

DOCUMENT OVERVIEW

- I ACCESS to THE THREE WEEKLY CALLS via the Internet**
- II ACCESS to OTHER CALLS SUPPORTED BY WWW.rainbowroundtable.net**
- III OPENING MEDITATION; MAYAN CALENDAR; HOUSEKEEPING; LINK TO PODCAST**
- IV HARD NEWS**

I TO ACCESS THE THREE WEEKLY CALLS via the Internet

A BBS RADIO Go To www.bbsradio.com; click on "64K Listen"

*** Thursday: A Night at the Round Table Hosts: Panel Members**
6 pm Pacific / 9 pm Eastern

*** Friday: Friday Night Hard News Hosts: Tara & Rama**
6 pm Pacific / 9 pm Eastern

One Hour conference Call: 1-641-741-1704 Access Code: 353 863#

*** Saturday: History of our Galactic World & NESARA Hosts: Tara & Rama**

1:30 pm Pacific / 4:30 pm Eastern

One Hour conference Call: 1-720 716 7301 – Access Code: 353 863#

Call to interact / ask questions:

Canada & US: STATION 2 1- 888-429-5471
Direct 1- 323-744-4841

B CALL-TO-LISTEN on your phone 1-804-220-6484

C Skype: BBSradio2

D Archives for the 3 Programs listed above:

- Go to *BBSRadio.com*; in first column, **RHS, FIND TALK SHOW**
- Enter *the name of the show*, press the GO button. You'll be taken directly to **Hard News on Friday**; click on "**Archives**" which takes you to the listing of all program archives, the latest one being at the top.
- You can listen directly or download the program to your own computer.
 - To listen directly, click on the arrow on the black bar.
 - To download, go to **Episode MP3 link**. Then **right click** on the name '**hardnewsonfriday including the date**' and the drop down menu appears. Click on '**save link as**'

E Archives, written and audio, also exist on the rainbowroundtable website:

- www.rainbowroundtable.net - look under the "Archives" tab for
- **written notes** including the link to the entire podcast, and
- **links to the audio recordings** of the conference calls of the Friday, Saturday shows.

II TO ACCESS OTHER CALLS SUPPORTED BY www.rainbowroundtable.net

A Sunday, Mondays: 9 – 10:30 EST *Cheryl Croci's Activation Calls*
By telephone only: 1-425-436-6260; PIN 9467 441#

B Tuesdays, 2nd & 4th of each month: 9:00 – 10:30 pm EST *Ashtar on the Road; Ashtar Legacy Calls*
Host is Fran

<http://www.ashtarontheroad.com/ashtarteleconferences.html>

To access **by Phone:** • 1 – 559 – 726 – 1300; PIN 972400#
• Call is free [except for long distance charges]

via HD Conferencing: 712-770-4160 **PIN #** 980339 [always the same]

<https://www.freeconferencecallhd.com/hd-conferencing/>

via Skype Click on the VOIP button and enter what they ask for:
<https://www.freeconferencecallhd.com/hd-conferencing/>

C Wednesdays: 7:00 – 9:00 EST *The Friends of The Aboriginal Moabite Nation Call*
By telephone only: 1-712-432-0900 PIN 666238#
Replay# [good for 1 wk] 1-712-432-0990 PIN 66238#

D Every 2nd Wednesday *The Abundance Call - Caroline Oceana Ryan*
5:45 PM Pacific / 8:45 PM Eastern
60-minute conference call with the Collective, a group of Angelic and Galactic beings, channeled by Caroline Oceana Ryan

To be notified: email AscensionTimes@gmail.com - message is "YES to Abundance!"

E LINK TO THURSDAY NIGHT CALL: A NIGHT AT THE ROUNDTABLE

<https://bbsradio.com/podcast/night-roundtable-may-12-2022>

Call In Numbers: 888 429 5471 323 744 4841

HOST: Vinayak

MEDITATION: Vinayak

GUEST HOUR: All the Panel Members

TONIGHT'S PANEL:	Caroline Oceana Ryan [COR]	Rama and Tara [R,T]
	Randy Miller [RGM]	Vinayak [VIN]
	Omena [O]	
	Penny Christoffersen [PCC]	Micah Green [MG]

THE LAW OF ONE

We are all One.
When One is harmed, all are harmed. When One is helped, all are helped.
Therefore in the name of Who I AM – and I AM One with All there is -
I ask only that the Highest Good of all concerned – Happen.
And I give thanks that this is done!
So Be It!

Energy Updates

Omena: Important to realize that if energies come into the body, is to let that energy out

- a question to Omena about the death of a caller's friend:

Wilfred is very stubborn, seems to be in a secure loving place – his guides are talking to her !

Q: Was his death natural or assisted? A bit of both – his guides assisted him by pulling him out of a dark hole as he wanted to leave – his biggest fear is that he will be judged and he will be allowed to be his own prideful, arrogant self and come round in his own time, as is always true for all of us!
He is loved and in a good space – he will soon find out he is OK there

- Energy stuck in our bodies can make us sick – and that comes from all other lifetimes as well as this time

T: about a memory that came up quite some time ago – about keeping Julian safe in the Belmarsh Prison and that is why he is still there. T saying that he is being tortured there -

O: what she is getting: he's paying off karma from a past life where he is now and suffering – OK paying off karma is cleaning up his energies – he still has to do things on this earth and has to clean up the energies first! So he will get out and be OK

- the new paradigm shift will allow people to pay off karma in the blink of an eye – yet the old brain and the belief is in doing it the hard way . . .

T: the reason the ones are torturing him is because he exposed through the Wilileaks site that 9/11 was an inside job; that Queen Elizabeth 2 and the US did major war crimes in Iraq; helped Chelsea Manning release photographs about the

O: she deals with the soul history

- the people on the outside are creating karma; he was part of it at the time; now he's working it off.
- The personality does the political part of it; the soul part is getting rid of the karma

T: we are ALL part of the history of the past – there is a story about the Andromedans whose culture never knew war in 20 million years – and earth has always had war! ! !

Caroline Oceana Ryan: COR: a very interesting discussion!

