NASA. *The Daily Yomiuri*. Japan: Dec. 16, 2003).

ever taken of the Red Planet". Spirit also sent the "first 3-D image of Mars" ("Spirit Captures..."). This is convincing enough, yet: The photos of Mars from Spirit were "the first from the surface of Mars in seven years" ("NASA's Spirit...").

Seven is an arcane number of special significance, echoing throughout this quatrain, as does July, the seventh month. Nostradamus actually calls July, in line one the "seventh" month, Cassini in line two was coming in July, Mir was revived in July in line three, and as has been shown, in line four it is Pathfinder that arrived on Mars, in July. July is in every line of this quatrain. In addition Nostradamus died in July, as he knew he would, adding perhaps to the month's significance for him and perhaps further impinging this month upon his subconscious so that he could perceive connections or associations to it within the Genetic Mind.

There is in line four, another seven: It was exactly seven years, 1997-2004, that

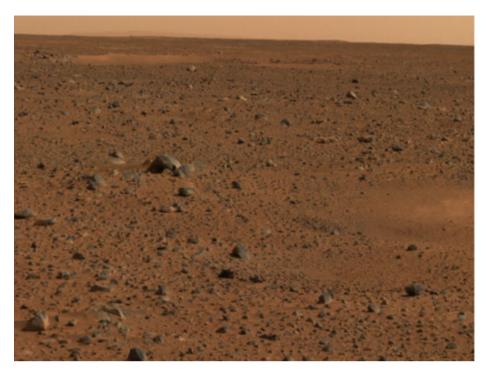


Fig. 17. One of Spirit's photos of Mars (NASA).

spanned the Pathfinder and MER space programs; the 'before' and 'after' in line four. Finally Cassini arrived at its destination, Saturn, on 2 July 2004 within two days of exactly seven years 'after' Pathfinder landed on Mars in July 1997, the initial event within the *prophetie*; and Cassini reached Saturn, its destination, seven years after its launch in 1997. Seven is the arcane, alchemical number of cyclic completion and relates to our satellite moon and its four phases of seven days each. Thus seven also relates to our own moon/satellite.

Ovason shows, Archangel Ol in Angoulmois was the zodiacal ruler of Leo, the seventh month. Leo is ruled by the sun or "sol", which is ruled by Archangel Michael, who "is the chief of seven planetary archangels: therefore he may be called the Roy or King of the Seven." As Ovason notes, the "sun [or sol] precesses against the backdrop of stars precisely one degree in 72 years"—the number of our quatrain (463), and 72 is a GL anastrophe of 27 which is the sum of the three nines in line one. Yet remarkably 'sol' specifically relates to the Mars Exploration Rover (MER) and Pathfinder missions. Spirit mission manager Adler explains, "...one martian day, or "sol," [is] about 40 minutes longer than an Earth day" (Keating). The Mars space missions brought the word 'sol' into our daily language. It refers to the martian day. Adler added that the rover will "...drive off the lander—about sol eight or nine." So we have found the joy and good fortune of par bon heur.



Pete Theisinger, project manager of the Mars Exploration Rover mission, smiles in celebration in Pasadena, Calif., after the safe landing of the Mars Rover Spirit on Saturday. Inset is an image from NASA television showing a control room worker pointing to the screen at a panoramic polar projection image of the Mars Exploration Rover spacecraft taken from the surface of Mars.

# NASA rover lands on Mars

Fig. 18. NASA's Joyous Reign on Mars (*The Daily Yomiuri* Japan: 5 Jan. 2004).

If the reader is in any doubt there is even another interpretation that can be given for line four. Again in Nostradamian double-confirmatory manner it demonstrates the reading of 'satellites' in line four:

Two years 'before' July 1999, in 1997 Global Surveyor arrived to orbit Mars and completely photograph it as a *grand Roy*, or orbiting satellite. Two years 'after' July 1999 in 2001 there was a successful mission to Mars by the satellite *(grand Roy)* Mars Odyssey. Global Surveyor was two years 'before'; and Mars Odyssey was two years 'after' 1999. Global Surveyor orbiter took the famous "Happy Face Crater" photograph that shows a large smiley face in crater form on Mars — joy and happiness again. These were both very successful missions.

However, successful as these missions were, they did not land on the planet. The only two to date to successfully land and explore on the soil with Rovers are Pathfinder's Sojourner in July 1997 and the MER Spirit and its twin rover Opportunity in January 2004. As NASA manager Rob Manning declared, "Being on the soil marks a major turning point for the project" (Gorman).

Significantly, the first three lines of Nostradamus' original quatrain are one unpunctuated sentence. The fourth line is another solitary, complete sentence. Clearly the



Fig. 19. Mars "Happy Face Crater" (NASA).

first three lines are to be considered separate from the fourth, and, as has been shown, the events in the first three lines all occur at the same time: July 1999. The fourth line clearly tells of things before and after July 1999.

We can now finally reinterpret the fourth line as:

Before and after Mars reign joyous by good fortune.

The entire quatrain is now deciphered and interpreted. Deciphered, the meaning is clear, but unfortunately the poetry and unique literary style of Nostradamus is lost in interpretation and translation. Marginally better rhyme can be given by moving "Mongols/Mongolia" to the end of the line. However line three then reads less elegantly, although the following two lines could possibly be used to help maintain some kind of rhyme.

Revival of the space station of the Mongols. Before and after Mars reign joyous by good fortune. Nostradamus poetic form is often of rhyming couplets or the C10Q72 alternating rhyming format of ABAB. To appreciate this poetry the quatrains must be seen in the original French-what Nostradamus wrote. The rhyming of the quatrains is an important aspect of Nostradamus' writing evincing not only its poetic beauty; but also sometimes clueing to important encoded connections, as in this quatrain. As a final trade off between poetics and elegance, the completely deciphered and interpreted quatrain, with apologies for necessary liberties taken with the poetry and added comma, reads:

The year 1999 seventh month

From the heavens will come a satellite of alarming news
Revival of the Mongolian space station.

Before and after Mars reign by good fortune, joyous.

#### Conclusion

This paper has presented an overview of the Green Language, and other language and cultural influences at work within the time of Nostradamus. It has exampled how they influenced his linguistic style, and confirmed the deciphering and interpretation of his C10Q72, which until the present time has been misinterpreted and subject to the greatest misunderstanding. It is hoped this paper has finally set the record straight.

It seems C10Q72 might have remained indecipherable had Nostradamus not included the encoded date "seventh month"/July 1999 and the actual name *Mars*. The first key to deciphering the quatrain came with the realization that *grand Roy* was an encoded meaning for 'satellite' and that Nostradamus did not have this word or concept, in his time, it being coined by Kepler as *satelles* in 1611, over forty years after Nostradamus' demise. The three keys to deciphering the quatrain are: "seventh/July"; "Mars"/"Mir" and their array of near homophones; and "satellite" for *grand Roy*. Each echoes manifoldly in encoded detail throughout the quatrain. In doing so they not only confirm beyond any doubt the decipherment, they help us appreciate the GL, phoneme, archaic and visual images coalescing within the extraordinary visionary mind of Nostradamus, and possibly how he tuned into the Genetic Mind, enabling him to reveal the astonishing information in this C10Q72 *Prophetie*.

Arcane lore, the GL, and culture are immense fields of study and enquiry. This paper has only touched on some minimal content, to show their possible significance for encoding, and interpreting the meanings of Nostradamus language and literary usage in C10Q72.

The original French version was used for this interpretation, just as a French version

was used for the author's previous two papers on this quatrain (Lock 1998, 1999). All French translations for this paper were made from the sources cited due to the author's lack of French ability. It should be remembered that there are only really 18 words in French in need of interpreting—the last three lines—and that Nostradamus did not write in a French grammatical style. However I was handicapped by a lack of French knowledge and would appreciate any serious comments or suggestions with respect to French translation, interpretation or usage, applicable or relevant to the contents of this paper.

The first three lines of C10Q72 show July 1999 had a focus on French scientific achievements and the Frenchmen who made them possible. Jean Dominique Cassini and Jean-Pierre Haignere, who both have the same first name, Jean.

There is the celebration of Russian success—and perhaps Mongolian Asia generally as Nostradamus saw it—with its remarkable and historic space station Mir orbiting the Earth for a record 15 years, the *grand Roy* given in the first and third lines of the quatrain.

There is also a definitive sense of celebration for American achievement, with its successful participation in the Cassini space exploration mentioned in the first two lines, and its historic landing and exploratory missions to Mars: the Pathfinder and its Sojourner—Nostradamus' 'before' in line four--landing on Mars on July 4, the national day of the United States of America; and seven years later the Mars Exploration Rover (MER) with its Spirit—Nostradamus' 'after' in line four.

While unmentioned in the quatrain there may be a hint of Huygens' discovery of Titan and the flybys of satellite Cassini-Huygens there in July 2004.

It has been shown that C10Q72 celebrates the ending of the twentieth century and the beginning of the twenty-first by announcing a danger in July 1999, and outstanding exploratory space achievements in the months of July 1997, July 1999, January/March 2004, and possibly July 2004 when Cassini finally reached its destination: Saturn. The time span of the quatrain is exactly seven years, from 1997-2004. This is the time span between the first and last quatrain events, the Mars landings; and of Cassini's mission from launch to arrival at Saturn. The quatrain covers a grand arcane cycle of seven years within which the events of this quatrain have transpired and are now concluded.

