



2020 December Celestial Timings by Cayelin K Castell

December 2020 features Venus Moon Occultation, Total Solar Eclipse, Super Rare Jupiter Saturn Conjunction on the December Solstice and the spectacular Geminids etc...

Completing 2020 with Immense Gratitude

In addition to expressing appreciation and gratitude every day for our lives together, the beauty all around us, the time we get to spend together and all the joyous magic we experience every day, Peter and I often take time to hike in places that inspire awe and gratitude. The image here is in



Catalina State Park near Tucson taken just three days before Thanksgiving 2020.

Give yourself a gift of five minutes of contemplation in awe of everything you see around you. Go outside and turn your attention to the many miracles around you. This five-minute-a-day regimen of appreciation and gratitude will help you to focus your life in awe.

~Wayne Dyer

As we enter the last month of 2020 you might consider what you are grateful for this year? If this speaks to you it is helpful to spend a few days making a list. Here are just a few I feel inspired to share that may help jump start your own:

I am deeply and profoundly grateful for:

My Life and My Healthy Body, Mind, Heart and Spirit

My BHE (Best Husband Ever) Peter Klein

Our Growing Love and FUN times together

The New Website Peter is creating for me (WOW) stay tuned...

My Beautiful New Home (still new to me nearly 4 years later) in Tucson, Arizona

Getting to live a life filled with Joy and LOVE

My Family (my 4 amazing grown children & our new Grandbaby Gryffin Ryder)

My Growing Opportunities – even the ones I don't like

My Friends and co-conspirators in Dreaming the New Earth



Venus In Scorpio with Moon Occultation and the Seasonal Between

Embracing death is the key to life. Venus (the divine feminine) in Scorpio as December begins supports her continued descent into the underworld where Inanna or Venus dies to who she believes herself to be so she can be reborn to who she truly is.

Plus Venus is with the stars Zubenelgenubi and Zubenelshamali the main stars of the Scales sometimes weighing the heart and once seen as the claws of the Scorpion. <https://cayelincastell.com/zubenelgenubi-star-gate/>



These two bright stars of the Scales have been seen as marking the pans of the scales that weigh the sufficient and insufficient price. <http://www.constellationsofwords.com/Constellations/Libra.html>

According to Ray Bogucki historically these stars were turned into a separate constellation and added to the zodiacal constellations when Julius Caesar needed another constellation for his 12 month calendar...

Roman astronomers solved the problem by turning the scorpion's claws into the Scales, making this constellation the only inanimate object in the Zodiac. The history of this event is preserved in the Arabic names for the two brightest stars, Zuben Eschamali (zoo-BEN ess-shah-MAH-lee) and Zuben el Genubi (zoo-BEN-el-jeh-NOO-bee) or the Northern Claw and Southern Claw.

Interestingly Scorpions use their claws for making love and killing their prey, so it is not surprising that these stars (especially Zubenelgenubi closest to the Ecliptic) have been connected with dramatic historical events. Stay tuned for future insights about this.



Venus in December at Sacral Chakra Gate with a Powerful Moon Occultation

Venus is rising over two hours before the Sun as December begins and only 90 minutes before the Sun as December ends shining at a -3.9 magnitude throughout the entire month.

Venus is being occulted by the Moon on December 12 just two days before the Total Solar Eclipse.



This Moon occultation of Venus is potentially visible in western North America, Alaska, Hawaii and eastern Russia. All of these places will get to see a sliver of the Crescent Moon occulting the planet Venus with a telescope or binoculars (because the Moon is only 5% lit and just 25° ahead of the Sun in full daylight. (This image shows you what to look for)



For those who live in the Pacific time zone or further west Venus and the Moon are beautiful in the morning sky just before Dawn separated by only 2 1/2°. Those on the East Coast will see the Moon Venus pairing at around 4° apart.

In Denver Colorado the disappearance of Venus behind the Moon occurs at 2:29 PM just 7° above the horizon. The reappearance is not visible.

In Mazatlan the disappearance of Venus behind the Moon is at 2:48 PM just 12° above the horizon. The reappearance is not visible.

In San Francisco the disappearance is at 1:11 PM and Venus reappears at 2:18 PM about 21° above the horizon.

In Anchorage Alaska the disappearance occurs at 11:14 AM and reappears at 12:04 PM just 14° above the horizon.

In Honolulu Hawaii the disappearance occurs at 10:13 AM and reappears at 11:36 AM an impressive 50° above the horizon.

These daytime occurrences require a telescope, binoculars or some other enhancement to see the Moon occulting Venus but the affects will be powerfully felt and can be further activated with our intention and attention.