- The energies are like a tidal wave, just pouring over us!
 - More water, more sleep, more time in nature . . .
- We've been through a lot together – and more to get through
- L M Portia has given her some help to pass on to us – another resource for our use

RGM: sun sending more and more cosmic energy – more solar flares

- strong ascension symptoms are showing up
- watch for the next 72 hours – ETZ is tonight, during the show! Expected to be a very strong wave
 - starting on east coast and then across the
- stay hydrated

PCC: manifestation of the energies in physical terms; experience during recent massage
reference to articles that show that the energies/attitudes are changing -

R,T: Micah is not here: commenting on how sleepy he's feeling

- Tara's experience of the same thing

R: the X class, M Class solar flares – radio black outs – can also sleep at the drop of a hat

- it is about the huge transfiguration

T: Markets have taken a nose dive - 2nd time in a week!

R: the play money they are using has no value

T: the NuGenCoin.com – hasn't gone public yet so is not affected; the other bit coins

- Rama is getting told regularly that something big is going to happen – thinks it will be the financial story – and also potential re: full disclosure - so many craft in the atmosphere
 - brings up the story of the black hole in the constellation Sagittarius A

NOTE: THE CONVERSATION CONTINUES AFTER RAMA'S REPORT: [SEE PAGE 19](#)

To our readers: Rama's White Knights Report, for the most part, will present information from Rama's contacts on very current events. Sometimes, additional commentary may show up, in the form of more explanation about an important issue, or as an article inserted to provide more insight on the subject being presented.

Find more info on those folks Rama talks to - who are there to keep us in the loop as well - at <https://www.rainbowroundtable.net/rama-s-contacts>

2022-05-06

Friday

Rosa from Palestine

Rama: I received a text message from Rosa of Palestine at 12:15 pm, early this afternoon. She said to me, "Lord Rama, the I D F Forces are cracking down hard on people who want to come and pray at the Al Aqsa Mosque. They are committing war crimes and nobody is being held accountable. They are hitting people, kicking people, and beating people with the butt end of their guns. Many are shot dead indiscriminately. Please place all of this in the Circle of Support and Blaze the Violet Fire! All we are saying is 'give peace a change.'

Note: Today Rosa was in tears as she told me she saw the IDF shooting the people and killing them as she witnessed it all, once again.

2022-05-07

Saturday

Sweet Angelique the Cat; Tom the Ring-Tailed Cat

Rama: I received a text message from Tom the Ring-Tailed Cat and Sweet Angelique the Cat. They said to me, "Lord Rama, the Schumann Resonance is way, way up there! That means we are very, very close to the singularity where a beam of light goes out from our sun, Sol, to the Hunab Ku which is located where our Milky Way galaxy merges with 26 other galaxies of this Universe of Nebadon.

"The result is super high vibrations are emitted across all of the 27 galaxies, creating available energies all the way up to the 144th dimension! Blaze the Violet Fire! Sat Nam! Namaste!"



2022-05-08

Sunday

Dalai Lama

[Dalai Lama @DalaiLama](#)

For most of us, our mother is our first teacher. My mother first showed me compassion and one of the things about her was that she always presented a kind face. As human beings, our lives begin in the shelter of our mother's care and affection, without which we would not survive.

2022-05-09

Monday

Larry, Curly and Mo

Rama: I received a call from **Larry, Curly and Mo** at 11:35 this morning. They said to me, "Lord Rama, the Putin look-alike gave a speech today, tooting Russia's horn about winning World War 2 over the Nazis. Contrary to what history books in the West say, the United States did NOT WIN World War 2; RUSSIA DID!"

"In other news, the Queen will not be opening Parliament tomorrow, Tuesday, because she is having episodes of dementia and wandering around Buckingham Palace, not knowing where she is. Prince Charles and Prince William will address Parliament tomorrow, instead. [See article below.]

"The solar flares and the energies continue to go higher. As you go about your business, and you should see a very large Paschat cat, don't be surprised! It may be one of your relatives! We are all one Galactic family. See you in the Light of the Most Radiant One! Sat Nam! Namaste! Blaze the Violet Fire!"

2022-05-10

Tuesday

Natasha

Rama: I received a face-to-face call from **Natasha** at 11:25 am this morning. She said to me, "Lord Rama, I am at an undisclosed location somewhere in Mongolia."

Then Lady Natasha showed me some pictures of the vast caverns of treasures of the oligarchs, that go all the way back to the 11th, 12th, 13th centuries of the Mongolian Empire.

"The Dark Side has been pawing off these treasures, selling them to the highest bidder on the open market every since the fall of the Berlin Wall since 1989.

"Some of these treasures have been frozen in the ice of Mongolia since about 4,000 B. C. All these treasures have been 'disappeared' by the Forces of Light from the grasp of the Dark Side. [See pictures below.]

"Full Disclosure is in our midst! There are ships being seen navigating past the International Space Station, the ISS. [See picture below.]

"Jupiter has moved into Aries; the continued visibility of ongoing solar flares never ceases to amaze the scientists viewing them daily.

"We are in such an amazing time! We have the ability to create the free energy we require NOW, for Mother Gaia's highest good as well as the highest good of humanity. This is true because the Dark Side has been check-mated and the evidence of the truth of this fact will be presented for all to see S-O-O-O-N.

"Stay in the High Vibes! Sat Nam! Namaste! Blaze the Violet Fire!"

2022-05-08 UFO Fleet Passes Space Station, May 6, 2022, Video, UFO Sighting News.



Date of sighting: May 6, 2022
Location of sighting: Space Station Source NASA
Video: <https://video.ibm.com/recorded/131731068>

I was watching the NASA space station live cam when I decided to look back in their indexed videos archive. I found a UFO fleet in a video from 48 hours ago. The fleet of about 31 disks flew past the space station live cam. I made three views of them...first is an extreme close up, second is a close up, and third is the 100% original. None are retouched, all are original color. Please go to the NASA link I provide to confirm this sighting. Without confirmation, it means little. With confirmation...its not only real, but its actually still on the NASA/IBM site right now. 100% proof that aliens are in Earths orbit and moving in huge groups. Look at how evenly spaced they are and how they seem to be flying in military formation. As if they themselves were about to go to war with another alien species out there that threatens them. It looks like this species has our backs.