#### Notes

- <sup>1</sup> For a list of the nine and cities of publications see Ovason 503.
- <sup>2</sup> No books on the Green Language exist. See note <sup>5</sup>.
- <sup>3</sup> While Ovason's book was published in 1997, I first saw it in March 1999 after distributing my own first paper on C10Q72 containing most of this interpretation but in far less detail in 1998.

- <sup>4</sup> For a full list of the seven planetary rulers/archangels and their planets see Ovason 155.
- <sup>5</sup> The most erudite published writing on the GL to date seems to be the chapters "The Nature of the Green Language" and "Green Language: Techniques in Practice" in Ovason's *The Nostradamus Code* (178-232).
- <sup>6</sup> Ovason says the date may be a green code for AD 2087 (460-474). While possible, events of July 1999 exactly fit the quatrain making it difficult to conclude a different time.
- <sup>7</sup> See the NASA websites, though these may now be inactive.
- <sup>8</sup> The Genetic Mind differs from Jung's collective unconscious in that it embraces time, including the past, and possibly the future, of a species. It is ever evolving. See Arai and Lock; Lock *WingMakers*. See also Genetic Mind in WingMakers glossary at www.wingmakers.com/downloads/philgloss.pdf.
- <sup>9</sup> For more detail on Leo/July/sun/Sol/Michael see Ovason 460-463.
- To see Pathfinder and Sojourner on Mars click: <a href="http://www.space.com/images/ig158\_05\_02.jpg">http://www.space.com/images/ig158\_05\_02.jpg</a>. 04/01/12; <a href="http://www.msnbc.com/c/0/44/382/10x7/011012mars\_04.jpg">http://www.msnbc.com/c/0/44/382/10x7/011012mars\_04.jpg</a>. 04/01/09. See also Bridges "NASA Braces..."

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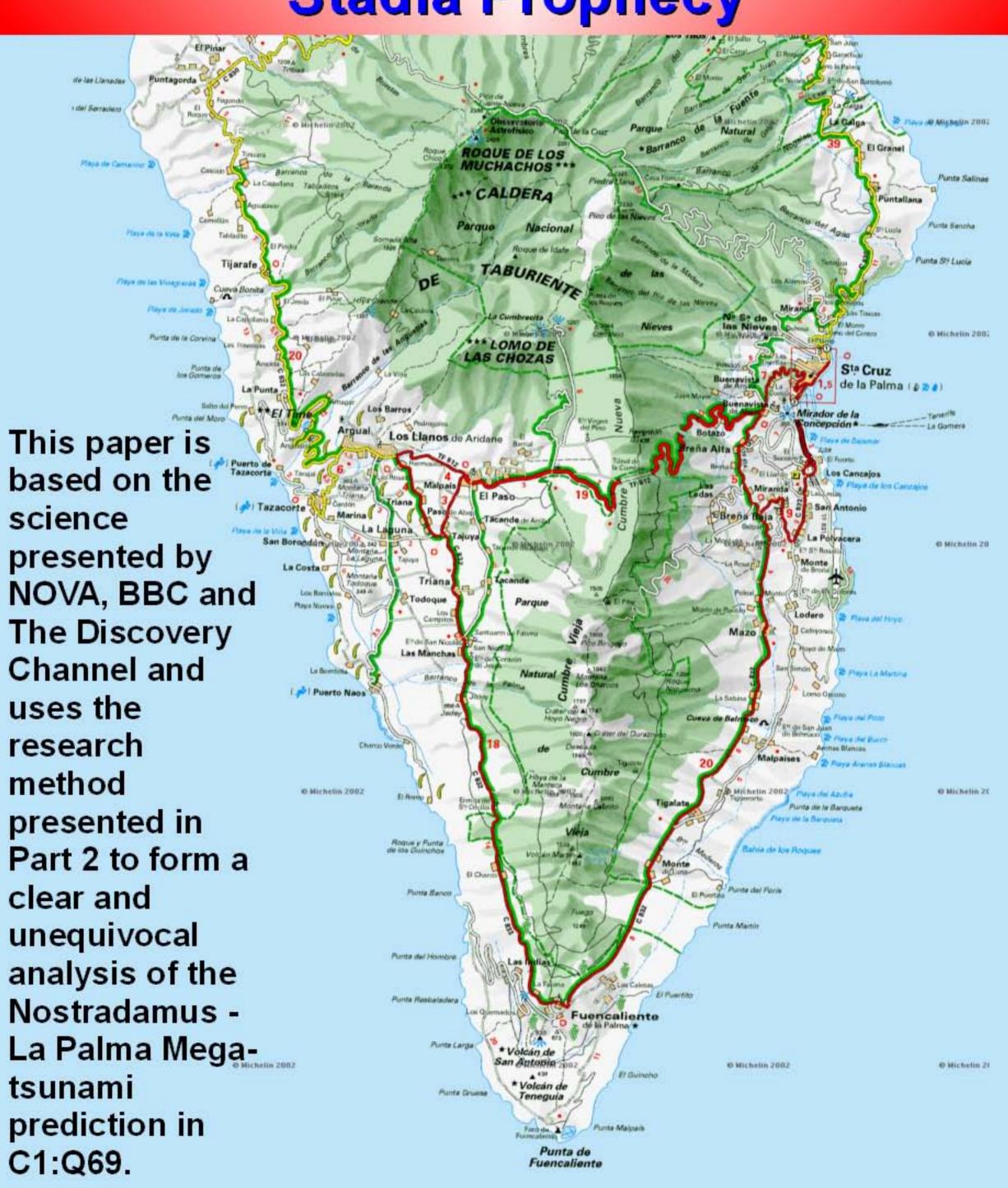
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# Part 3 – The True Seven Stadia Prophecy



### FIRST TIME REVEALED

## Geological Science & Nostradamus'



# CATASTROPHIC MEGA-TSUNAMI

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May 2007
Japan

Geological Science & Nostradamus' Catastrophic Mega-Tsunami.

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2

# Geological Science and Nostradamus' Catastrophic Mega-Tsunami

#### Christopher Lock

Osaka

2007

Abstract: The scientific writings of geologists Steven Ward, Simon Day and others are examined together with the language of Nostradamus' Century I quatrain 69 prophetie that is transliterated in full from the early French and Green Language. Both the geologists and Nostradamus, as well as the Bible, in their respective languages, say a large mountain will collapse into the sea creating a "mega-tsunami" or "inundation" resulting in the destruction of virtually all cities along the east coast of the United States of America, Florida, Canada, northern South America, the Caribbean, and regions of West Africa, Iceland, Europe and Eire. It being scientifically known where and how this mega-event will occur, though not exactly when, an engineering project to tunnel "horizontal wells" and/or lay drains is proposed to relieve the causative factor of water within the mountain, thus preventing the devastating event from occurring.

**Key words:** Cumbre Vieja, Geological, Green language, La Palma, Mega-tsunami, Nostradamus I.69, Revelation.

#### Introduction

The disparate languages of modern geological science, arcane medieval prognostication, and the Bible, predict a partial mountain collapse the size of the Isle of White or the Isle of Man will fall into the ocean causing a mega-tsunami that devastates great and ancient countries.

This is the La Palma mega-tsunami; and its likely effects are looked at first in the language of modern geological science. Primarily, investigations are through the findings of geologists Steven Ward (Institute of Geophysics and Planetary Physics, University of California, Santa Cruz) and Simon Day (Department of Geological Sciences, University College, London) as presented in their American Geophysical Union (AGU) paper (Ward & Day).

1 Other sources, including a New Scientist.com article (Samuel), the 2000 BBC Horizon TV program *Mega-tsunami: Wave of Destruction*, and computational findings by Trombley and Ottesen of the Southwest Volcano Research Center (SWVRC) are covered, and differences in findings discussed.

The mega event will then be investigated through the archaic medieval literature and Green Language of Nostradamus' Century I quatrain 69 (I.69) <sup>2</sup> that covers this event. I present a new transliteration of I.69 from the early French cited by writers Leoni and Roberts. Translations where possible and appropriate from French vocabulary items into English, and English to French are taken from *Le Robert & Collins Dictionaire Français-Anglais, English-French Dictionary* (Atkins).

Finally the mega-tsunami is looked at in the language of the Bible in Revelation chapters 8 and 18.

Ward and Day's findings will be compared in detail with I.69 content showing the "mega-tsunami" of Ward and Day and the "inondation" or "inundation" of Nostradamus, and the "mountain burning with fire...cast into the sea" in the bible are the same event spoken of from their disparate eras and steeped in their respective cultural language styles, conventions, and restrictions of both culture and knowledge.

Day informs the exact location of the event is Cumbre Vieja volcano on

La Palma in the Canary Isles (Figs 1 and 2), and reports its nature, cause, and process, but not the exact timing. It is shown timing estimates differ within the various media coverage and expert geologists' reports, and the most likely window of occurrence is reported. A possible time encoding by Nostradamus within this likely window of occurrence is also presented. The timings are discussed in full, as is the degree of inundation.