Venus is passing super close to the double star Beta Scorpii (a.k.a Acrab at 3 Sagittarius 26 in the constellation of the Scorpion <https://www.constellationsofwords.com/stars/Acrab.html> on the morning of December 18.

Venus shines 5.6° north of Antares <https://cayelincastell.com/antares-near-the-heart-of-the-galaxy/>. Venus is about 100 times brighter than Antares on the morning of December 23.

The Scorpio Venus Sacral Chakra Gate and the Solstice Between

One of the most challenging, scary places is the space between what is dying and what is birthing. The empty void is where everything IS and ISn't, where unmanifest potential exists before birthing into manifestation.

Not only is Venus in Scorpio emphasizing these between mysteries but we are also between a year that is ending and new one beginning defined by the December Solstice located in an area of the sky that tells us we are also between major cycles – a great year (of 26,000 years) that is ending and a new one beginning. The transition phase is from at least 1962 to 2034 (a 72 year window) but perhaps even longer from 1926 to 2070 (a 144 year window).

This is a natural process that happens without or without our cooperation. Even if we resist with all that we are – the Sun sets on the day that is – before rising on a new day. The seasons continue to change and we are powerless to stop it.

So why not surrender, trust the process and choose to be the seeds for a New Earth, a new time, a new way of being? This is about Rising from the ashes of the old into a brighter, more magical, more fulfilling new day, new year and new galactic cycle.

To find out more about how to ceremonially work with the current Venus Journey visit <https://venusalchemy.com> where you will find videos, articles and our latest offerings.

**Venus Alchemy Journey
with the New World Story Teller
Rainbow Gemini Goddess Initiation**

**No Previous Knowledge of Astrology Is
Necessary to Be a Part of This Ceremonial Journey**

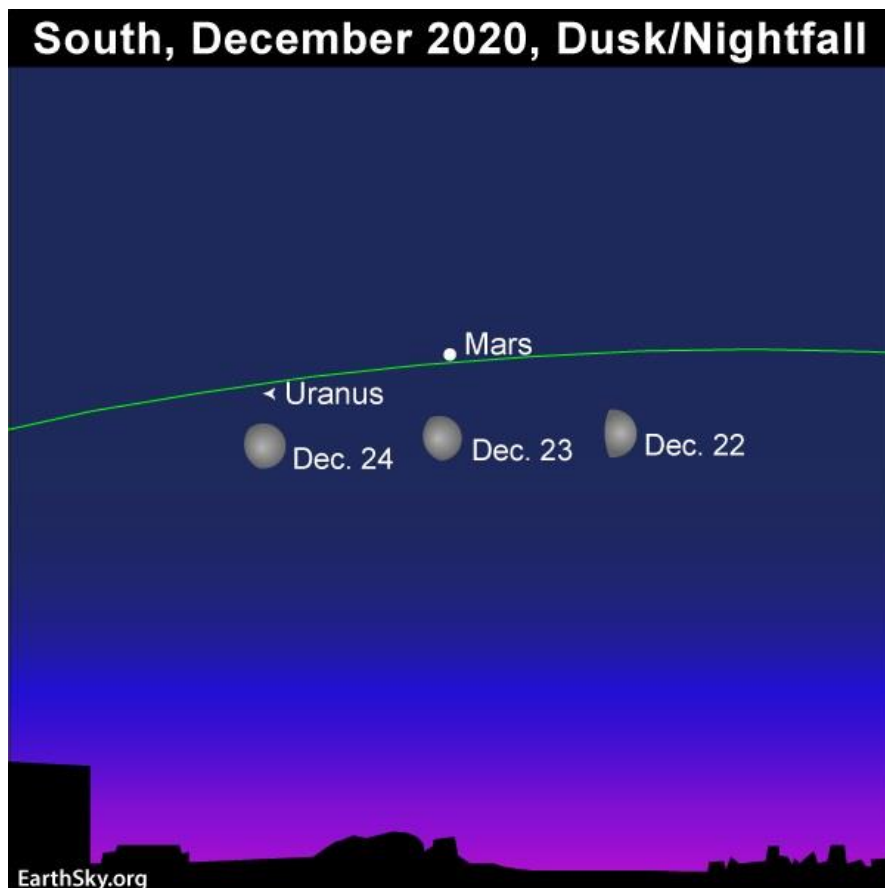
**The Journey has begun but you can still join us.
Details are here <https://venusalchemy.com/gemini-morning-star-journey-details/>**

Mars in December 2020

Mars reaches its highest point (the meridian) before 8:30 PM on December 1 and by December 31 Mars reaches this point around 7 PM visible in the constellation of the fish. Mars is fading from a -1.1 magnitude to -0.3 magnitude this month.

