

There's radical moon on the rise in April



RAYMOND E. BULLOCK

SKY WATCH

During the second half of April, the moon will be going to extremes: first the farthest new moon of the year, followed by the year's closest full moon, and then a weak meteor shower.

The orbit of the moon, like the orbits of the planets, is not circular. The moon's orbit is elliptical (oval), so there is a point where the moon is close to the earth, and a point where it is far away. The average distance from the earth to the moon is 384,404 kilometers (about 238,330 miles). On April 11 the new moon will be 406,468 kilometers (252,010 miles) away from the earth, the farthest it will be all year. (Next month's new moon will cause a rare annular eclipse of the sun that will be visible from our area. Details will appear in the May Skywatch.)

Watch as the moon waxes during the next week. No, the moon will not be polishing furniture; the crescent will be getting fatter. An anniversary worth noting will occur on April 14: it will be the 365th anniversary of the birth of astronomer Christian Huygens (1629-1695). Huygens made several remarkable advances in astronomy: It was he who first discovered the rings orbiting Saturn, and he also discovered Titan, Saturn's largest moon. In addition, he invented the pendulum clock, which allowed for precise, accurate observations with respect to the time an object crossed the local meridian.

The bright orange-red star to the left of the moon on the evening of the 15th will be Betelgeuse ("Beetle-juice"), the "arm-pit" of Orion (oh RYAN) the hunter. On the following evening the moon will be above and to the right of Betelgeuse.

The moon will be within the constellation of Gemini on the evening of the 17th. The twins,

Pollux and Castor, each marked by a bright star, will be above the moon. On the following evening the moon will be located below and to the left of Pollux. The bright star below and to the left of the moon will be Procyon (PRO see on).

First quarter moon will officially occur at 10:34 p.m. on April 18. The moon will have completed the first quarter of its orbit around the earth.

Regulus (REG you luh), the "heart" of Leo the lion, will be the bright star above and to the left of the moon on the 20th. Notice how far the moon will have moved in just one night; on the following evening the moon will be located below and to the left of Regulus.

The annual Lyrid meteor shower will reach its peak during the predawn hours of April 22. The Lyrid shower is named for the constellation of Lyra, from which the meteors appear to radiate. This is not one of the year's better displays; expect to see an average of only 15 meteors each hour. Lyra will be rising in the north-east around 8:00 p.m. and will be nearly overhead at 5:00 a.m. Look for the bright blue-white star Vega (VEE ga), the brightest star in Lyra. It is also the 5th brightest star in the sky and fairly close to us; only 27 light-years away.

The moon will be located directly below the star Spica (SPY ka), in Virgo, on the evening of the 24th. Notice Jupiter, the bright object below and to the left of the moon. On the following evening the moon will be seated just to the right of Jupiter. Now look toward the west and locate brilliant Venus, just three degrees below and to the left of the Pleiades. Believe it or not, Venus will come to within seven degrees of Jupiter by Sept. 23.

Full moon

Full moon will officially occur at 3:45 p.m. on April 25. The moon will be opposite the sun, as seen from the earth, and will be fully lighted. The April full moon was often called the "Grass Moon" or the "Egg Moon" by

some Native American Indians.

This full moon will just happen to occur when the moon is at perigee, its closest to the earth. The moon will be located 356,928 kilometers (221,295 miles) making this the closest full moon of the year. Please don't expect to see an unusual number of "lunatic" running around and growing hair on their palms; while some "experts" claim that human behavior is influenced by the moon, just as many others say there is no influence at all. It stands to reason: The moon is always in orbit somewhere around the earth. If it influenced human behavior, that influence would be constant, and not dependent on how much of the moon was being illuminated at any given moment.

For those of you who are early risers, look toward the southwest before sunrise on the 26th and you'll find the moon to the left of Jupiter, just below the star Alpha Librae, also known as Zosma (ZOO ben el gen YOU bee). Try saying that fast three times in a row!

Faster than you can say Zosma, the moon will be moving into the constellation of Scorpius, for the second time this month. The moon will be located above and to the left of Antares, near its location back on April 1.

Jupiter will be at opposition on the morning of April 30. The planet will be opposite the sun, as seen from the earth. Like the full moon, Jupiter will rise as the sun sets, be visible all night, and set when the sun rises. Since the earth and Jupiter are on the same side of the sun, that planet will be favorably placed for observing during the next several months.