Finally, two prevention methods are proposed and strongly recommended. The first is drilling "horizontal wells" coupled if necessary with laying pipe drains or tunnels to release the internal water pressure that will otherwise cause the volcanic mountain to split and fall into the sea, and the second is manual removal of the flank to other safe off shore areas of the island. Simple inundation equations and possible precautions are presented for the public. Authorities are strongly urged to act immediately on the proposal to prevent the inevitable catastrophic mega-tsunami destruction of many major cities and millions of lives, a loss this paper posits need not occur – if we take action now.

#### Cumbre Vieja mega-tsunami according to geological science

The word "tsunami" comes from the Japanese "tsu" meaning "harbor", and "nami" meaning "wave". It is found in Anthology of Myriad since around the seventh century in Japan and has been regarded in Japan as "a wave which assaults a port" (shima). Recently accepted into the English language "tsunami" is defined in The Shorter Oxford English Dictionary (Shorter OED) as:

"A long high undulation or series of undulations of the surface of the sea caused by an earthquake or similar underwater disturbance, traveling at great speed and in shallow waters often building up enough height and force to flood the land. Also called seismic sea-wave..."

They often look like "a violent onrushing tide" that rises way above high tide (Wikipedia). This is why they were formerly referred to as "tidal waves", but the term has recently been dropped, the waves not being associated with tides as such, and there being a tendency to associate tidal waves with one large cresting wave, rather than the series of up to 12 waves rushing inland as the great body of water that more generally constitutes a tsunami. Figure 8 "Inundation" illustrates how the front of a tsunami is often lower than the body of raised water coming ashore behind it. This is contrary to the popular image of a tidal wave, although a tsunami can have a large crashing head wave as the 26 December 2004 Sumatra tsunami did in Phuket.

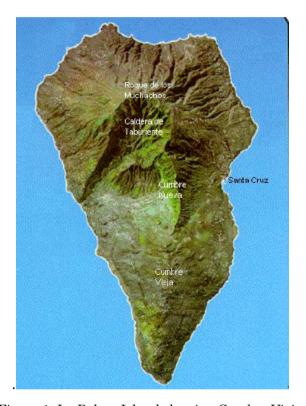


Figure 1: La Palma Island showing Cumbre Vieja

"Mega" meaning "great", a "mega-tsunami" is a great tsunami, and the term, in use since around 1998, usually refers to tsunamis caused by partial mountain collapse, as these displace far more water and are sometimes immeasurably larger than the ordinary tsunami caused by an earthquake or undersea subsidence.

Throughout vast spans of geological time every now and then mountains split and fall into the sea causing mega-tsunami. The last known

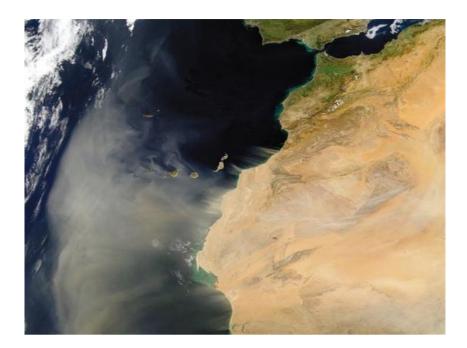


Figure 2: The Canary Islands off the coast of West Africa.

was 4000 years ago in the Indian Ocean, when the resulting tsunami rushed ashore in Australia (*Mega-tsunami*). In our own era, the massive 2km high volcanic mountain Cumbre Vieja on the Canary island of La Palma off the coast of West Africa (Figs. 1 and 2) erupted in 1949, split, and began to fall towards the ocean. It stopped after 4 meters, leaving a low, narrow 4-meter gorge at the mountaintop (Fig. 3). The eruption ceased, and since being quiet the gorge attracted the attention of research geologist Simon Day and others who carried out a thorough analysis of the mountain and the nature of its split.

In their 2001 AGU paper on Cumbre Vieja Ward and Day show the debris of collapsed mountain parts on the sea floor at the foot of their remaining mountains, and computer simulated mega-tsunami waves from a future La Palma "flank collapse" as the falling mountain parts are called (see Figs. 4a and 4b). <sup>4</sup> The language and conclusions of their paper and of a 2001 NewScientist.com website news article (Samuel) differ somewhat however

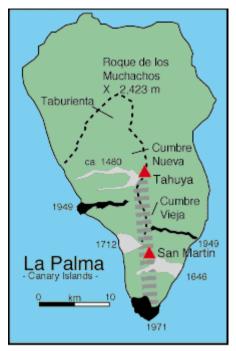


Figure 3: Cumbre Vieja: heights and recent eruptions in black, gray dashes show approximate position of mountaintop gorge.

Link: <a href="http://volcano.und.nodak.edu/vwdocs/volc">http://volcano.und.nodak.edu/vwdocs/volc</a> images/africa/lapalma.gif>. <sup>3</sup>

from those of the 2000 BBC Horizon TV program *Mega-tsunami* covering the event.

Ward and Day's AGU paper, in highly scientific language, talks lightly of a "possible" flank collapse within "the next two thousand years" perhaps aimed at not causing panic or undue alarm. Their computer model created "a long series of waves", and computer printouts show a series of at least a dozen waves caused by "a slide block 15-20km wide and 15-25km long". The paper states waves 50-100 meters high will fall on West Africa, 5-7 meters on Spain and England, 10 meters on Newfoundland, 10-25 meters on north America, 15-20 meters on northern South America, 20-25 meters on Florida, and several hundred-meters high on the three westernmost Canary Islands. The New Scientist article (Samuel "Mega-tsunami will devastate all Atlantic coasts") reports "a series of around ten waves, spaced about a hundred

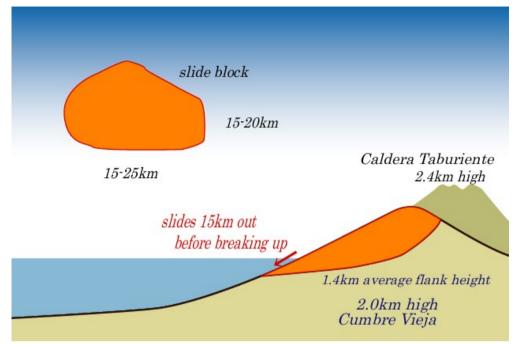


Figure 4a: Slide block a.k.a. flank collapse (Approximate size: Isle of White or Isle of Man). Figure credit, shima.

#### kilometers apart".

Horizon's documentary TV program, however, featuring Day, McGuire and other geologists presented some different findings. On TV the geologists distinctly said "50 meter waves" for North America – twice the size cited in the AGU paper — and the graphic video visually suggested 40-50m waves (Fig 5).

The differences may be due to further scientific research undertaken in Zurich, Switzerland by Hermann Fritz of the Swiss Federal Institute of Technology that the program covered but the paper did not. It would seem logical the Swiss research was carried out subsequent to the AGU paper; but the paper was published in 2001, subsequent to the program in 2000. <sup>5</sup>

Fritz's physical model, the most advanced in the world, showed the high speed of mountain slippage actually kicks up the sea from the sea basin or abyss, resulting in much higher and faster waves than predicted by the mere mathematical models of Day and Ward. In *Mega-tsunami* Day and Fritz both

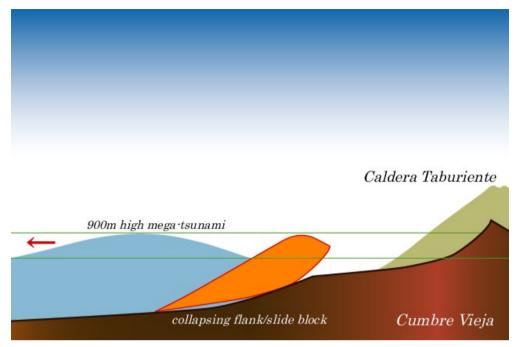


Figure 4b: Massive flank collapses creating 900m-high mega-tsunami.

Figure credit, shima.



Figure 5: Mega-tsunami arriving on Florida coast. 6

mention a series of 50m high waves traveling at 720kph reaching the east coast of American "devastating" all major cities there, including New York, Boston, and Miami. But even these "new" Swiss figures are, Fritz admitted, "conservative assumptions."

When assessing potential danger and safety parameters "conservative" figures are inadvisable. For this cataclysmic tsunami, the worst-case scenario is best planned for; conservative estimates would almost

certainly prove costly to lives, and therefore irresponsible suggested as a basis for safety plans. Engineers usually include a design safety factor of 10%, so for the world's worst-case mega-tsunami scenario safety plans should arguably include an additional 20% or more to compensate for Fritz' "conservative" figures, plus a 10% safety factor, making a safety-plans total of 30% on top of Fritz' figures.

Cited timing of the event again differs. The AGU paper puts it within the next two thousand years, while the BBC Horizon program put it at a future eruption of Cumbre Vieja – possibly the next. The 1971 eruption was on the far southern shore and did not pose a threat to Cumbre Vieja itself (Fig. 6).

Day on Mega-tsunami said, "There is an eruption up there [on Cumbre Vieja]



Figure 6: South Cumbre Vieja eruption of 1971. Link: <a href="http://www.ing.iac.es/PR/lapalma/tenvol.jpg">http://www.ing.iac.es/PR/lapalma/tenvol.jpg</a>>.

once every two centuries or so -- on average...so it is likely that sometime during the next century there will be an eruption..." He pointed out previous eruptions occurred in 1949, 1712 and 1646, so we have seen eruptions within a span of 60-70 years, and the last was 57 years ago (Fig. 7).