The Moon catches up to Mars (24 Aries) on December 23 visible approaching Mars on December 22 and just passed Mars on December 24.

Mars is near Eris (24 Aries) the Goddess of Chaos and Discord on December 23 with the Moon
<https://cayelincastell.com/eris/>



A Total Solar Eclipse December 14

Accelerating the ancient power of dreaming into our Future Reality NOW

A total solar eclipse occurs when the Moon covers the face of the Sun as seen from Earth. This means the Sun, Moon and Earth are in a direct line similar to the tumblers in a combination lock – unlocking and opening possibilities into new awareness, insights and ways of living.

The complete coverage of the Moon over the Sun creates an experience of night during daytime hours giving us an opportunity to experience the gift of the dark within the light.

In our world of duality both are equally important and worthy of our understanding as life in this reality would not exist without them both. One is not better or more important than the other. Both are essential.

The totality of this eclipse is through Chile and central Argentina. The rest of the southern half of South America will view a partial eclipse. [How to safely view the Sun](#)

This Total Solar Eclipse is creating a dreamtime portal we can access if we choose it as the Sun and Moon are also aligned with the star Rasalhague, the crown chakra star in the constellation of Ophiuchus, the Serpent Bearer. <https://cayelincastell.com/rasalhague-crown-chakra-star-of-ophuichus/>

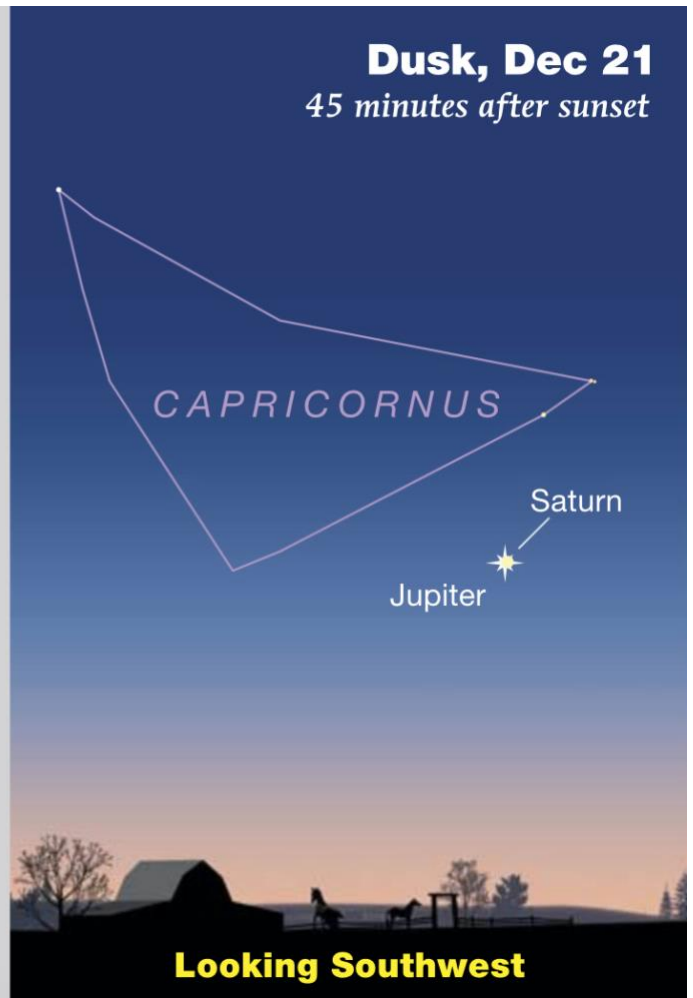
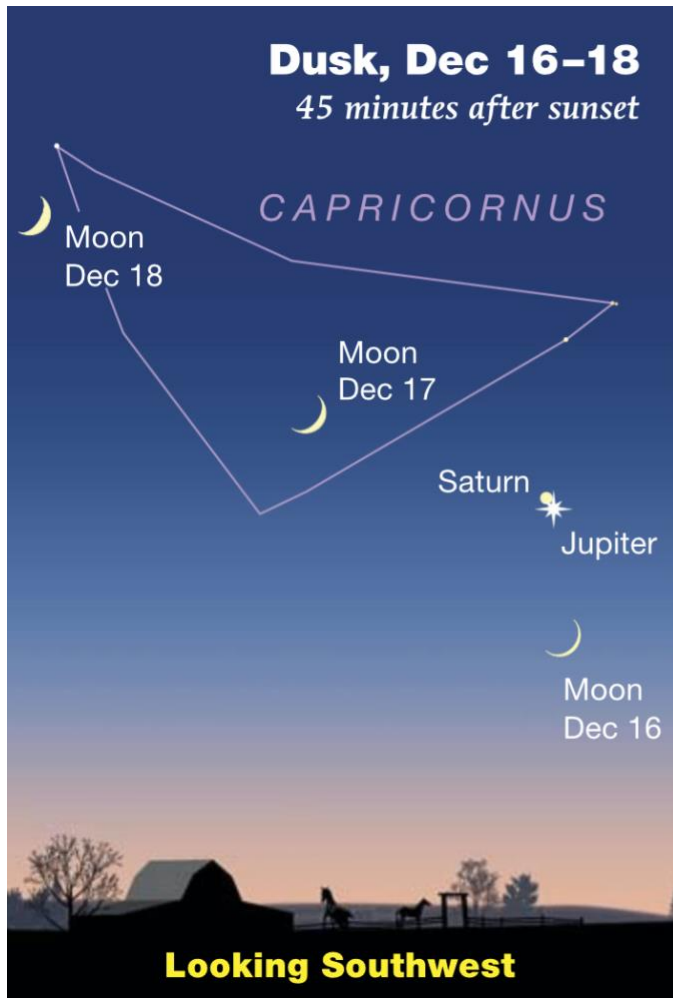
One way to enhance your experience of this eclipse is to pay attention to your dreams. What are you dreaming about while awake and asleep?