Scott C. Waring - Taiwan

2022-05-10 Treasures found in a cave in Mongolia – see report from Natasha, above





2022-05-11

Wednesday

Rosa from Palestine

Rama: I received a call from Rosa from Palestine at 11:55 am, late this morning. She said to me, "Lord Rama, there was a Palestinian-American journalist murdered today; it was done by the IDF forces. The Western media is denying this claim."

Rosa went on to say, "It will be Heaven to pay; this is a War Crime! Yesterday and today were there X-class solar flares. The ships are here where I am, as well as in many other places in Mother Gaia's atmosphere."

"Lord Rama, I have helped people get to the beam, and watched them go up. And for helping people in this way, and for spreading the news that the galactics are here to help the people, I am a wanted person by the IDF. The Poppy Lady issued me a phaser as I need it. Place all these situations in the Circle of Support. There are many places on Mother Gaia that look like Mordor, yet this is the Age of the 6th Sun and the Rainbow Nations are ushering in Sat Yuga. Inshallah! Namaste! Sat Nam! Blaze the Violet Fire!"

2022-05-12

Thursday

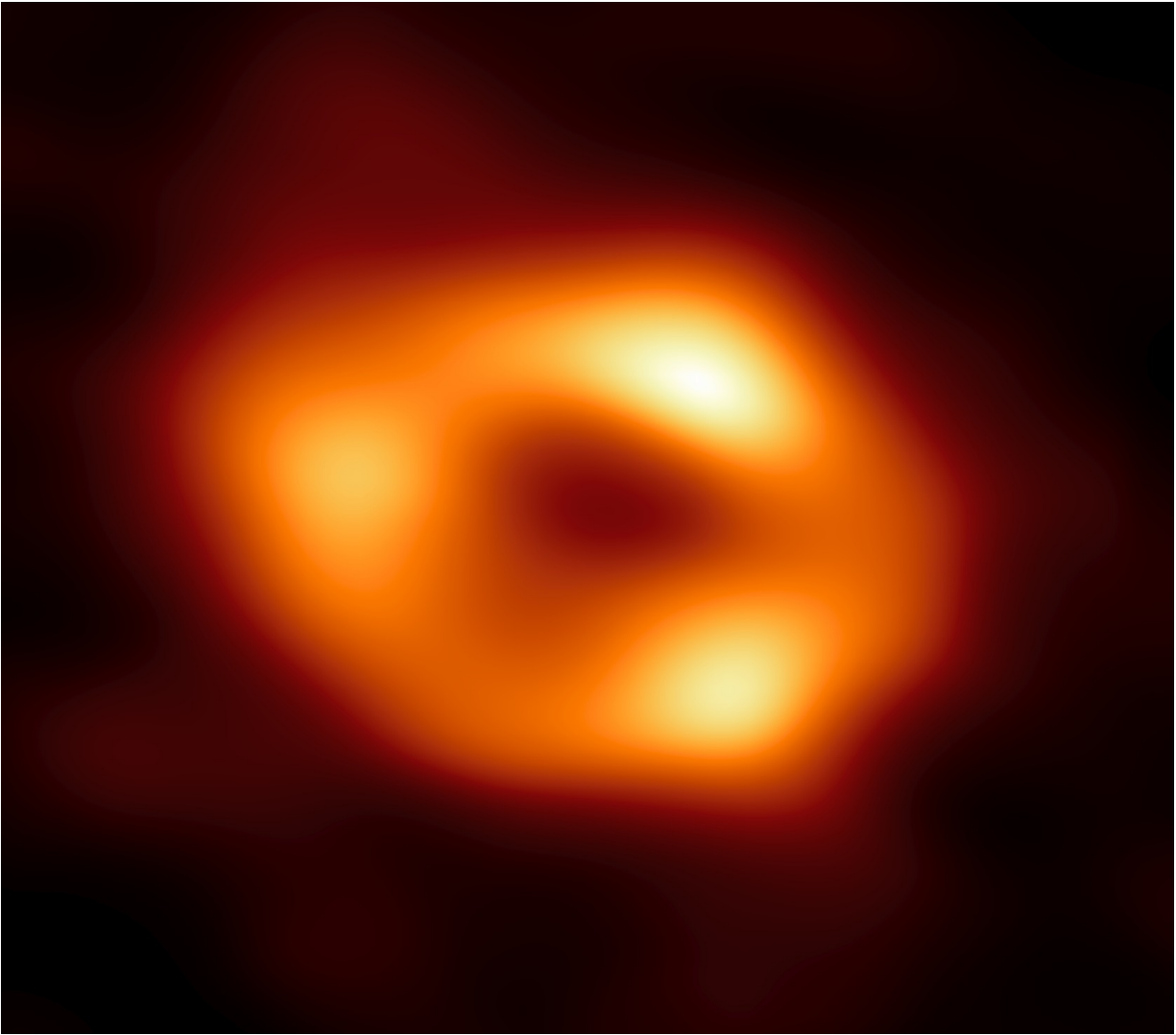
The Poppy Lady

Rama: I received a call from the Poppy lady at 12:15 pm early this afternoon. She said to me, "Lord Rama, I am in an undisclosed location on the Sinai Peninsula, near the Israeli border, and I am here, parked in the Sinai Desert, in this shuttle craft I've been co-piloting now with my Sasquatch co-piloting friend, Fing Delnoor, and crew for the past 4 years."

"There are 4 other Sasquatch crew members, 2 of each, who we have yet to speak about. They are Andromedans and they are healers and very skilled laser surgeons in their specialized fields of medicine. The Andromedan culture is a very complex culture: for starters, they are 20 million years ahead of our present day culture on earth! War has never in these last 20 million years, been a part of their culture!"

The Poppy Lady continued: "Lord Rama, we are here to honour the life of Shireen Abu Akleh, a veteran Palestinian American journalist, working for Al Jazeera. She was shot and killed by Israeli Defense Forces in the Occupied West Bank as she covered an Israeli Army raid on the Jenin Refugee Camp, early yesterday morning. Israel is ethnically cleansing Palestinians EVERY DAY AND HAS BEEN EVERY SINCE ISRAEL BECAME THE 51st STATE OF THE UNITED STATES IN 1949."

