

# April Sky 2024

at night

Notes from the  
Smoky Mountain Astronomical Society  
aka the SMAS



# Remember the Zodiac?

Aries

Taurus

Gemini

Cancer

Leo

Virgo

Libra

Scorpio

(Ophiuchus)

Sagittarius

Capricorn

Aquarius

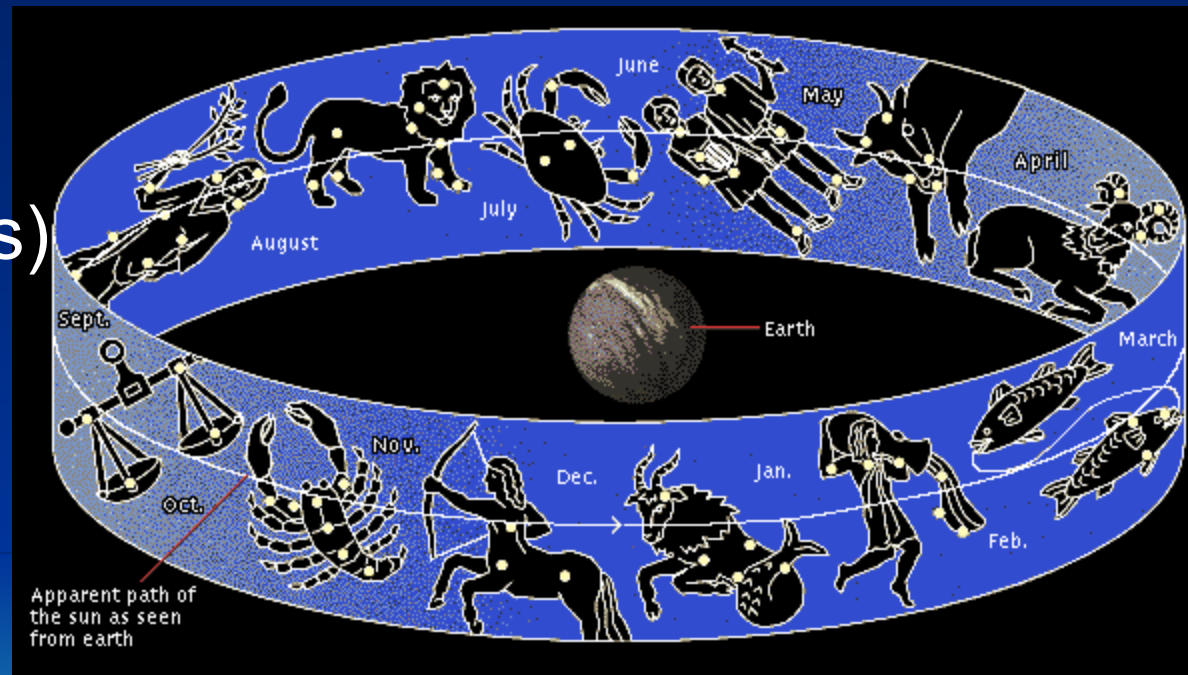
Pisces



# How Do We Remember the Zodiac?


The Ramble Twins Crab Liverish; Scaly Scorpions Are Good Water Fish.


Aries	Libra
Taurus	Scorpio
Gemini	(Ophiuchus)
Cancer	Sagittarius
Leo	Capricorn
Virgo	Aquarius
	Pisces





# Dates of the Zodiac?


The Ramble Twins Crab Liverish; Scaly Scorpions Are Good Water Fish.