This link has details about the precise start and end times of the 2020 solar eclipse calculated for your location, as well as eclipse maps and other tables [NASA's Eclipse website](#).

For those not in the path of the eclipse, [this link has options to view it online](#).

It will be December 4, 2021 before we have the next total solar eclipse where visible totality is limited to some parts of Antarctica. Find more information at [NASA's eclipse site](#)





Jupiter and Saturn in Aquarius

A New 200+ Year Cycle Begins

Saturn and Jupiter in Aquarius Speaks:

When the mind is open

Wisdom can enter!

Looking ahead to when Jupiter in Pisces Speaks:

When the mind and heart are open

Wisdom is Guaranteed!

A Loving
heart is
the
truest
form of
Wisdom

Saturn was in Aquarius from March 21, 2020 to March 07, 2023 - then it dipped back into Capricorn from July 1, 2020 re-entering Aquarius on December 16 where it remains for the next couple of years.

Saturn in Aquarius reminds us our divine destiny (and the Earth's) is to Co-Create a NEW reality based in the principles of Universal Divine Love, Divine Order, Divine Justice, and Divine Knowing or a conscious understanding emanating from the heart of the Creative Life Force, Higher Power, Divine Intelligence or whatever name feels best to you. More here - <https://youtu.be/ONf3axtPGOc>

Saturn in Aquarius is about assessing the antiquated structures of our reality, tearing them down, and building new innovative, sustainable structures that support and further the Aquarian dispensation that says: *everyone should have the freedom to determine their own evolutionary or spiritual path as long as it does NO HARM to any sentient life – including the Earth.*

This brings to mind the golden rule: treat others the way you want to be treated. Or better yet **the Platinum Rule: treat others the way THEY want to be treated.**

In our current reality there are many behind the scenes doing their best to manipulate our perspective to serve their own agenda completely missing the reality that whatever is happening to any of us is happening to all of us.

Jupiter enters Aquarius December 19 expanding and inspiring our vision of what is possible in new, revolutionary, innovative, creative ways. This is timely as **Jupiter and Saturn come together in Aquarius for the first time in 615 years.**

Any planet in Aquarius values freedom, especially the freedom to think in ways that are revolutionary promoting evolutionary possibilities. With this in mind remember to question everything and feel into your own truth of what is real.

With the Aquarian focus it is time to actively consider implementing Universal Love as the most sustainable way for us to navigate these uncertain times. From a universal visionary perspective Love is the Answer. ❤️

What we are seeing from many of those who are governing our world (mostly in the shadows) is how the love of power is their guiding principle. Those caught up in gaining power over others don't know - or choose to remember - that it is the power of love that transforms everything in the blink of an eye!

But we know - so if enough of us use the power of love as our guiding principle we WILL transform this world more quickly than we may have imagined.



Questions to be with are:

- How can I love as much as possible in every moment even in the most challenging times?
- How can I stay attuned to the high vibrational energy of Love no matter what is happening in my outer world?
- What would it take to dismantle the old limiting structures and create new, innovative, expansive structures where we are all free to express what is ours to express, be what is ours to be, live what is ours to live?

The Pattern of Jupiter Saturn Conjunctions

About every 20 years Jupiter and Saturn come together and every 60 years they return near the same sign as 60 years before shifting slightly through the elements - staying in an element around 200 years.