"British scientists have taken a picture of the black hole in the middle of the Milky Way Galaxy. This is one of the entrances to the anti-matter universe. Very soon, we will find out by purpose, entrances and exits from our polar universe to the anti-matter universe which is the opposite of the matter universe. At this time, all the Beings of Light are here as we move into this eclipse/Wesak Festival Season, stay centered in the heart of All That Is! Happy Buddha's Birthday in advance! Inshallah! Sat Nam! Namaste! Blaze the Violet Fire! ! !"



First image of the black hole at the centre of the Milky Way

INFORMATION RELATED TO THE DATE OF THE NEWS ITEMS

2022-05-10 4:4 Mercury Retrograde in Gemini +Jupiter Enters Aries

<https://taniagabrielle.com/44-mercury-retrograde-in-gemini/>

Mercury retrograde begins TODAY, May 10th – *in the middle of Eclipse Season!*

The intensity factor is even more magnified with Mercury's presence in Gemini, Mercury's HOME sign.

This powerful Mercury retrograde starts on May **10th** at **4°** Gemini.

Both **4°** and the May **10** Universal Day activate numbers of manifestation.

4 is grounding, secure, disciplined, honorable and focused on making things real and tangible.

10 is the number of Instant Manifestation, creating opportunities for rapid implementation.

Discover the **3 kinds of frequencies** that inspire, uplift and compel you to create at your highest capacity in the new Star Codes Forecast.



<https://youtu.be/GT2z8lnxHMc>

Furthermore... **JUPITER moves into Aries – also on May 10th!**

This is a momentous occasion for Jupiter as it begins a [brand new 12-year cycle](#) around the zodiac.

Discover what qualities Jupiter enhances in Aries, and how Mercury's retrograde in its home sign along with the upcoming Total Lunar Eclipse in Scorpio create a WEEK to REMEMBER!

[Watch the NEW Star Code Forecast here.](#)

Joyful Blessings,
Tania Gabrielle

2022-05-22 Prince Charles's historic Speech for absent monarch: Heir to the throne looked deeply moved as he delivered Queen's Speech for first time

<https://www.dailymail.co.uk/news/article-10803019/Prince-Charless-historic-Speech-absent-monarch-writes-REBECCA-ENGLISH.html>

- **The Prince of Wales read his mothers speech in the House of Lords today**
- **He marked the State Opening of Parliament and sat at the Queen's consort chair**
- **The Queen has missed the ceremony only twice in her reign in 1959 and 1963, both whilst pregnant, when the speech was read by the then Lord Chancellor**
- **She watched from Windsor as her crown, sword and cap represented her**
- **On either side of Charles were William and Camilla, the Duchess of Cornwall**

By [Rebecca English For Daily Mail](#)

The Prince of Wales appeared deeply moved as he delivered **the Queen's** Speech for the first time yesterday.

The heir to the throne, resplendent in his Royal Navy uniform, was seen staring intently at his mother's crown which was symbolically laid on a table in place of her throne.



Prince Charles, the Prince of Wales reads the Queen's Speech as he sits by the Imperial State Crown, in the House of Lords chamber, during the State Opening of Parliament, at the Houses of Parliament, in London today

In an 11th-hour decision, Buckingham Palace announced on Monday that the Queen had 'reluctantly' decided to pull out of this year's State Opening of Parliament due to ongoing mobility problems.

Instead, she watched the proceedings on television from Windsor as her son took on one of her most significant constitutional duties.

She had previously missed the ceremony only twice in her reign – in 1959 and 1963 when she was pregnant with Prince Andrew and Prince Edward respectively – when the speech was read by the then Lord Chancellor.

This time, she took legal steps – issuing what is known as Letters Patent – to give Charles and the Duke of Cambridge power to conduct the ceremony on her behalf. The event marked a significant shift in their responsibilities as a future monarch and Prince of Wales – and many viewed their presence in the House of Lords together as a poignant symbol of things to come.



The Prince of Wales (R) looks at The Imperial State Crown (L) being removed after delivering a speech in the House of Lords Chamber during the State Opening of Parliament at the Houses of Parliament, in London, on May 10, 2022

The 73-year-old prince sat not on the sovereign's throne but on the consort's, which used to be occupied by the Duke of Edinburgh and which Charles has used in recent years.

A space remained next to him, where the Queen's missing throne is usually placed, with the monarch's Imperial State Crown in front on a velvet cushion.

It was taken to the House of Lords, along with other royal regalia – namely the Sword of State and the Cap of Maintenance – to represent the Queen.

On either side of Charles were William, who was attending for the first time, and the Duchess of Cornwall in an elegant navy coat and hat. The heir to the throne delivered the speech in the third person, using 'Her Majesty's Government'.

Less than 24 hours before the event, Buckingham Palace were still saying that the Queen 'hoped' to attend.

But there was no doubt that the high-profile ceremony would have been physically gruelling for her, despite steps being taken to minimise her need to walk.

Her Majesty has taken the lift into the building since 2016 and officials had discreetly discussed a private 'wheelchair-friendly route'. However, she would still have been required to walk into the chamber and deliver a lengthy public address.

It is understood that she has no new symptoms but is continuing to experience what officials describe as 'episodic mobility problems' that have dogged her since last year.

Aides stressed that, contrary to speculation, the decision not to attend had only been taken at the last minute. However contingency plans had long been put in place just in case.

They also stressed that the Queen has a 'busy diary' this week including a call with Australia yesterday, a planned 'virtual' Privy Council meeting and her weekly audience with Boris Johnson tomorrow by phone.

She is also expected to undertake some private engagements later in the week, attending the Royal Windsor Horse Show for a jubilee event in her honour on Sunday night.

THE ORACLE REPORT

Moon in Virgo

First Quarter Moon Phase: step out of your comfort zone

Higher Octaves: discerning what is missing or what is not quite right, looking for clues, essential, clear indications, freedom found within, facing an issue or the consequences of an issue, home, sustenance, revitalized, new light, new solution to old ideas, quantum, a soldier resists orders

Lower Octaves: pitfalls of automation, lack of courage, astray, over the top, holding back, disregard, undervaluing, rejection

MISSION: embrace beginnings

Take a deep breath and let it out, wise owls. We have come to a wonderful turning point!