 Aries (Ram): March 21–April 19


 Taurus (Bull): April 20–May 20


 Gemini (Twins): May 21–June 21


 Cancer (Crab): June 22–July 22


 Leo (Lion): July 23–August 22


 Virgo (Virgin): August 23–September 22


 Libra (Balance): September 23–October 23

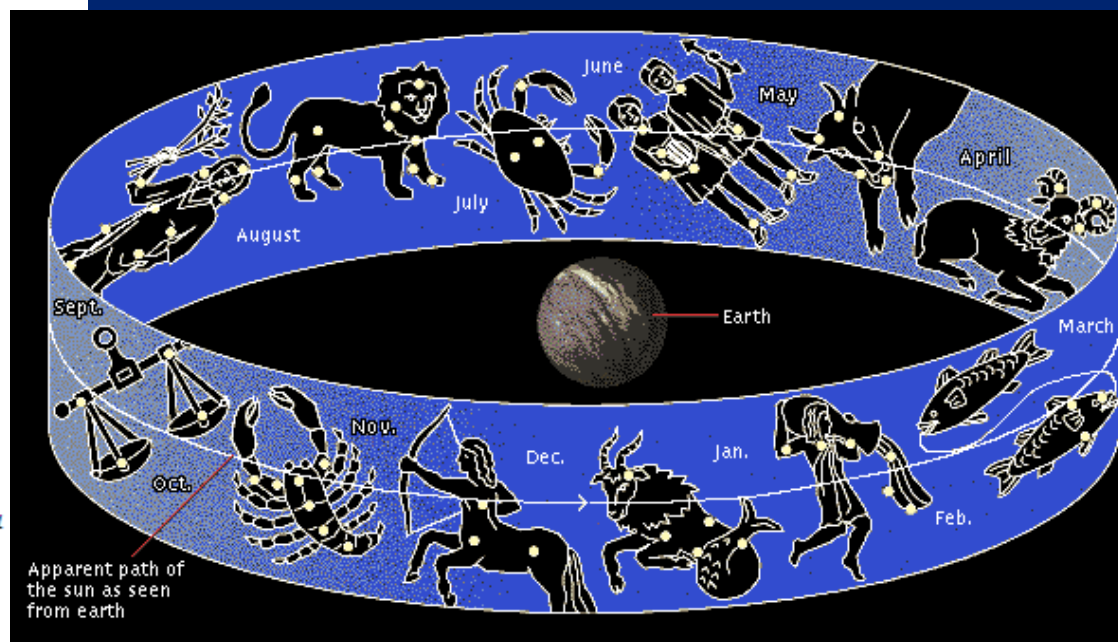
 Scorpius (Scorpion): October 24–November 21