The New Scientist article (Samuel) again says the event will occur

"sometime in the next few thousand years" and quotes Gary McMurty, who works on landslides at the University of Hawaii, saying, "These events are very rare and shouldn't worry anyone who has a lifetime of less than a hundred years." Bill McGuire of the Centre of Volcanic Research, Cheltenham, however, who researched with Day and appeared on the Horizon program, was reported in *The Independent* as saying, "It could literally happen during the next few weeks or months or years.... The island is very unstable and this is something that could happen very soon" ("Lethal shockwave").

It is Trombley and Ottesen of the Southwest Volcano Research Center

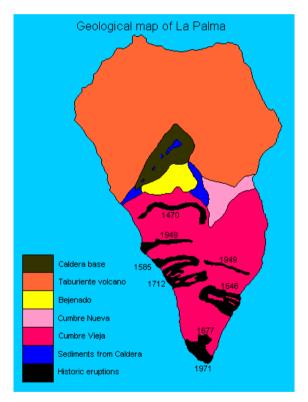


Figure 7: Geological map showing dates of eruptions.

Link: <a href="http://www.iberianature.com/material/photos/geollapalma.gif">http://www.iberianature.com/material/photos/geollapalma.gif</a>>.

(SWVRC) who present in their paper ("Mega-tsunami Danger...") the salient scientific figures on timing. The computed average time between eruptions is actually 89.33 years, and computed current data from Eruption Pro 10.5 yielded: "Projected years maximum until next eruption = 117 years".

The statistical percentage forecasts for eruptions are:

Year of Forecasted Eruption @ 50% = 2027; Year of Forecasted Eruption @ 95% = 2214.

A possible timing code by Nostradamus in Century I quatrain 69 could be: third millennium century 1 year 69, or 2069. At 120 years from the last eruption it accords with Trombley and Ottesen's math in as much as by 2069 the chances of eruption are well over 50%. While even Trombley and Ottesen's scientific math of 117 years and 209+ years for the latest possible eruption (in 2214 or 2122 taken from 2005) differ, they do show we will be extraordinarily lucky for this mega-event not to happen within the next 200 years. With the chances of occurrence in any year from 2027 being 50/50, a mere 20 years from now the survival of countless millions of people and all endangered cities will depend on a 50/50 coin toss every year. These odds are not ones civilization can gamble with. Something must be done, and now.

Surprisingly, or perhaps predictably, our scientific word for how far a tsunami travels inland is the one Nostradamus used: "inundation" (see Fig. 8).

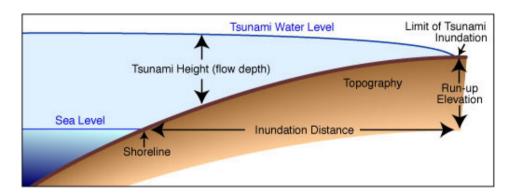


Figure 8: Inundation.

Link: < <a href="http://walrus.wr.usgs.gov/news/images/fieldimages/runup">http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/fieldimages/runup</a> http://walrus.wr.usgs.gov/news/images/runup</a> http://walrus.wr.usgs.gov/news/runup</a> ht

Samuel reports Day saying the 50-meter waves arriving on the US East coast inundate "several kilometers inland". Trombley and Ottesen also cite 50m waves inundating "six to seven km" inland. Compare these

projections with actual inundation findings by military Hazard Mitigation Strategist, Mark Stewart, "The tsunami that struck Sumatra Island traveled up to three miles inland in places" (Cascadia Earthquake and Tsunami). That is almost five kilometers, and the La Palma mega-tsunami being "thousands of times bigger" than any Fritz and the Swiss scientists had previously researched (Mega-tsunami) is it conceivable that 10–12 waves up to 50m in height with wavelengths of several kilometers each, extending a hundred kilometers out into the Atlantic, will only inundate 6-7km? Although there are hundreds of huge buildings in New York to absorb somewhat the mega-tsunami energy and provide resistance to its onward drive there are also hundreds of flat straight wide roads for it to rush along. A mere 6-7km inundation would seem to beggar the imagination, reason and simple math, and for much of the east coast.

I have devised a simple numerical mathematical model and equation to approximately predict for any tsunami or mega-tsunami the *maximum* potential inundation at a constant one-meter depth at sea levels with no obstruction. It is quite simply:

I approximately = X, numerically, where

I = maximum possible inundation in meters, and

X = total cross sectional area of the tsunami wavelength in square meters. Further,

 $I_{10}$  (at 10m above sea level) =  $X - X_{10}$ , where  $X_{10}$  is equal to the total cross sectional area of the tsunami wavelength up to 10m.

Not including velocity, drag, obstructions, topographical change or other tsunami factors this is not a scientific predictive model. It assumes total water dispersion as, for example, traveling over a flat glass surface. In fact, water absorption will occur along the way, and the tsunami will mix with earth dust and debris making a somewhat thicker watery liquid. So actual maximum inundation will always be somewhat less than the calculated *I* value.

Thus, the equation merely presents for the public an easily calculated safety parameter and a ballpark figure of *approximate maximum potential*, or worst-case scenario *I* by multiplying tsunami wavelength by its average height for total water *potentially* dispersible at a constant one-meter depth

at sea levels, and maximum *I* of land at one meter above sea level. Volumes can be calculated by taking a one-meter width of the tsunami giving identical numerical values.

The equation gives fairly accurate I values for other tsunami over flat land: the Sumatra tsunami was about 200m in wavelength and had a general 25m height giving a cross sectional area X of 5000sqm, and so an I value of approximately 5000m, close to the noted inundation high of 4800m (Stewart). Water depth of I at 5000m in this case, however, was far less than one meter and presumably closer to 0-1cm. Generally a more likely actual inundation distance reached would appear to be I calculated at 1-2m depth. I (at one meter) giving a maximum potential inundation unlikely ever to be actually reached, makes it useful for the public to use as a safety figure. In other words, someone standing at I should be fine whereas the closer to the tsunami from I the greater the risk of increased harm.

Using this model on assumed at-sea heights of one 25m wave and estimated 2-18m heights for the other 11 waves, the La Palma mega-tsunami could potentially inundate the eastern USA up to a maximum of 250-500km at sea levels, and about 100-200km at 10m above sea level. The first 5 largest waves alone could potentially inundate up to a combined maximum of 197-395km. Note, these are approximations of extreme potential water dispersion at a constant one to two-meter depth at sea levels, and mega-tsunami have a greatly decreased likelihood of finding extensive flat land making 6-7km inundation probable for certain elevated areas and areas with many obstructions, like New York; however, water volume and speed dramatically increase with a mega-tsunami pushing it to seek out any low-lying land. Backwash from the first few large waves as they return to the sea should lessen I for some of the later waves, and water absorption into earth and mixing with debris will further prevent maximum values from being reached.

All things considered, I would plan on the La Palma mega-tsunami inundating inland approximately  $100-250 \,\mathrm{km}$  maximum, at sea levels, particularly around the Carolinas, Georgia, and Florida. <sup>8</sup> It may well not inundate this far, but prudence suggests it better for people at these distances to have some kind of personal contingency plans of their own developed. I am not personally trained in tsunami sciences and stress this is obviously an estimated guess and approximate I figure, not a

mathematically correct scientific tsunami calculation, as such a basic calculation applicable for all tsunami is not possible from our present-day level of tsunami science.

Our geologists' unenviable dilemma is they have no firsthand scientific knowledge, models or records of mega-tsunami effects on countries. Ward's – indeed all our scientists' – prior expert wave work has been limited to earthquake-produced tsunami. These, Ward admits, are completely different, and minute, compared with mega-tsunami. Currently, exactly correct inundation calculations for even these normal earthquake-caused tsunami are usually beyond our scientists' ability due to the immense diversity in environmental features, both natural and man-made, that any tsunami may encounter.

The above many differences in our scientists' findings, however, are curious, and perhaps are due to one or more of the following: new updating-research carried out by the Swiss resulting in new conclusions; the overly conservative nature of the AGU and New Scientist coupled with a dislike of publishing world-upsetting truths; or Horizon TV having a more sensationalist approach in order to gain viewers, although it "admitted" findings were conservative.

#### Cumbre Vieja mega-tsunami in the language of Nostradamus

While the famous seer Nostradamus (Fig. 9) intended his *propheties* to remain unknown until their occurrence, and while great difficulties arise deciphering his complex, encoded, arcane language, we know it is possible to understand a *prophetie* before it occurs. One example is the almost completely correct pre-event decipherment of his Century X.72 *prophetie* given in November/December 1998 by the author (Lock 1998, 1999, *Lang. & Culture* 51-70). Century I.69*Prophetie* on the mega-tsunami will likely be the second correctly deciphered by myself before it occurs, though in both cases science assisted me by pointing to the quatrain content and fulfillment prior to occurrence.

Although admittedly a formidable challenge, there is no logical reason why we should not understand the meaning of a *prophetie* before it occurs if we can crack Nostradamus' enigmatic language use, encoding and



Figure 9: Nostradamus.

obfuscation.