Jupiter emerges from the Ocean of Pisces to enter the Flames of Aries at 7:23 pm EST. The Sabian symbol for 01 Aries is "a woman has risen out of the ocean; a seal is embracing her."

The Sabian symbols reportedly were drawn randomly. This is the symbol that was written to correspond with the beginning of the zodiac. It is perfect that the woman leaves the ocean (Pisces, the end of the zodiac) and is met with an embrace.

At this point in the end of the End Times/beginning of Second Renaissance, the "seal" is not an animal. The "seal" is the embrace of God that "seals" the individual in golden light. It's ultra violet.

When Jupiter enters Aries, a torch is lit. Jupiter is carrying that torch throughout the next year to May 16, 2023, when Jupiter enters Taurus. Today, when Jupiter enters Aries, a reverberation occurs. All of the planets are refreshed because all of the planets are in phase with Jupiter. (All of the planets are in always in phase to each other.) Today, Jupiter gives them a refresh.

All of the planets and the Sabian symbols they are discharging undergo a "flavor of rebirth" toward a higher octave. Jupiter expands everything beyond measure, and this time MEASURES IT UP.

So you can see the wave that Jupiter is reverberating. It disrupts the archons and their minions. It sets them off balance. It is hard hit.

The Gnostic texts tell us that the archons are blind. They certainly are blind to the effects of higher-ordered spirituality of 5D. They are trying to plug in to a world that doesn't recognize their current. Nothing works for them. They perceive Jupiter's wave as fear, so they react. People with archontic attachments react.

The nwo/Phoenicians see Jupiter's return to begin another round of the zodiac as "Lucifer's return." They have plans - false flags - they are preparing to launch in the name of Lucifer. They think it's their time to uncloak. Truly, their time is up.

We are playing out the End Times, but we are also totally focused on trailblazing Second Renaissance. We maintain equilibrium in the Pool of Pluto as the waves pass us by, one after another, as each planet rises up a notch.

It is a wonderful day — a turning point in the world righting itself. Let's honor it.

Aspect of the Aeon Sophia (Wisdom): Tara, Who Guides Through Troubles

Aspect of the Aeon Thelete (Will): Ian of the East

Sabian Symbol for the Solar-Lunar Month: "a woman sprinkling flowers" (rest)

Sabian Symbol for the Solar-Lunar Year: "a flock of wild geese" (seek freedom based on your nature)

IN GOD WE TRUST

2022-05-12 Astronomers reveal first image of the black hole at the heart of our galaxy

<https://eventhorizontelescope.org/blog/astronomers-reveal-first-image-black-hole-heart-our-galaxy>

Astronomers have unveiled the first image of the supermassive black hole at the centre of our own Milky Way galaxy. This result provides overwhelming evidence that the object is indeed a black hole and yields valuable clues about the workings of such giants, which are thought to reside at the centre of most galaxies. The image was produced by a global research team called the Event Horizon Telescope (EHT) Collaboration, using observations from a worldwide network of radio telescopes.

The image is a long-anticipated look at the massive object that sits at the very centre of our galaxy. Scientists had previously seen stars orbiting around something invisible, compact, and very massive at the centre of the Milky Way. This strongly suggested that this object — known as Sagittarius A* (Sgr A*, pronounced "sadge-ay-star") — is a black hole, and today's image provides the first direct visual evidence of it.

Although we cannot see the black hole itself, because it is completely dark, glowing gas around it reveals a telltale signature: a dark central region (called a "shadow") surrounded by a bright ring-like structure. The new view captures light bent by the powerful gravity of the black hole, which is four million times more massive than our Sun.

"We were stunned by how well the size of the ring agreed with predictions from Einstein's Theory of General Relativity," said EHT Project Scientist Geoffrey Bower from the Institute of Astronomy and Astrophysics, Academia Sinica, Taipei. *"These unprecedented observations have greatly improved our understanding of what happens at the very centre of our galaxy, and offer new insights on how these giant black holes interact with their surroundings."* The EHT team's results are being published today in a [special issue of The Astrophysical Journal Letters](#).

Because the black hole is about 27,000 light-years away from Earth, it appears to us to have about the same size in the sky as a donut on the Moon. To image it, the team created the powerful EHT, which linked together eight existing radio observatories across the planet to form a single "Earth-sized" virtual telescope [1]. The EHT observed Sgr A* on multiple nights, collecting data for many hours in a row, similar to using a long exposure time on a camera.

The breakthrough follows the EHT collaboration's 2019 release of the first image of a black hole, called M87*, at the centre of the more distant Messier 87 galaxy.

The two black holes look remarkably similar, even though our galaxy's black hole is more than a thousand times smaller and less massive than M87* [2]. *"We have two completely different types of galaxies and two very different black hole masses, but close to the edge of these black holes they look amazingly similar,"* says Sera Markoff, Co-Chair of the EHT Science Council and a professor of theoretical astrophysics at the University of Amsterdam, the Netherlands. *"This tells us that General Relativity governs these objects up close, and any differences we see further away must be due to differences in the material that surrounds the black holes."*

This achievement was considerably more difficult than for M87*, even though Sgr A* is much closer to us. EHT scientist Chi-kwan ('CK') Chan, from Steward Observatory and Department of Astronomy and the Data Science Institute of the University of Arizona, US, explains: *"The gas in the vicinity of the black holes moves at the same speed — nearly as fast as light — around both Sgr A* and M87*. But where gas takes days to weeks to orbit the larger M87*, in the much smaller Sgr A* it completes an orbit in mere minutes. This means the brightness and pattern of the gas around Sgr A* was changing rapidly as the EHT Collaboration was observing it — a bit like trying to take a clear picture of a puppy quickly chasing its tail."*

The researchers had to develop sophisticated new tools that accounted for the gas movement around Sgr A*. While M87* was an easier, steadier target, with nearly all images looking the same, that was not the case for

Sgr A*. The image of the Sgr A* black hole is an average of the different images the team extracted, finally revealing the giant lurking at the centre of our galaxy for the first time.