An excellent aid for learning constellations and keeping up to date with the sky is the monthly "Sky Calendar", available from Abrams Planetarium, Michigan State University, East Lansing, 48824. A one year subscription is \$7.50.

STORE CLOSING SALE

After 55 Years In Business, Deroy Ringsmiths is... **CLOSING THE DOORS!**

Rather than sell to dealers, everything will be sold to the public at tremendous savings!

You Pay Just

43¢

On The Retail Dollar basis of time only

EXAMPLE OF SAVINGS ON THE RETAIL DOLLAR
Retail Price \$1000
You Save \$570

All Other Merchandise Will Be On Sale At... **NOW \$430**

STORE CLOSING PRICES!

Fine Diamonds • Precious Gems
Lustrous Pearls • 14K & 18K Gold Jewelry and Chains
Tennis Bracelets • Bridal Sets • Unique Custom Designs • Anniversary Bands

deroy ringsmiths

All Major Credit Cards and Layaways Accepted
Zero Down Financing Available

LICENSE #94-10480

Fairlane Town Center
Upper Level • North Court
Dearborn • 313-593-3888

Monday - Saturday 10:00-9:00
Sunday 11:00 - 6:00

Women Worldwide Praise the Exciting Discovery by the Now Famous

"Wrinkle Cream" Pharmacist



Robert Heldford, internationally famous "Wrinkle Cream Pharmacist", is shown with stacks of letters from happy women who love his EB5 Wrinkle Cream.

Pharmacist Robert Heldford receives hundreds of thousands of calls and letters from happy women around the world telling him they love his EB5 Wrinkle Cream, which he developed.

"No wonder they love EB5," Heldford says. "It really works, really helps skin look younger. My EB5 is not only perfect for the woman who may already have the dreaded signs of looking older... wrinkles, crow's feet, facial lines, dry yellow skin... but is also perfect for the woman who may only have a few lines, or none at all, and is worried about looking old too soon."

Women are astounded by the amazing results and they are also pleased that EB5 in five creams in one jar... A Wrinkle Cream, Moisturizer, Day Cream, Night Cream, and Makeup Base, all in one.

Millions of women have purchased EB5 and call and letters that flow in report... "EB5 Wrinkle Cream really works... it's made a difference in my life"... "it worked wonders for me"... "People tell me I look 10 to 15 years younger"... "The free sample really convinced me."

This woman's letter especially pleases Pharmacist Heldford... "I tried everything on the market and nothing made a difference. Then I tried a sample of your EB5... loved it... bought a jar... even my husband of 36 years noticed my new younger look." (See below)

Heldford adds, "If facial lines and aging skin make you look older than you should, buy a jar of EB5 Wrinkle Cream and watch things happen. One 4 oz. jar lasts for many months and is sold with a money-back guarantee of complete satisfaction... how can you go wrong?"

Receive your FREE TRIAL SIZE

If your skin is appearing to age too quickly... here is good news! Pharmacist Heldford says, "I am so certain you will love my EB5 Cream that I have teamed up with department stores coast to coast to offer A GENEROUS FREE TRIAL SIZE OF EB5 for the next 30 days to millions of women who wish to look visibly younger. Hurry and call this toll free number, 1-800-454-2323, to learn more about EB5 and where in your area you may receive your free trial sample. You will be amazed even with the first application."



Now There's A Loan That Comes With A Money-Back Guarantee.



It's simple. You make all of your loan payments on time, and we'll write you a rebate check worth five percent of the interest you paid us on the loan. Guaranteed.

It's an offer that's good on any installment loan that you apply for between now and June 30, 1994. So whether you need a home improvement loan, an auto loan, or any other fixed-term loan, there isn't a better time to borrow than right now.

Stop in any First of America office to apply and we'll give you an answer in no time. The Five Percent Rebate Loan. It's one loan you're guaranteed to like.

FIRST AMERICA

A bank for life™

1-800-347-LOAN

This offer is for new residential loans only and subject to change without notice. Loans subject to credit approval. Cannot give you an advance on your rebate. Offer does not apply to mortgage loans or revolving lines of credit. Member FDIC. Equal Housing Lender. If hearing impaired, TDD available from 843-337 at 1-800-347-LOAN. For more information, call us at 1-800-443-5-NEA.