Although no one else has mentioned it to date it is clear that Nostradamus' I.69 covers the La Palma mega-tsunami. Two of the most famous writers on Nostradmaus' prophecies are Leoni and Roberts, though neither is aware of the actual nature of the event.

Here is Leoni's French version (150) of Nostradamus' I.69 covering the event:

La grande montagne ronde de sept stades, Apres paix, guerre, faim, inondation, Roulera loin abimant grands contrades, Memes antiques, et grande fondation.

Here is Roberts' version (32):

La grand montagne ronde de sept estades, Apres paix, guerre, faim, inondation, Roulera loing, abysmant grand contades,

#### Mesmes antiques, & grand fondation.

Roberts' version differs from Leoni's in nine points: No *e* on "grande" and an *e* on "stades" in line one; a *g* on "loin", ys replaces *i* in "abimant", omission of the *s* on "grands", and omission of the *r* in "contrades" in line three; and his additional *s* in "Memes", the "&" for "et", and omission of the *e* on "grande" in line four.

Of the two, Leoni's is almost certainly the more authentic earlier version. 9

Leoni gives his English transliteration as:

The great round mountain of seven stadia,
After peace, war, famine, flood,
It will roll far sinking great countries,
Even the ancient ones, and of great foundations.

Roberts gives his English transliteration as:

The great mountain encompasses seven stadia, After peace, war, famine, and inundation, Shall tumble a great way, sinking great countries, Even ancient houses and their great foundations.

My own transliteration of I.69 and commentary on the above versions follows. Presented line-by-line, the French used is as cited by Leoni and Roberts.

# Transliterating the early French, and encoded Green Language (GL): $^{10}$

**Line one:** "La" is a variant of "le" meaning "the", while "grand" and "grande" are alternative spellings both giving "high, big, tall, great". "Montagne" gives "mountain", "Ronde" lists as "round", and "sept" as "seven".

Nostradamus' describing the mountain as "ronde" or "round" gives additional confirmation this is the volcanic Cumbre Vieja: volcanoes are *the* round mountains (Fig. 10).

"De" has many listed meanings: def. 1 (b) "from, out of; (localization) in, on"; def. (c) and (e) "of"; def. (g) denoting "(measuring)", as in "une piece de 6m²" meaning "a room (measuring) 6m²"; def. (j) "with, in, from" (Atkins 172). The meaning in I.69 is clearly the measure "of". But the additional meaning "from, out of" reveals the "seven stadia" (see below) to be the piece or "slide block" coming "out of", or "from", the whole mountain that causes the mega-tsunami. Thus "de" also gives us the "flank of" the mountain (Figs 4a and 4b).

"Stade" is equivalent to "stadium", making "stades" or "estades" "stadiums", of which there are seven. Stadia is the plural of the ancient measurement stadium, and a "stadium...ia" is: "classical antiquities. A unit of length, usu. Equal to 600 Greek or Roman feet, or one-eighth of a Roman mile (c 185m.)" (Shorter OED).



Figure 10: The round mountain of La Palma. 11

So Nostradamus refers to a seven-stadia flank of a great mountain measuring 7 x 185m, or 1.295km, or rounded up: 1.3km. This is almost identical to the 1.4 km mean height of the Cumbre Vieja mountain slide block our geologists say will collapse dropping 1/2 a trillion tons of rock into the sea (Ward & Day 2) (see Fig. 4b). An intriguing question is how Nostradamus knew this mountain flank collapse would be 1.3km high. Perhaps the great occult, arcane, and esoteric significance of the number seven within the seven stadia size somehow resonated in his mind. We know it echoed all through his Century X.72 prophetie (Lock Lang. & Culture 51-70).

This makes line one: The great round mountain flank of seven stadia (1.3km), or:

#### The great round mountain Cumbre Vieja flank of 1.3 kilometers,

Line two is straightforward: "Apres" means "after"; "paix" "peace"; "guerre" "war"; "faim" "hunger"; and "inondation" "flood", "inundation", or "deluge". We could also use "tsunami", a word Nostradamus obviously did not have at his disposal; and the "great" effects of the "inondation" imply it almost certainly refers to a mega-tsunami caused by flank collapse. "Famine" in the West is habitually associated with developing countries, so I will use "hunger", as Nostradamus seems to imply it for the West. Such hunger, as famine, can occur in the West. The 1930s USA depression witnessed children with swollen bellies suffering from famine or "hunger". It need not be, as it was not then, nationwide, but it is severe.

This line, then, tells of a time of peace, followed by war, hunger, then flood or tsunami inundation. The peace referred to is probably the 57 years of peace Nostradamus foretold in Century X quatrain 89 <sup>12</sup> presumably for his France, or the West. France did indeed experience exactly 57 years of peace from its liberation in August 1944 to September 2001 when the US pressured France to join the war on Iraq and opposed French reluctance with its "Freedom Fries" and "boycott French wine" verbal and economic assaults.

While the 2004 tsunami swept ashore following Gulf War I, no special hunger was experienced in the West prior to it and it was not caused by a round mountain collapse rolling into the sea, nor did it devastate great countries (see below). The mega-tsunami, and most of Nostradamus' propheties, are for the West, or his world; and this suggests the hunger, and ensuing catastrophic tsunami inundation spoken of are yet to come, and for the West. While the current Gulf War II or forever War on Terror could be the "war" quatrain I.69 refers to, it could even refer to a future war in the West followed by hunger then mega-tsunami inundation.

This gives for line two:

#### After peace, war, hunger, mega-tsunami inundation,

Line three: "Roulera" has no entry, but using Nostradamus' Green Language (GL) technique apocope, the omission of a last letter or syllable, (Lock Lang. & Culture 57; Ovason Code 530-541, Secrets 415-424) we have, when omitting the last a, rouler meaning "to wheel (along)", "to roll (along)" or "trundle along." Perfectly apt for I.69 is definition (c) "to roll" as in "the sea rolled the pebbles along the beach" (Atkins 598), or our slide block rolling down the mountainside (Fig. 4b).

"Loin" translates to "far" or "long way", and the English "far" also gives "loin". So the first phrase is "To roll far". Just how far is "far"? Our scientists say this flank block will roll out 15km before breaking up (Ward and Day). That is far indeed – farther than any land or mountain collapse our civilization has experienced to date. Some previously imagined this to be a comet or meteor, which would be coming from far away, but the wording depicts the "long" "rolling" of a "mountain" into the sea. "Roll far" is obviously redundant for a meteor 1.3km in size, which would fly or rush in and likely light up like a nuclear bomb upon entering the atmosphere.

Neither "abimant" nor "abysmant" are in the dictionary. "Abime", however, means "abyss", "chasm" or "gulf"; and "abimer" "to spoil", "damage" or get spoiled or damaged; and "s'abimer" can mean "to sink" or "founder". The common meanings here suggest, "to damage or spoil badly" with a connection to the sea or abyss. Using the GL technique apocope again, this time by omitting the last syllable mant we are left with abi (Leoni) or abys (Roberts). Abys phonetically, gives us the French geographic or oceanic "abysse", and we find phonetics in the GL techniques of rebus, homophone, and possibly "invention", where letters or sentences read phonetically (Lock

Lang. & Culture 57; Ovason Code 530-541, Secrets 415-424). "Abysse" relates to the English "abyssal zone" or sea "abyss", suggesting also, something becoming abysmal or sinking into the abyss. "Abyssal" is "2 [o]f or pertaining to the ocean depths" (Shorter OED).

The Swiss scientists found the sea basin – or abyss – to be stirred up in a flank collapse. Figure 11 clearly shows the mountain's extensive abyssal sea levels. Ward and Day show the mega-tsunami causative "slide block" has a "toe of failure 5-10km offshore", or, of the sea basin or abyss (Fig 4a and 4b); and in addition, "Waves generated by the run-out of a 500km³ (150km³) slide block at 100m/s could transit the entire Atlantic Basin [read abyss] and arrive on the coasts of the Americas..." (Fig. 5).

Clearly we have something relating to the sea abyss, and giving Nostradamus' oft double-meaning confirmation: from the abyss or sea depths great countries have an abysmal experience sinking into the abyss. This multi-layered meaning is a fairly common feature of Nostradamus' propheties (Lock Lang. & Culture 51-70).

"Grands" or "grand" means "great, high, big" or "tall" with "grands" making it the plural. Great countries, then, are thrown into the abyss by the mega-tsunami.

The differing "contrades" and "contades" evince GL epenthesis or

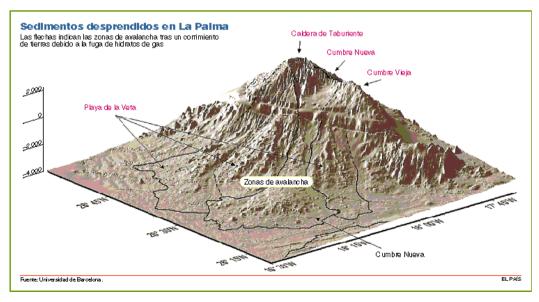


Figure 11: La Palma and Cumbre Vieja showing abyssal levels. 13

hyphaeresis, respectively, adding a letter or syllable to the middle of a word, or omission of a letter that would otherwise make a complete word (Lock Lang. & Culture 57; Ovason Code 530-541, Secrets 415-424). While neither word is a dictionary entry, Leoni notes Raynouard citing "contrada" in Nostradamus' Provencal dialect to be "country" (Leoni 150). The variants "des" and "de" give "some", making our word plural.