When we look at the current situation considering the first and last appearance of the air element in Libra in 1980 and the last appearance of the Air Element in Aquarius in this cycle is 2199 - so the range of time the Jupiter Saturn conjunctions are in Air (with a dip back into Earth in 2000) is 219 years from 1980 to 2199.



Prior to 1980 the last Jupiter Saturn conjunction in Libra had been July 19, 1306 meaning it had been 674 years since the last time Jupiter and Saturn had come together in Libra.

From 1980 to 2100 we have Jupiter Saturn showing up together in Libra 3 time or every 60 years. The next series begins August 25, 2775 with 675 years between last and first appearances.

In the year 2000 during the seven visible planet alignment that included the Sun, Moon, Mercury, Venus, Mars, Jupiter and Saturn that was featured in the early May 2000 New Moon time we also had the last Jupiter Saturn conjunction in Taurus.

The Taurus series began in 1881 so it lasted 119 years. The Earth series began Jul 17, 1802 with Jupiter Saturn conjunction at 5 Virgo 07 and ended in May 2000 with Jupiter Saturn conjunct in Taurus meaning this Earth series lasted about 198 years. It is 577 years before the next Earth series begins in 2577.

The table below shows how the Jupiter Saturn Conjunctions occur about every 20 years and tend to feature an element for about 200 years with anywhere from 575 to 675 hundred years between anyone given element ending and beginning.

Current and Future Jupiter Saturn Conjunctions

The first exact Saturn Jupiter conjunction in 20 years is exact on December 21, 2020 featuring Aquarius for the first time in 615 years. This pattern varies slightly from sign to sign but what we can see in the table below is it seems to always be more than 600 years for each sign to show up again and Jupiter and Saturn tend to come together every 60 years in that sign for a total of 3 expressions every 600 years or so.

There is usually only one conjunction of Jupiter and Saturn when they do come together but sometimes there are two or three conjunctions over about a year.

MORE Data

On May 28 of 2000 the Jupiter Saturn conjunction was at 22 Taurus 43

On Dec 31 of 1980 we had the first Libra Jupiter Saturn conjunction in 674 years followed by two more conjunctions in 1981.

2nd conjunction was March 4, 1981 at 08 Libra 06 a

3rd conjunction was July 23, 1981 at 04 Libra 56.

On Oct 31, 2040 we have the next Jupiter Saturn conjunction in Libra (17 Libra 55) 60 years later.

On Sep 18 2100 we have the last Jupiter Saturn conjunction in this series at 25 Libra 22 for a total of 120 years from 1980 to 2100.

Dec 21, 2020 - the first Jupiter Saturn conjunction in Aquarius (00 Aquarius 29) since 1405 with 615 years between the last one and this one.

The last Jupiter Saturn conjunction in Aquarius in the current series occurs in 2199 at 28 Aquarius 19 covering 179 years.

Feb 22, 2815 is the next Jupiter Saturn conjunction in Aquarius. There is 616 years between 2199 and 2815.

Going Further Back

Mar 06, 0332 BCE Jupiter and Saturn were conjunct at 23 Capricorn 59

Dec 31, 0431 BCE Jupiter and Saturn were conjunct at 28 Capricorn 46

Mar 23, 0491 BC E Jupiter and Saturn were conjunct at 09 Aquarius 30.

Jan 13, 0551 BC E Jupiter and Saturn were conjunct at 14 Aquarius 04

Jan 27, 0670 BC E Jupiter and Saturn were conjunct at 29 Aquarius 35

556 Years Later Aquarius Reappears

March 04 1226 BC E Jupiter and Saturn came together at 02 Aquarius 58

March 24, 1345 BC E Jupiter and Saturn came together at 19 Aquarius 01

January 16 1405 BC E when Jupiter and Saturn are at 23 Aquarius 46.

575 Years Later the Air Element reappears for 219 years.

Dec 21 1980 Jupiter and Saturn conjunct at 09 Libra 29 with 2 more conjunctions in Libra in 1981.

Dec 21, 2020 Jupiter and Saturn conjunct at 00 Aquarius 29 or 615 years since the last Aquarius event

Oct 31, 2040 Jupiter and Saturn conjunct at 17 Libra 56

Apr 07, 2060 Jupiter and Saturn conjunct at 00 Gemini 46.

Mar 14, 2080 Jupiter and Saturn conjunct at 11 Aquarius 52 about 60 years later.