The effort was made possible through the ingenuity of more than 300 researchers from 80 institutes around the world that together make up the EHT Collaboration. In addition to developing complex tools to overcome the challenges of imaging Sgr A*, the team worked rigorously for five years, using supercomputers to combine and analyse their data, all while compiling an unprecedented library of simulated black holes to compare with the observations.

Scientists are particularly excited to finally have images of two black holes of very different sizes, which offers the opportunity to understand how they compare and contrast. They have also begun to use the new data to test theories and models of how gas behaves around supermassive black holes. This process is not yet fully understood but is thought to play a key role in shaping the formation and evolution of galaxies.

“Now we can study the differences between these two supermassive black holes to gain valuable new clues about how this important process works,” said EHT scientist Keiichi Asada from the Institute of Astronomy and Astrophysics, Academia Sinica, Taipei. *“We have images for two black holes — one at the large end and one at the small end of supermassive black holes in the Universe — so we can go a lot further in testing how gravity behaves in these extreme environments than ever before.”*

Progress on the EHT continues: a major observation campaign in March 2022 included more telescopes than ever before. The ongoing expansion of the EHT network and significant technological upgrades will allow scientists to share even more impressive images as well as movies of black holes in the near future.

Notes

[1] The individual telescopes involved in the EHT in April 2017, when the observations were conducted, were: the Atacama Large Millimeter/submillimeter Array (ALMA), the Atacama Pathfinder Experiment (APEX), the IRAM 30-meter Telescope, the James Clerk Maxwell Telescope (JCMT), the Large Millimeter Telescope Alfonso Serrano (LMT), the Submillimeter Array (SMA), the UArizona Submillimeter Telescope (SMT), the South Pole Telescope (SPT). Since then, the EHT has added the Greenland Telescope (GLT), the Northern Extended Millimeter Array (NOEMA) and the UArizona 12-meter Telescope on Kitt Peak to its network.

[ALMA](#) is a partnership of the European Southern Observatory (ESO; Europe, representing its member states), the U.S. National Science Foundation (NSF), and the National Institutes of Natural Sciences (NINS) of Japan, together with the National Research Council (Canada), the Ministry of Science and Technology (MOST; Taiwan), Academia Sinica Institute of Astronomy and Astrophysics (ASIAA; Taiwan), and Korea Astronomy and Space Science Institute (KASI; Republic of Korea), in cooperation with the Republic of Chile. The Joint ALMA Observatory is operated by ESO, the Associated Universities, Inc./National Radio Astronomy Observatory (AUI/NRAO) and the National Astronomical Observatory of Japan (NAOJ). [APEX](#), a collaboration between the Max Planck Institute for Radio Astronomy (Germany), the Onsala Space Observatory (Sweden) and ESO, is operated by ESO. The [30-meter Telescope](#) is operated by IRAM (the IRAM Partner Organizations are MPG (Germany), CNRS (France) and IGN (Spain)). The [JCMT](#) is operated by the East Asian Observatory on behalf of the Center for Astronomical Mega-Science of the Chinese Academy of Sciences, NAOJ, ASIAA, KASI, the National Astronomical Research Institute of Thailand, and organizations in the United Kingdom and Canada. The [LMT](#) is operated by INAOE and UMass, the [SMA](#) is operated by Center for Astrophysics | Harvard & Smithsonian and ASIAA and the UArizona [SMT](#) is operated by the University of Arizona. The [SPT](#) is operated by the University of Chicago with specialized EHT instrumentation provided by the University of Arizona.

The Greenland Telescope ([GLT](#)) is operated by ASIAA and the Smithsonian Astrophysical Observatory (SAO). The GLT is part of the ALMA-Taiwan project, and is supported in part by the Academia Sinica (AS) and MOST. [NOEMA](#) is operated by IRAM and the [UArizona 12-meter telescope at Kitt Peak](#) is operated by the University of Arizona.

[2] Black holes are the only objects we know of where mass scales with size. A black hole a thousand times smaller than another is also a thousand times less massive.