Line three then results:

#### To roll far, abysmally sinking great countries,

Line four: "Mesmes" also has no dictionary entry. "Mes", however, is a variant of the possessive adjective "mon" or "my". The repetition could well imply "our". Leoni's "Memes" can be an example of GL paragogue, adding a letter to the end of a word, here an s. The hyphaeresis, or omitted central s, a letter Nostradamus frequently omitted (Ovason Code 536, Secrets 420) would only apply if Roberts' version were more authentic than Leoni's which is unlikely (see note 9). "Meme", of course, means "same" or "even" which is what Leoni gives. The difference between "Mesmes" and "meme" evinces the two GL techniques of epenthesis, adding a letter to the middle of a word, here an s, and paragogue, here the final s (Lock Lang. & Culture 57; Ovason Code 530-541, Secrets 415-424). Either "our" or "even" could be intended, but perhaps more likely, both, knowing how skillfully master symbologist or semiotician, Nostradamus uses literary imagery with expert economy to convey multiple meanings.

"Antiques" gives "antique" or "ancient" in English for objects and things and "ancient" for relating to style; and the English "antique" gives "ancien" for common antique objects, and for pre-medieval, antique. The English "ancient" for places is "antique" as in "ancient Rome" or "Rome antique". Roberts and Leoni's "ancient" is then a suitable word here. Leoni, however, adds "ones", and Roberts "houses". While "ones" is implied, "houses" relates to "foundation" of the next phrase. I see both words needless, as did Nostradamus. For "Mesmes antiques" then I give "Even our ancients". The "Even" after "great countries" shows both sets of countries suffer the same abysmal fate.

"Even our ancients" here surely are those ancient countries, cultures, and heritages of east coastal Mesoamerica, Central and South America, the Gulf of Mexico, Cuba, Haiti, the Dominican Republic, Puerto Rico, the Caribbean islands, western Africa and Europe, and perhaps even our ancient Mediterranean maritime cultures if the mega-tsunami traverses the Gibraltar Strait, as it almost certainly will (Fig 12).

The La Palma mega-tsunami will inundate these ancient Atlantic countries and cultures sinking them into an oceanic abyss. A tsunami of this mega-magnitude will likely go all around the globe in some slight fashion. This we must not allow to happen.

In the last phrase "et" is the conjunction "and" or "&", while "grande" and "grand" again mean "great". I will simplify the implied "those of" to "of" qualifying "great". The "of" seems necessary for clarification, though Nostradamus cryptically omitted it.

What of "fondation"? Here, once more, is a multi-meaning confirmation. The French "fondation" and the English "foundation" give both, institutional foundation, and the foundation of a building, structure or even



Figure 12: The Straits of Gibraltar and the Mediterranean.

town. Both meanings are pertinent.

Looking at the first, that of institutional foundation: The La Palma mega-tsunami with ten or more waves, some over 20-50 meters high, will certainly sink into the abyss the financial, economic and power foundation of New York, and possibly London, Lisbon, Amsterdam and Brussels – meaning Europe (see Fig. 13).

While Ward and Day say England and London will receive only up to seven-meter high waves, Fritz doubled their initial heights – the doubling, it seems, having been accepted – yet even these doubled figures were, Fritz said, "conservative." For safety plans, therefore, I suggest heights with an additional estimated 20% to compensate Fritz' conservative factor, plus the usual 10% safety factor as before described. This gives approximate wave heights to be planned for of: West Africa 130-260m; Spain and England, also presumably Portugal and France, 13-18m; Newfoundland 26m; North



Figure 13: England, Europe, and the Canary Islands left of Africa.

America 26-65m; northern South America 39-52m; and Florida 52-65m.

According to National Geographic News (Lovgren "Greenland melt") seven meters is enough to threaten the submersion of London. Waves 13-18m high would then, despite London's recently constructed Thames defense dykes, inundate the foundational financial institutions of The City.

New York, London, Lisbon, Amsterdam; these founding towns of the powerful western political and economic financial institutions, like the central banks and stock exchanges (Fig. 14), are foundations that evolved to exercise power over our present world, and the future Nostradamus foresaw. These will suffer incalculable calamity from the mega-tsunami: they will be thrown into the abyss.

Should the mega-tsunami enter the Mediterranean perhaps ancient maritime cultures that laid the foundations of western civilization could also be endangered.



Figure 14: Rear of New York Stock Exchange.

The second meaning of foundation, that of structural foundation, relates to skyscrapers and pyramids. These great structures posses the strongest foundations of all buildings. New York City's skyscrapers share the

deepest and strongest collection of pile foundations in the West. But could they withstand the impact of 10-12 waves from an enormous 100 km wavelength mega-tsunami, headed by a vertical wall of water 50-65m high, packing immense weight, crashing into them at a minimum of 720kph? A test model needs be made with more probable, less conservative figures. For safety's sake I would test for 65m-high waves traveling at 936kph (the conservative 720kph plus 30%).

As for the structural foundations of pyramids: Pyramids are the most difficult buildings to knock over — if one were to try. The key to their solid foundation lies in their having the greatest foundational surface area of any building. As a pyramid's height increases successive floor area decreases keeping the structure's center of gravity low and directly over its basal center. This creates a firm foundation ensuring the building cannot topple through its center of gravity moving over the building edge. The result is the most stable



Figure 15: Altun Ha, Belize. Altitude 20m. <sup>14</sup> <a href="http://www.crystalinks.com/pyraltunha.jpg">http://www.crystalinks.com/pyraltunha.jpg</a>>

of forms, all based on the pyramid's great foundation area.

The great pyramids of Mesoamerica and Yucatan are foundational representatives in more sense than one of our mighty ancient Aztec, Mayan,

and Incan cultural heritages. While most of these famous cultural landmarks are at safe altitudes from the La Palma mega-tsunami, others, like Altun Ha in Belize, and Uxmal in the Yucatan are not. When Cumbre Vieja collapses and rolls into the ocean it will almost certainly sink or wash these treasured cultural heritages and their great pyramidal foundations (Figs 15 and 16) into an abyss from the sea – unless we engage in a project such as outlined later below to prevent it.

Which "great foundation" did our seer and semiotician, Nostradamus, mean: the financial and economic institutional foundations of the West; or foundations of skyscrapers and/or pyramids? We can see all are under threat from the mega-tsunami. It is very likely therefore that all meanings apply.

Perhaps it is just Nostradamus' remarkably perceptive and visionary mind, or perhaps this multiplicity of overlapping meanings magnifies the resonance of these events within the global mass- or super-consciousness as Jung referred to it, or to use a more contemporary term, the genetic mind of



Figure 16: Uxmal, Yucatan, altitude 49m. <sup>16</sup> <a href="http://www.crystalinks.com/uxmalpyramid.jpg">http://www.crystalinks.com/uxmalpyramid.jpg</a>>

the planet. 15

Line four can now be written as:

Even our ancients', and of great foundation.

The complete transliterated Century I.69, omitting "Cumbre Vieja" and "mega-tsunami" to preserve more the integrity of Nostradamus' original, can now be written:

## Century 1.69

The great round mountain flank of 1.3 kilometers

After peace, war, hunger, inundation,

Rolling far, abysmally sinking great countries,

Even our ancients', and of great foundation.

#### Cumbre Vieja in the language of the Bible

It would be remiss not to mention here another ancient writing form enunciating this event: The Bible, Revelation chapters 8 and 18.

In Revelation Chapter 8 verses 8-9 we read of a "second angel" describing what appears unmistakably to be the Cumbre Vieja flank falling into the ocean and its consequential devastation on the sea:

8 And the second angel sounded, and as it were a great mountain burning with fire was cast into the sea: and a third part of the sea became blood;

9 And the third of the creatures which were in the sea, and had life, died; and the third part of the ships were destroyed (Oxford Crown Ed. KJV).

"[A] great mountain burning with fire...cast into the sea" could not better describe the erupting Cumbre Vieja on La Palma collapsing into the Atlantic Ocean. With the collapse of this huge erupting volcanic mountain into the sea it is perhaps possible that a great portion of the sea, verse 8 says a third, will be discolored red by the volcanic rock and sea basin, or abyss, that will be kicked up from the sea floor into the devastating 900-meter-high wave rushing across the ocean at near supersonic speed.

We know large tsunamis do discolor the sea. The 26 December 2004 Sumatra tsunami witnessed a similar discoloration of the sea, though not of a red hue. There are, of course, two different red hues for blood depending on whether it is leaving or returning to the heart: a rich, bright red, and a darker, murkier red. The "blood" discoloring mentioned in Revelation 8 caused by the collapsing Cumbre Vieja flank block as it rolls into the sea might well cover a third of the Atlantic Ocean with the darker blood red color owing to the flank consisting of volcanic rock, some of which can be dark red in hue.

Living nearer the surface rather than the sea depths it is easy to imagine "a third of the creatures...in the sea" being killed by this gigantic 100km long, 720kph tsunami traveling thousands of miles right across – and along — the Atlantic Ocean. Many fish were observed killed in the Sumatra tsunami, which again, was minor, slow, and weak compared with this La Palma mega-tsunami.