Sep 18, 2100 Jupiter and Saturn conjunct at Libra 25 Libra 32

Jul 15, 2119 2120 Jupiter and Saturn conjunct at 14 Gemini 51

Jan 14, 2140 Jupiter and Saturn conjunct at 17 Aquarius 04 about 60 years later.

May 27, 2179 Jupiter and Saturn conjunct at 23 Gemini 02

Apr 07, 2199 Jupiter and Saturn conjunct at 28 Aquarius 19.

December 21 features the closest Jupiter Saturn conjunction in almost 400 years and the closest visible conjunction in nearly 800 years.

More on Jupiter and Saturn from Sky and Telescope

Jupiter and Saturn are less than a degree apart for most of December Growing closer to the western horizon sitting about 3 1/2 hours after the sun is December begins visible within 2° of each other. By December 12 Jupiter and Saturn are with them when 1° of each other until December 29 with the closest conjunction occurring on December 21 When they are within only six minutes of separation.

Jupiter and Saturn set together just over an hour and a half as December ends.

Jupiter and Saturn are roughly 14° above the southwestern horizon 45 minutes after sunset on December 21. Jupiter's magnitude is -2.0 and Saturn is +0.6. This is a great time to see the difference in magnitude with Jupiter outshining Saturn.

The last time we had this close of Jupiter Saturn conjunction that was visible was in 1226. It's interesting to note that the closest of all planetary conjunctions are a mutual occultation when the disc of one planet passes in front of the other. **The most recent Jupiter Saturn occultation was about 8000 years ago.**

Many have speculated that the Jupiter Saturn Conjunction that occurred three times in 7 BC was the star of Bethlehem.

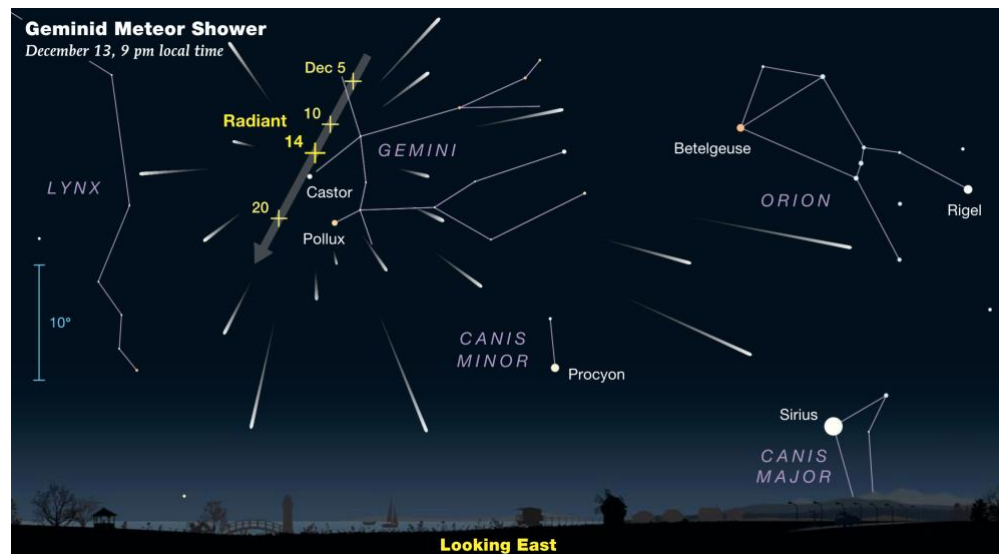
Other researchers feel the triple conjunction of Venus and Jupiter that occurred and 3 BC and 2 BC concluding with a mutual occultation between Jupiter and Venus that happened on June 17, 2 BC was the more likely Star of Bethlehem.

The Moon approaches and passes Jupiter and Saturn on December 16 and 17 (about 5° below on the 16th) (see above Star Map)

The Magnificent Geminids

The Moon is essentially absent during the germinated meteor shower on December 13 and 14. The Geminids is one of the most amazing meteor showers in any year but especially 2020.

About 50 years ago the Geminids were considered a strong second to the Summer meteor shower known as the Perseids. Over the years the Geminids have slowly increased in intensity and as we entered the 21st-century they took over the top spot and show no sign of diminishing anytime soon.



In 2020 The New Moon is on December 14 (also a total Solar Eclipse as already mentioned) so there isn't even a slight chance of interference with this meteor shower this year.

This meteor shower stays at its maximum peak for about 8 to 10 hours before and after the exact maximum and according to the international meteor organization rates of up to 150 meteors per hour or more than two per minute are possible to see from dark sky sites.

If you plan to catch this night sky wonder, bundle up, get away from the city lights and take a sleeping bag.