 Sagittarius (Archer): November 22–December 21

 Capricornus (Goat): December 22–January 19


 Aquarius (Water Bearer): January 20–February 18


 Pisces (Fish): February 19–March 20





# April Sun is in Zodiac Where?


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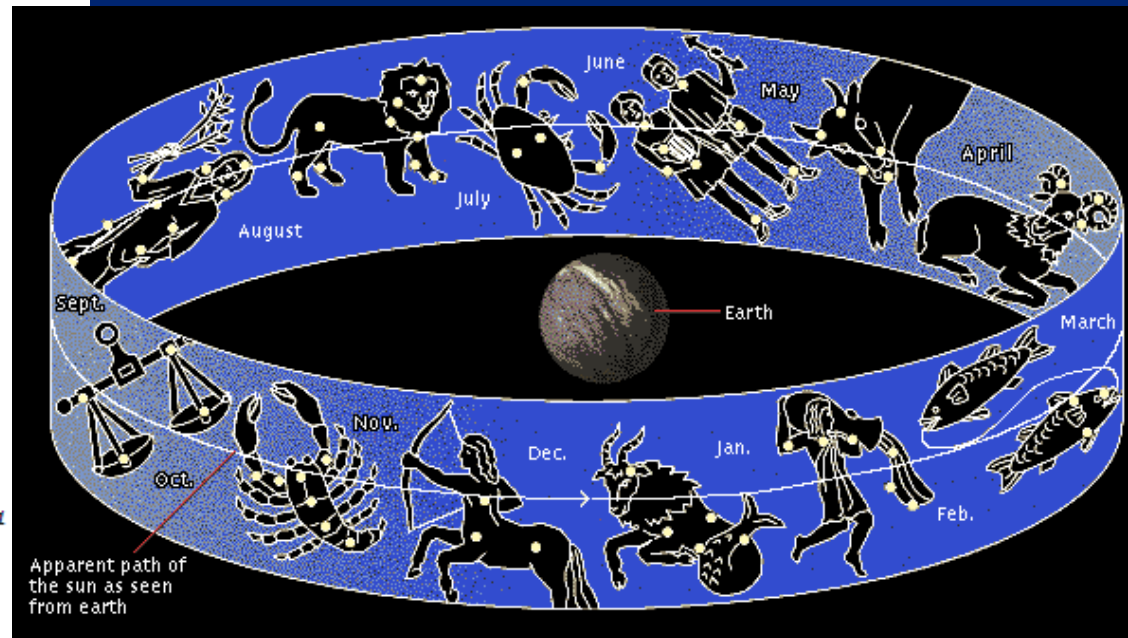
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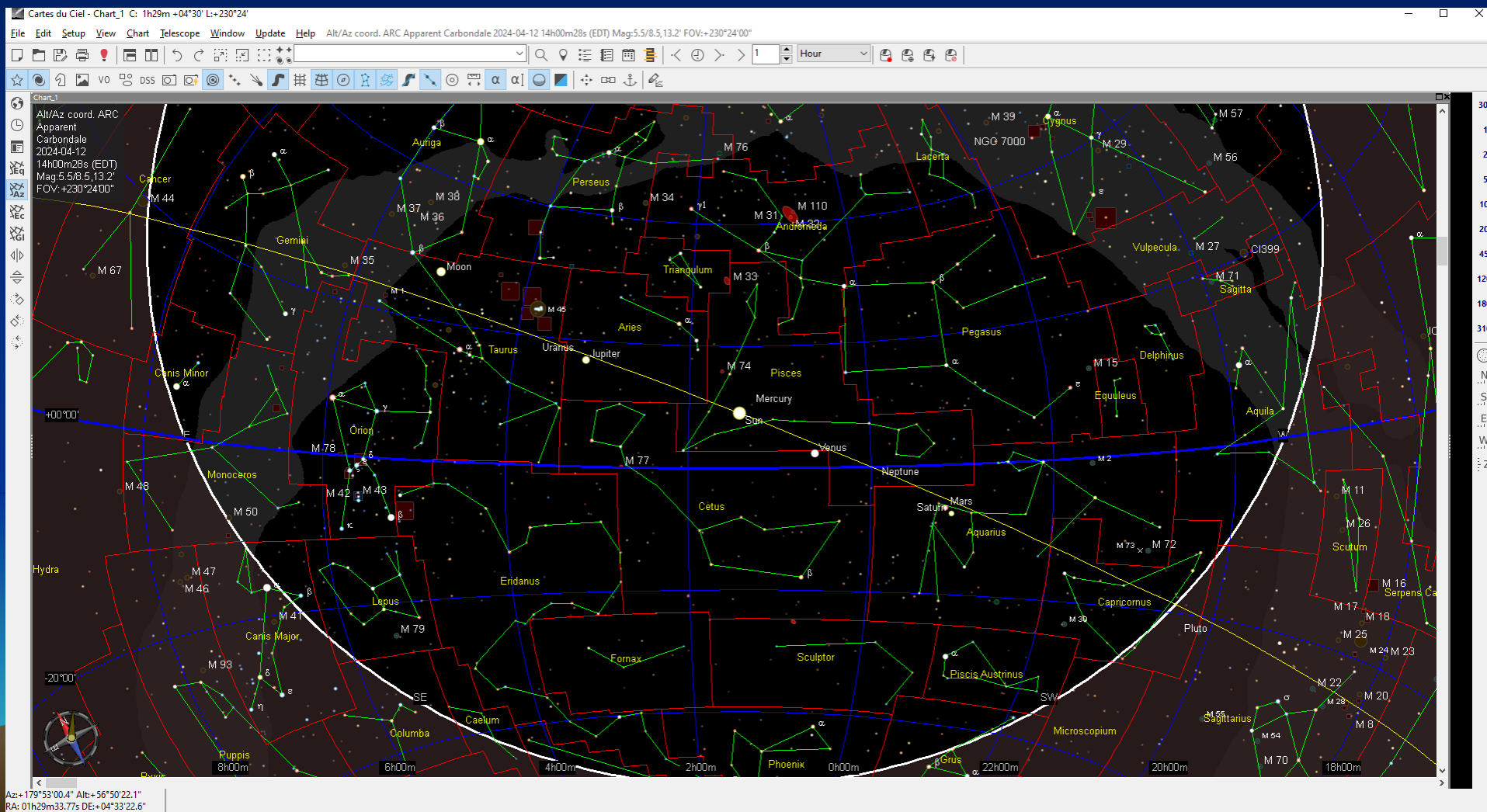
 Pisces (Fish): February 19–March 20



# 20240412 Dates of the Zodiac!

## Sun is in Aries? NO.

The Ramble Twins Crab Liverish;Scaly Scorpions Are Good Water Fish.