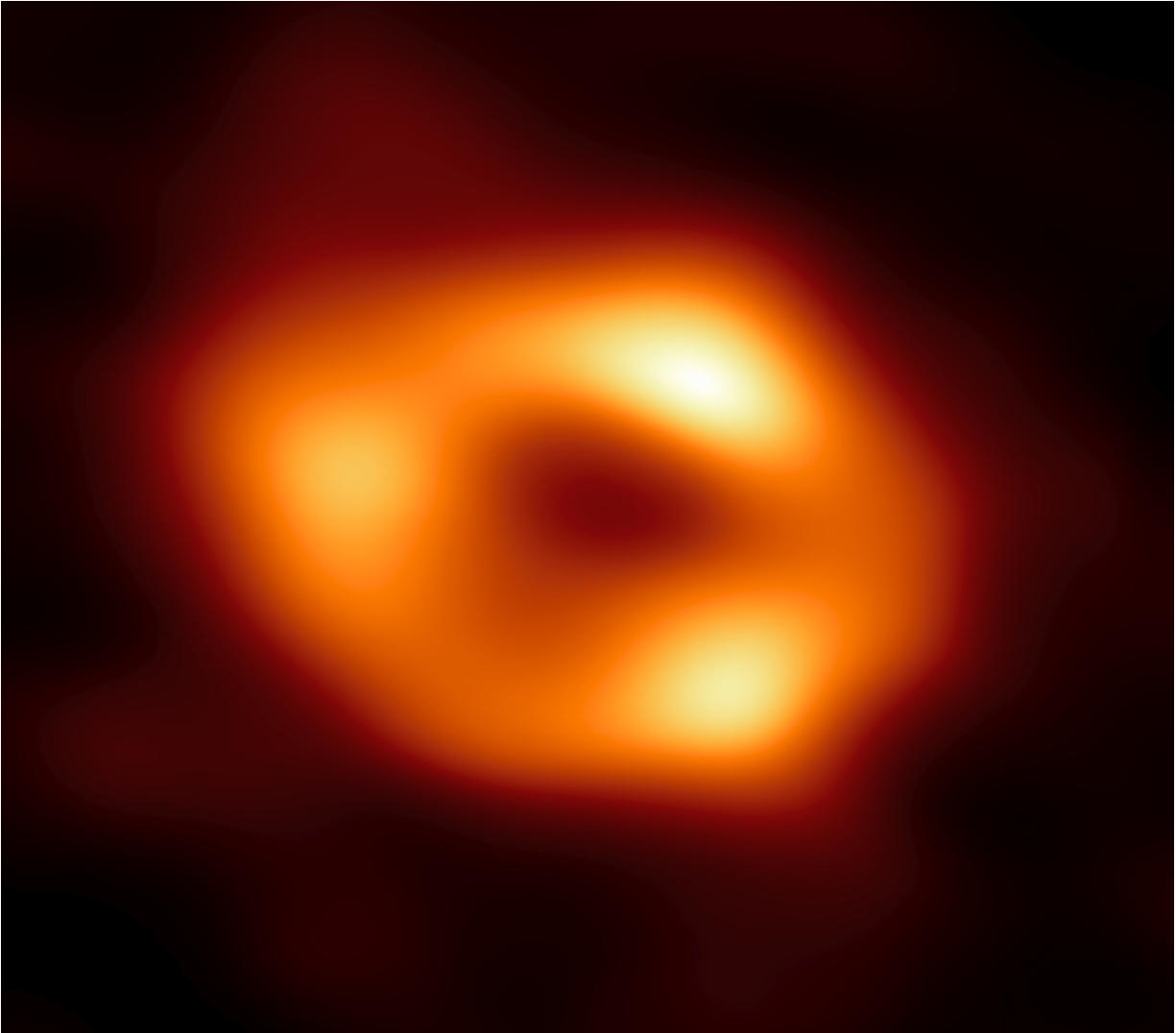
More information

The EHT consortium consists of 13 stakeholder institutes; the Academia Sinica Institute of Astronomy and Astrophysics, the University of Arizona, the Center for Astrophysics | Harvard & Smithsonian, the University of Chicago, the East Asian Observatory, Goethe-Universität Frankfurt, Institut de Radioastronomie Millimétrique, Large Millimeter Telescope, Max Planck Institute for Radio Astronomy, MIT Haystack Observatory, National Astronomical Observatory of Japan, Perimeter Institute for Theoretical Physics, and Radboud University.

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First image of the black hole at the centre of the Milky Way

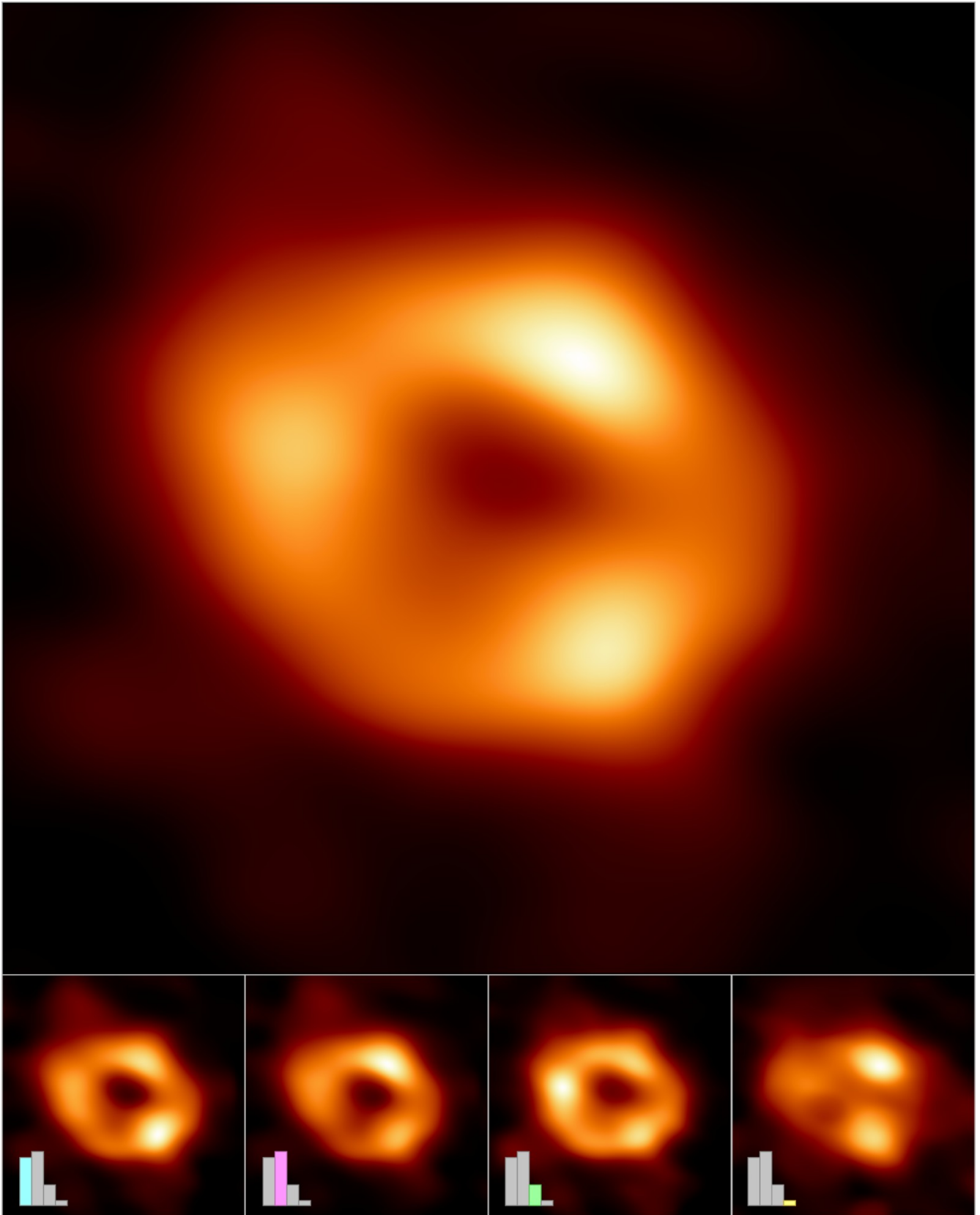
This is the first image of Sagittarius A* (or Sgr A* for short), the supermassive black hole at the centre of our galaxy. It's the first direct visual evidence of the presence of this black hole. It was captured by the Event Horizon Telescope (EHT), an array which linked together eight existing radio observatories across the planet to form a single "Earth-sized" virtual telescope. The telescope is named after the "event horizon", the boundary of the black hole beyond which no light can escape.