The December 2020 issue of Sky and Telescope reminds us that you need about 20 minutes for your eyes to adjust to the darkness. It is a rookie mistake they say to just throw on a jacket and step into the backyard and hope you'll see meteors.

Meteor showers often show up with a "clumping affect" where meteors show up in clusters or groups. This means you might catch two or three in less than a minute and then several minutes will pass before another clump or cluster of meteors appears.



Around midnight is the best time to view but meteors may start appearing around sunset (as in image above) referred to as earth grazing meteors skimming along the horizon. More likely though is meters will start appearing as soon as the constellation of the Twins rise (a.k.a Gemini) into the evening sky around 9 PM local time.

Preparing for 2021 Inspiration

It may be an understatement to say the events of 2020 have rocked our entire global reality? The road for many has been difficult.

We have been challenged to stay inspired, to keep vibrating with love and compassion for ourselves and others and yet many have had an unprecedented opportunity to go within, focus on their personal heart inspired vibration and align with love.

Many have been able to pause and shift their focus from an unpredictable outer reality to a more loving, caring, kind and compassionate inner reality creating opportunities for inner satisfaction, validation, fulfillment and experiences of ecstatic pleasure and beauty that are not triggered by external events.



You may be someone who has discovered your inner world is more exciting than what is going on in your outer reality?

Certainly nefarious things have been happening in our outer reality including a ramping up of competitive control programs that include manipulation and domination of the masses.



However, if you have been able to focus your energy on your inner reality, your inner value, the fact that you are a gift to life just by being here and not because of how much money you make or how much power you wield - it is nothing less than a miracle.

This has been a time for us to experience our interconnectedness if we choose it and to awaken to the greatness we all carry within because we have done the hard work, we have struggled with this reality, and have been blessed with the reminder that it is not the outer reality that defines who we are but who we are on the inside.

Remembering this - is a great way to begin 2021 as Sirius lights up the mid-heaven and beams high vibrational light energy toward Earth.

Sirius Moon Dec 02 and 30 and on the Mid-Heaven New Year's Eve

As we approach midnight on New Year's eve Sirius is as directly overhead as it can get infusing the Earth with the powerful Light Codes from the brightest star in our night sky.

Sirius, is one of the [Behenian Stars](#), meaning whenever a planet is within 6 degrees the ancient alchemist worked ceremonies to make talismans, elixirs, and set intentions as described by this quote from Cornelius Agrippa:

Magicians affirm that Images,
Seals & Rings Being Opportunely Framed
under a Certain Constellation...
some Wonderful Thing may be Received.
~Cornelius Agrippa *Three Books of Occult Philosophy*

With this in mind - setting intentions for the New Year has powerful star magic connected to enhance your intentions.

The ancient alchemists linked Sirius to the stone Beryl and plant Juniper using these items to enhance their intentions.

Beryl is the principal source of beryllium and is defined by Webster's as a *mineral that has silicate of [beryllium](#) and aluminum of great hardness that occurs in colorless hexagonal prisms when pure. Beryl has many colors such as green, blue, yellow, or pink when there are impurities in the stone.*

Beryl ranges in size from very small to as much as large as 18 meters (59 feet) and is the strongest of the precious stones. Beryl comes from the Latin root *brillare* meaning “to shine” and it has been said to be the Mother of All Healing Stones. Sirius also means brilliant, shining one.

Stones that are in the Beryl family are [Aquamarine](#) (blue-green), [Bixbite](#) (red), [Emerald](#) (green), [Morganite](#) (pink), [Heliodor](#) (golden yellow), [Goshenite](#) (white). Beryl is said to enhance intelligence, love, and physical energy.



Three different types of Beryl

In ancient times Beryl was used to ward off evil spirits and to keep travelers safe. It also enhances creativity so is a great talisman for artists or anyone doing any kind of creative work. For example, Leonardo da Vinci wore a Beryl ring. Health wise Beryl is used for healing the heart, stomach and intestines, spine, liver, lungs and eye sight. It can also help balance the chakra related to its color.

Juniper was a symbol of the Canaanite fertility goddess Ashera or the Syrian Goddess Astarte valued for thousands of years as a healing herb and culinary spice. Juniper is also used as an important ingredient in making Gin.

The medicinal properties of Juniper aid digestion, and other stomach issues including intestinal gas (flatulence), heartburn, bloating, loss of appetite, as well as gastrointestinal (GI) infections and intestinal worms.



Juniper branches and berries

As an herbal medicine Juniper was used to help stimulate contractions during labor helping women to give birth more easily. Conversely, it was also used to help abort an unwanted pregnancy.