Finally the entire east coast of the USA is home and port to a diverse array of the world's shipping vessels, virtually all of which would be destroyed by the La Palma mega-tsunami. It is not unreasonable to conclude that a third of the ships on The Atlantic as mentioned in verse 9 would indeed be destroyed by the volcanic Cumbre Vieja slide block collapsing into the sea.

There is even more in Revelation 18. 21-24 on how the Cumbre Vieja flank collapse effects the mainland "great city Babylon":

21 And a mighty angel took up a stone like a great millstone, and cast [it] into the sea, saying, Thus with violence shall that great city Babylon be thrown down, and shall be found no more at all.

22 And the voice of harpers, and musicians, and of pipers, and trumpeters,

shall be heard no more at all in thee; and no craftsman, of whatsoever craft [he be], shall be found any more in thee; and the sound of a millstone shall be heard no more at all in thee;

23 And the light of a candle shall shine no more at all in thee; and the voice of the bridegroom and of the bride shall be heard no more at all in thee: for thy merchants were the great men of the earth; for by thy sorceries were all nations deceived.

24 And in her was found the blood of prophets, and of saints, and of all that were slain upon the earth" (Blue Letter Bible KJV).

The opening "that great city Babylon...shall be found no more at all" and the subsequent multiple "...no more at all in thee" suggests a probable permanent end for New York City, which appears to become uninhabitable. There will no doubt be a tremendous amount of post-mega-tsunami sediment clogging up New York City burying its infrastructure.

Post-tsunami sediment remaining over the inundated area seems to vary considerably. In the 1998 Papua New Guinea tsunami (1st and 2nd ITST) sediment was observed to be approximately 1% of tsunami height, while the Dec. 2004 Sumatra tsunami (Bahlburg and Weiss "Sedimentology...") was observed to be almost 10% of tsunami height in at least one place. These figures would suggest a post-mega-tsunami sediment depth throughout New York City of approximately 0.5m to 5m. With the massive La Palma flank block collapsing into the sea it might be reasonable to assume something closer to the 5m sedimentation or more for New York.

Some might debate whether the very last verse refers to the La Palma mega-tsunami and New York City itself. Could it be a conclusion for both chapters 17 and 18? Some Christian commentators think this verse and the whole chapter 18 applies, like Chapter 17, to Rome, the Vatican, or -- as they have thought to date -- some un-named commercial Babylon. Some again (Fausset; Guzik; Henry; Smith) point out the chapter may be referring to the fall of both the religious and the commercial Babylon and what happens to them both, perhaps almost simultaneously though in different locations, just prior to the Cumbre Vieja mega-tsunami finale concluding chapter 18.

As a concluding commentary then, perhaps verse 24 suggests a merely religious, or anti-spiritual, center rather than New York City and therefore is a warning of what happens to the Babylon of Chapter 17? Perhaps. But then

again, if we are looking some decades into the future for this event, with both New York and Washington D.C. facing devastation from the mega-tsunami, it could well be a warning against these power centers escalating proactive plans — especially if in secret cohorts with the Vatican — for increasing numbers of wars with religious undercurrents against ever more numerous nations as part of its current forever War on Terror.

An impassioned and objective reading of the whole chapter 18 shows, however, that if this commercial Babylon exists today it clearly refers, on a commercial basis, to the USA. And with New York and Washington D.C. threatened directly by the La Palma mega-tsunami it is nigh on impossible to come to any other conclusion.

The final verse notwithstanding, there is no more fitting country on earth that every commercial, economic, and world power characteristic vividly portrayed in chapter 18 currently applies to, than the USA. When reading the detailed description and characteristics of Chapter 18 it is remarkable that no one else appears to have recognized this to date. But then it is only in the twenty-first century that the USA has been referred to more openly as: the Empire; the world's only undefeated-at-home and unchallenged dominating super power; the world's greatest ever consumer of global merchandise, and by extension, the greatest ever creator of enrichment and luxuries for the world's nations and merchants through the immense global liquidity of its ubiquitous US dollar -- the world's reserve currency -- now washing up into the swelling economic coffers of nations around the world; and the leading proponent of war with its forever War on Terror. And this is but to briefly mention a few Chapter 18 characteristics.

This lack of recognition has perhaps also been due to the common perception of Babylon as a place of unmitigated evil, and no one — in the West at least, myself included — can think of the USA to date as a completely evil place. But the Babylon of Chapter 18 is not once referred to as "evil", "corrupt" or "bad" and certainly not *en masse*. Indeed its "great"-ness in all areas is iterated. There are "sins" mentioned, and evil implied; many of these, however, may be close to the time of its destruction — if that is to be. Or they may be analogous to hidden lethal internal-organ cancers, like, for example, those in a renowned, admired and respected world-champion athlete. If the hidden- from-sight and so unrecognized cancers are not first discovered and then rectified they will eventually lead to the destruction and demise of the

whole great, exemplary body, despite that body being a model of resplendent magnificence, success, beauty, health, function, and form. And as world-champion cyclist, 7-time winner of the Tour De France, Lance Armstrong has shown, such a crisis can come to such a body and such a healing change and process *is* possible.

Babylon was, and is or will be, the world empire of its day; and New York/Washington D.C. as the possible identity of commercial Babylon herein is only applicable to the Chapter 18 version of the word "Babylon", and again assuming Babylon is alive today.

While a discussion of chapter 18 is beyond the scope of this paper, the chapter does, assuming its chronology is intended and correct, suggest a possible timing, not by date but within a string of events, of the final culminating event — the La Palma mega-tsunami — which seals the destruction of the commercial Babylon centered on a city, which certainly appears to be New York City and probably including Washington D.C., these being the very epicenter of the present commercial world empire.

The world's leading traders, men of finance, business tycoons, and politicians, through sharing in its riches and luxuries, live in or associate with this New York City/Washington D.C. hub of the present world empire, cum commercial Babylon, and this hub is directly threatened by the La Palma mega-tsunami.

Assuming the above interpretation is correct, does this mega-tsunami, and the events of Chapter 18, have to happen? This comes down to whether Revelation is a prophecy or a prediction. That is, is it a prophetic *warning* of what is coming due to the road our civilization is taking *unless* mankind changes its way, direction and life, or, is it a prediction? The word "prediction" is made up of "pre" meaning "prior", and "diction" meaning a "verbal description", "enunciation" or to "State publicly or proclaim" something (*Shorter OED*). The word "prediction" therefore specifically signifies the telling of something before it actually occurs, meaning we cannot prevent it. It is something that just does occur and is spoken of, announced, even calculated or predicted, beforehand. <sup>17</sup>

According to St. John, regarded as the author of Revelation, right at the beginning, in Chapter 1 verse 3, we are informed Revelation is a prophecy. He says: "Blessed is he that readeth, and they that hear the words of this prophecy, and keep those things which are written therein: for the time is at hand (Oxford Crown Ed. KJV).

It being a prophecy, it clearly need not necessarily happen; like any prophecy, it is a warning. It is, then, up to us whether this will transpire or not. Chapter 18 is even prophesying something worse than, and immediately prior to, the La Palma mega-tsunami capable of occurring to the USA in the future, but again that is beyond the scope of this paper – and it does not have to happen. It bears repeating that if we act appropriately, reasonably, and in goodness, taking care to safeguard the lives of all those that could be lost, the destruction mentioned in Revelation Chapter 18 and the La Palma mega-tsunami need not happen. It is within our power to prevent these events.

Further discussion on Revelation Chapter 18 is redundant here, and so with this I leave it to a future in-depth paper for separate publication by myself and readers' own future perusal and opinions.

Pragmatically, now that we know the science and inevitability of the La Palma mega-tsunami as we do, I propose below, two possible engineering projects to prevent the catastrophe from occurring; <sup>18</sup> and a few prudent public measures that could be taken. Due to these being lengthy processes, the engineering project selected is obviously best undertaken immediately.

## Preventing and preparing for the mega-tsunami

It would be both foolish and inhumane to underestimate the possible imminence of, and danger posed by, this mega-tsunami. It could actually happen anytime. Our scientists have informed us it has at least a 50 percent chance of occurring in any year from 2027, growing in probability from then on. Immediate action is therefore imperative to avoid this catastrophic disaster. The Horizon program (*Mega-tsunami*) graphically illustrated the science, unearthed by Day and others, behind the cause of flank collapses. Knowing this cause hints, I believe, at a preventive measure.

Flank collapses are caused by columns of water building up over millennia in porous rock between alternate vertical natural "dykes" of impermeable volcanic rock. During an eruption this water heats up putting pressure on the rock face causing the latter to split and the flank to collapse (*Mega-tsunami*). By releasing the water from between the rock dykes therefore, I suggest the flank collapse and mega-tsunami can be avoided.

The columnar water buildup could, I propose, be released by drilling a series of "horizontal wells" and/or the laying of large pipe drains or small tunnels into the mountain and drawing off the water. A number of companies have recently developed and deployed new horizontal drilling equipment at previously abandoned oil wells. By drilling at right angles underground previously unreachable oil pockets can now be breached and the oil extracted. Cumbre Vieja is, of course, vastly different from an oil field, and drilling equipment may well need to extend for several kilometers or more to reach the many "dykes". The equipment will probably need modifying for the extensive honeycombed La Palma terrain, or perhaps existing tunneling equipment will need deploying with horizontal drilled branches extending into other areas of the mountain to catch the "dyke-trapped" water and run it off to the sea.