Although we cannot see the event horizon itself, because it cannot emit light, glowing gas orbiting around the black hole reveals a telltale signature: a dark central region (called a "shadow") surrounded by a bright ring-like structure. The new view captures light bent by the powerful gravity of the black hole, which is four million times more massive than our Sun. The image of the Sgr A* black hole is an average of the different images the EHT Collaboration has extracted from its 2017 observations.

Credit: EHT Collaboration

Full resolution image: Square: [[TIFF](#) | [JPEG](#)] Wide background: [[TIFF](#) | [JPEG](#)]

Making of the image of the black hole at the centre of the Milky Way The Event Horizon Telescope (EHT) Collaboration has created a single image (top frame) of the supermassive black hole at the centre of



our galaxy, called Sagittarius A* (or Sgr A* for short), by combining images extracted from the EHT observations. The main image was produced by averaging together thousands of images created using

different computational methods — all of which accurately fit the EHT data. This averaged image retains features more commonly seen in the varied images, and suppresses features that appear infrequently.

The images can also be clustered into four groups based on similar features. An averaged, representative image for each of the four clusters is shown in the bottom row. Three of the clusters show a ring structure but, with differently distributed brightness around the ring. The fourth cluster contains images that also fit the data but do not appear ring-like.

The bar graphs show the relative number of images belonging to each cluster. Thousands of images fell into each of the first three clusters, while the fourth and smallest cluster contains only hundreds of images. The heights of the bars indicate the relative "weights," or contributions, of each cluster to the averaged image at top.

Image credit: EHT Collaboration

Full resolution image: [[TIFF](#) | [JPEG](#)]

Institutional Press Releases (in alphabetical order)

- European Southern Observatory: [Astronomers reveal first image of the black hole at the heart of our galaxy](#)
- Institute of Advanced Studies: [Astronomers reveal first image of the black hole at the heart of our galaxy](#)
- Max-Planck-Institut für Radioastronomie: [Astronomers reveal first image of the black hole at the heart of our galaxy](#)
- National Astronomical Observatory of Japan: [link](#)
- National Radio Astronomy Observatory: [Astronomers reveal first image of the black hole at the heart of our galaxy](#)
- National Science Foundation: [We got it! Astronomers reveal first image of the black hole at the heart of our galaxy](#)

Additional material

- [Map](#) of the EHT collaboration including all telescopes and institutions participating at the observing campaign (credit: Jan Roeder, MPIfR)
- Video: [Meet Sgr A*: Zooming into the black hole at the centre of our galaxy](#) (European Southern Observatory)
- Additional visuals can be found [here](#).

CONTINUED CONVERSATION

COR: listening to Native America Calling – the firefighters are rising up to do their work- if the dark ones want to keep people down, this kind of event does not help – people always rise to the highest levels in times of crisis

Caller: Maitraya gives out 4 blessings in a year – the Spring ones and at Christmas – any time
On Sunday, any time between 3 and 4, tune in to be part of the energies of the blessing; focus on the crown chakra

- reads a short paragraph about the energies

PCC: reminder of the usefulness of the article on the Total Lunar Eclipse triggering Planetary Dragon Lines
2022-05-11 **Total Lunar Eclipse triggering Planetary Dragon Lines**
[https://www.heavenandearthcommunity.co.uk/blog/2022/5/16-total-lunar-eclipse?
fbclid=IwAR2AyBVFgEWwjepFS3KNetook3Qg3ZeFZ82ShwcmXkjeeUycwIQfkSWwxjM](https://www.heavenandearthcommunity.co.uk/blog/2022/5/16-total-lunar-eclipse?fbclid=IwAR2AyBVFgEWwjepFS3KNetook3Qg3ZeFZ82ShwcmXkjeeUycwIQfkSWwxjM)

- discussion about sky angels 8:35 pm

T: An amusing picture sent out from Penny by e-mail:

- describes a dog sitting on a deck, watching a skunk eating the food from her bowl
- The qualities to be learned? Patience and wisdom! ! !

• brings up the news item by Chris Hayes:

- a member serving in Congress has been subpoenaed by Congress: first time this has happened!
- Market has taken a beating for the 2nd time

Caller: re Omena's comments about Assange -

about her right shoulder and the tingling she feels there: saw light when Penny spoke of our having a connection during the Templar times: has

- O: about Caller and Penny - both connected during time of Inquisition - the Spanish part - 16th and 17th century; caller was a gate keeper, Penny was a torturer: both males in the army - fighting for god, doing all in the name of God! ! !

- #2 difficult relationship with her mother: feeling more neutrality - and when she woke up the next morning, heard Anne Boleyn in her head: looked up the history - What about this?

- Caller's mother's first name Dixie: no, she was not Ann Boylen and yes, Ann B was beheaded - that's what caller feels when talking to her mother: she takes her head off - don't lose your head over your mother . . .

- Reminds caller to send lots of Love and Light on their journey - helps her get Love and Light on her own journey

- Sunday, Monday - good days to let something go - a relationship or something ending within self - what do we want to let go of???

COR: agrees - the waning moon also a good time to release - people telling her the same thing

O: A lot of people are leaving the earth right now - on a soul level - the majority of souls on the earth are spiritually lazy and choose to leave it - we are not thinking on a universal level when we wonder why people are leaving

Ph from VA: something based on symbolic geometry grounded in VA where he is: The Trinity Point Project

a great discussion -

LISTEN TO THE PODCAST

COR: FROM St Germain - the coming new levels of expressions of Divine Justice is the magic we seek and it's riding in to the planet in great waves! ! ! !

VIN: BLAZE THE VIOLET Fire! Let go of what no longer serves in our lives! Embrace what serves . . .

COR: confirms the same thing - and so does RamaThanks to the listeners

- and a reminder to contribute to R and T so they can continue with galactic good news

CLOSING MUSIC:

I Believe in the Good Things Coming

Nahko and Medicine for the People

<https://www.youtube.com/playlist?list=PL3WYI0YF8eDpqRxBjyIQ6noJqH9mgx58z>

7:48 minutes