Juniper was used in ceremonial protective magic of all kinds, purifying, cleansing and strengthening the aura or energy field. It was used for spells that had to do with increasing positive energy, reawakening love and sexuality, getting just results and preventing theft. It was also used to enhance love and health, attract money, guard against black magic, and protect against accidents and diseases.

Juniper and Beryl work well together as both were known for their ability to cleanse and transform negative emotions into positive ones. They were also both known for protecting against accidents and purifying negative energy from the environment and other people. Both Juniper and Beryl can help to increase psychic powers and visions and strengthen the energy field.

When planets are with Sirius it is a great time to connect with the magical powers of Beryl and Juniper, either together or separately, using them to help strengthen your own creative possibilities by first clearing your energy and then strengthening the positive energy around what you are envisioning and intending. (see audio on Sirius and Sirius with the Planets)

Sunrise and Moon set in Tucson - find your location

<https://www.sunrisesunset.com/predefined.asp>

December 2020

Tucson, Arizona

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 Sunrise: 7:07am Moonset: 8:16am Sunset: 5:18pm Moonrise: 6:28pm	2 Sunrise: 7:07am Moonset: 9:12am Sunset: 5:18pm Moonrise: 7:19pm	3 Sunrise: 7:08am Moonset: 10:04am Sunset: 5:18pm Moonrise: 8:14pm	4 Sunrise: 7:09am Moonset: 10:53am Sunset: 5:18pm Moonrise: 9:14pm	5 Sunrise: 7:10am Moonset: 11:36am Sunset: 5:18pm Moonrise: 10:17pm
6 Sunrise: 7:11am Moonset: 12:15pm Sunset: 5:18pm Moonrise: 11:20pm	7 Sunrise: 7:11am Moonset: 12:51pm Sunset: 5:19pm Last Qtr: 5:38pm Moonrise: none	8 Moonrise: 12:24am Sunrise: 7:12am Moonset: 1:25pm Sunset: 5:19pm	9 Moonrise: 1:29am Sunrise: 7:13am Moonset: 1:59pm Sunset: 5:19pm	10 Moonrise: 2:36am Sunrise: 7:14am Moonset: 2:33pm Sunset: 5:19pm	11 Moonrise: 3:44am Sunrise: 7:14am Moonset: 3:10pm Sunset: 5:19pm	12 Moonrise: 4:55am Sunrise: 7:15am Moonset: 3:51pm Sunset: 5:19pm
13 Moonrise: 6:07am Sunrise: 7:16am Moonset: 4:39pm Sunset: 5:20pm	14 Sunrise: 7:16am Moonrise: 7:18am New Moon: 9:18am Sunset: 5:20pm Moonset: 5:32pm	15 Sunrise: 7:17am Moonrise: 8:25am Sunset: 5:20pm Moonset: 6:32pm	16 Sunrise: 7:18am Moonrise: 9:25am Sunset: 5:21pm Moonset: 7:36pm	17 Sunrise: 7:18am Moonrise: 10:16am Sunset: 5:21pm Moonset: 8:40pm	18 Sunrise: 7:19am Moonrise: 10:59am Sunset: 5:21pm Moonset: 9:43pm	19 Sunrise: 7:19am Moonrise: 11:36am Sunset: 5:22pm Moonset: 10:44pm
20 Sunrise: 7:20am Moonrise: 12:09pm Sunset: 5:22pm Moonset: 11:41pm	21 Sunrise: 7:21am Moonrise: 12:38pm First Qtr: 4:42pm Sunset: 5:23pm Moonset: none	22 Moonset: 12:36am Sunrise: 7:21am Moonrise: 1:06pm Sunset: 5:23pm	23 Moonset: 1:30am Sunrise: 7:21am Moonrise: 1:33pm Sunset: 5:24pm	24 Moonset: 2:24am Sunrise: 7:22am Moonrise: 2:01pm Sunset: 5:24pm	25 Moonset: 3:18am Sunrise: 7:22am Moonrise: 2:30pm Sunset: 5:25pm	26 Moonset: 4:13am Sunrise: 7:23am Moonrise: 3:03pm Sunset: 5:25pm
27 Moonset: 5:10am Sunrise: 7:23am Moonrise: 3:41pm Sunset: 5:26pm	28 Moonset: 6:07am Sunrise: 7:23am Moonrise: 4:24pm Sunset: 5:27pm	29 Moonset: 7:04am Sunrise: 7:24am Moonrise: 5:13pm Sunset: 5:27pm Full Moon: 8:29pm	30 Sunrise: 7:24am Moonset: 7:59am Sunset: 5:28pm Moonrise: 6:08pm	31 Sunrise: 7:24am Moonset: 8:50am Sunset: 5:29pm Moonrise: 7:08pm		