Although the proposed work is a very delicate, massive and labor intensive operation in which, presumably, explosives are ruled out, I most strongly urge the governments of the USA and all countries at risk give top priority to this tunneling, drilling horizontal or angled wells, and/or laying large pipe drains into Cumbre Vieja to draw off the water, thereby preventing the catastrophic flank collapse. Owing to the danger of a future eruption damaging such drains through expansion and magma movement they would need to be reinforced, and yet also have a degree of flexibility. Their survival during an eruption would not be critical as repairs could be undertaken once the eruption ceased. It is drawing off the internal water before eruption that is critical.

Should the drilling, tunneling or drain construction prove impracticable for any reason I urge with all force at my command that the USA and other countries threatened initiate a second approach, that of manual removal of the unstable flank to other La Palma coastal or off shore areas without risk of flank collapse. This extensive operation will take some years so personnel and equipment need deploying in all haste before the volcano activates again.

In addition to these two preventive measures - and especially if

disregarded -- individual precautionary measures could be made at personal and public convenience over the coming years or next two decades. These could include a gradual removal from endangered coastal regions to approximately 70m above sea level or 200km inland at sea level and 100km inland at 10m above sea level. Once unleashed the tsunami will hit the US in eight hours. This being insufficient time for millions to immediately evacuate, failing relocation, a safe haven could be secured higher inland and an immediate evacuation attempted upon news of an imminent Cumbre Vieja eruption.

Destructive hurricanes like Katrina and Wilma of 2005 will probably strike Florida and the US south coast again in the future. It would obviously be safer for people to be gradually relocating from, rather than flocking to, any existing dangerous hurricane alleys and future mega-tsunami hit zones.

## **Conclusion**

This paper has shown the two disparate languages of modern geological science and arcane medieval prognostication speak of the same mega-event predicted to occur at the same place: a mega-tsunami from the collapsing volcanic Cumbre Vieja on La Palma in the Canary Islands. Both our geologists and Nostradamus reveal specific knowledge, and limits to their knowledge of the event. Despite the disparate specific language of their respective eras and contrasting fields of endeavor, both use the words "mountain" and "inundation", and an approximate "1.4km" or "seven stadia" for the height of the flank collapse, and both predict the inundation to be highly destructive to great countries.

Differences in the various geological findings have been discussed, and new inundation approximations and the equation I approximately =X offered to assist the public make basic calculations regarding maximum potential danger of residential locales for this, or any, future tsunami.

Nostradamus' Century I.69 has been fully transliterated anew making it the first published correct decipherment of the quatrain. <sup>19</sup> Hampered by my lack of French I would appreciate any constructive criticism regarding the French transliterations.

The La Palma event has been shown to have specific mention in the

Bible in Revelations Chapters 8 and 18.

The preventive measures of drilling "horizontal wells" and laying pipe drains or tunnels to run off the water within Cumbre Vieja thus averting the flank collapse and mega-tsunami; or gradual manual transposing of the slide block to other safe coastal or off shore areas of La Palma have been proposed and most strongly recommended.

Precautionary relocation measures have been suggested for those in endangered areas.

Finally, The US and other governments have been urged to begin this massive project immediately; the alternative is not an option.

## Notes

- See more at Geophysical Research Letters (vol. 28, 3397). The paper is \$9.00 from: <a href="http://www.agu.org/login/">http://www.agu.org/login/</a>>. Simulated waves can be viewed in figs. 1 and 4 at: <a href="http://www.benfieldhrc.org/activities/alerts/alert3.pdf#search=%22Geophysical%20Research%20Letters%20(vol%2028%2C%20p%203397)%22>">http://www.benfieldhrc.org/activities/alerts/alert3.pdf#search=%22Geophysical%20Research%20Letters%20(vol%2028%2C%20p%203397)%22>">http://www.benfieldhrc.org/activities/alerts/alert3.pdf#search=%22Geophysical%20Research%20Letters%20(vol%2028%2C%20p%203397)%22>">http://www.benfieldhrc.org/activities/alerts/alert3.pdf#search=%22Geophysical%20Research%20Letters%20(vol%2028%2C%20p%203397)%22>">http://www.benfieldhrc.org/activities/alerts
- This is the established conventional designation with Latin numerals for Century numbers followed by a period before the quatrain number.
- "Simplified geology of La Palma. Thick gray dashed line shows the location of a rift zone proposed by Carracedo (1994). Taburiente and Cumbre Nueva are calderas. The landward scarps of these calderas may mark the headwalls of giant landslides." From: <a href="http://volcano.und.nodak.edu/vwdocs/volc\_images/africa/lapalma.html">http://volcano.und.nodak.edu/vwdocs/volc\_images/africa/lapalma.html</a>>. 12 May 2007.
- Another graphic depiction of the flank collapse and Cumbre Vieja can be seen at *Cumbre Vieja: Atlantic Tsunami Threat* at link: <a href="http://www.guardian.co.uk/flash/cumbre vieja\_tsunami.swf">http://www.guardian.co.uk/flash/cumbre vieja\_tsunami.swf</a>.
- The paper was received by the AGU 2 March 2001, revised 11 May, and accepted 27 June 2001. See also earlier paper by Day et al. 1999.
- 6 Image source: <<u>http://www.sibelle.info/images/mega.jpg</u>> at <<u>http://www.sibelle.info/oped25.htm</u>>. May 2007.
- Inundation link: "Report from Bob Peters, USGS, via satellite." *Notes From the Field...USGS Scientists in Sumatra Studying Recent Tsunamis.* 9:30 pm 1 April 2005. <a href="http://walrus.wr.usgs.gov/news/reportsleg1.html">http://walrus.wr.usgs.gov/news/reportsleg1.html</a>>. Aug. 2006.
- I have revised this figure down from my original published figures in *Journal of Osaka University of Arts Junior College* No. 31 of 395km, due to friction, mixing and

- absorption with the earth, and taking into account back draft as the initial waves return to the sea. This also assumes the whole flank block collapsing in one piece at one time.
- Leoni's versions generally derive from "a careful comparison of the Bonhomme edition of 1555, as reprinted by Bareste, with that of Pierre Rigaud (ca 1600), as reprinted by Le Pelletier, and that of 1605", each "considered of equal authenticity" (Leoni 116). Leoni does not specify how he derived his I.69. Roberts' version is based on his copy of the 1672 edition of *The True Prophecies or Prognostications of Michael Nostradamus*, translated and annotated by Theophilus de Garencieres (Roberts "Introduction" xi). Ovason states Garencieres is generally "punctuated with errors[,]....inaccurate and misleading" but gives no specifics for Garencieres' I.69 (*Code* 22, *Secrets* 4).
- For a succinct list of 17 of Ovason's annotated list of 20 GL techniques see (Lock 2005 Language and Culture #4 (57). For Ovason's full list see The Nostradamus Code (526 –542) Rpt. from The Secrets of Nostradamus (411-424).
- Satellite image at: <a href="http://upload.wikimedia.org/wikipedia/commons/e/e9/">http://upload.wikimedia.org/wikipedia/commons/e/e9/</a> La palma volcano.jpg>. 12 May 2007.
- For the West generally, May 1945 Sep. 2001 is 56 years and four months into the 57<sup>th</sup> year of peace. This 57 years of peace foretold in Century X.89 is almost certainly when many "walls" changed from "brick to marble" in Europe throughout the second half of the twentieth century, and ongoing. Even department stores in Singapore ahev marble walls now. Leoni thought the peace referred to Louis XIV from 1643–1701 (752). Ovason opines it begins in 2020 (*Code* 444-445, *Secrets* 349-350).
- LaPalma 3D topography Link: <a href="http://www.ing.iac.es/~cmp/palma2.gif">http://www.ing.iac.es/~cmp/palma2.gif</a>. At: <a href="http://www.sibelle.info/oped25.htm">http://www.sibelle.info/oped25.htm</a>>. May 2007.
- Link: < <a href="http://www.crystalinks.com/pyramidmesoamerica.html">http://www.crystalinks.com/pyramidmesoamerica.html</a>>.
- The term genetic mind was first used at <<u>www.wingmakers.com</u>>. It differs from Jung's mass or super-consciousness in as much as it exists across all time, including the future.
- Link: < <a href="http://www.crystalinks.com/pyramidmesoamerica.html">http://www.crystalinks.com/pyramidmesoamerica.html</a>>.
- "Prediction" is more scientific and mathematical than "prophecy". Stunt men in Hollywood movies scientifically and mathematically calculate the outcome of their stunts and events, which are completely predictable. The safety range is predicted thus ensuring their safety. The predicted event/result occurs and must occur because it is determined by all the energies concerning the event in motion at the time.
- Some scientists and researchers think the flank may not collapse as one piece but could fail in parts over time, thus lessening the impact of the catastrophic mega-tsunami.
- The author first published this in the *Journal of Osaka University of Art Junior College*No. 31 in March 2007.

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