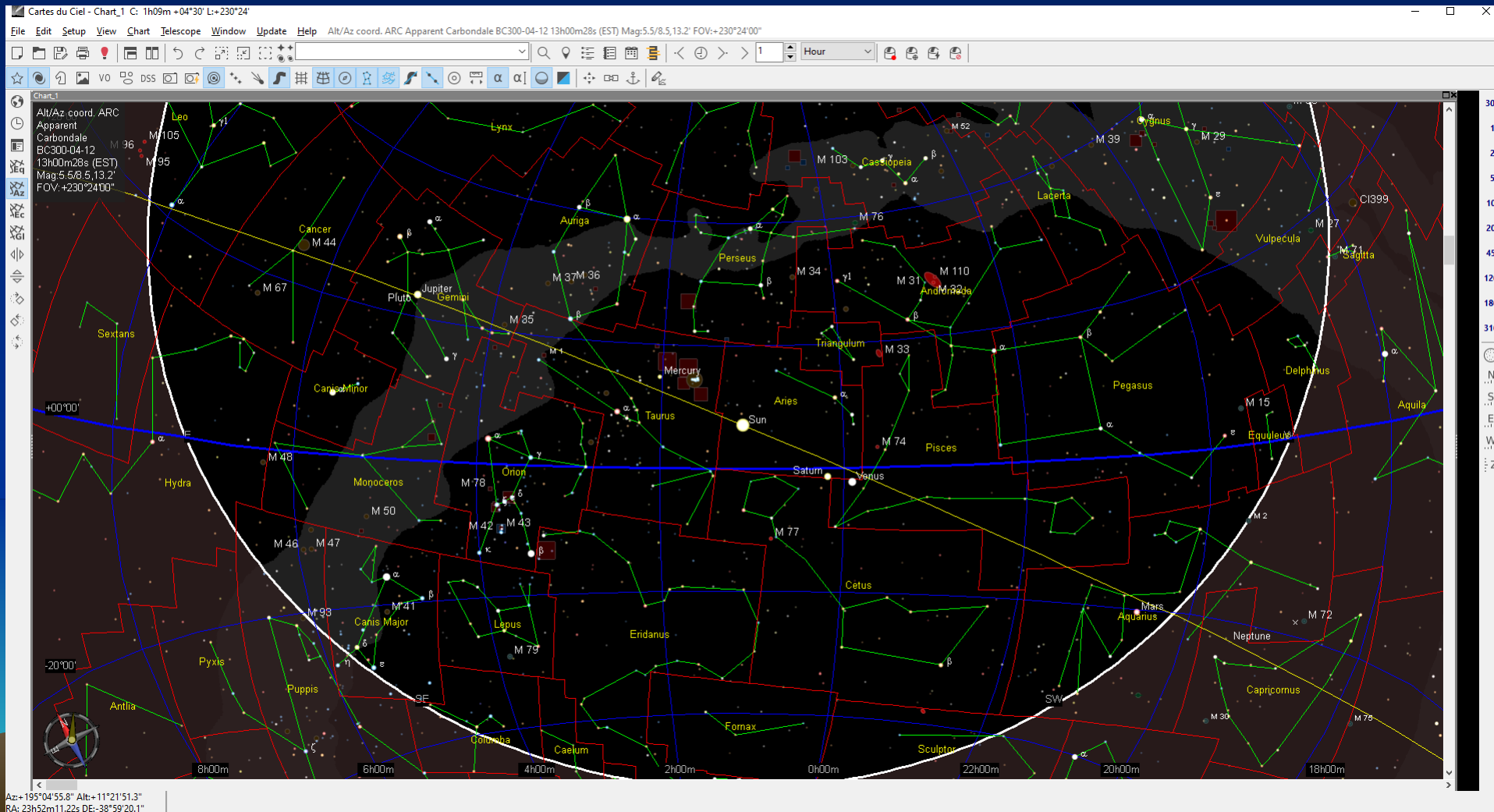




# 300 BCE Dates of the Zodiac!

## Sun is in Aries

# The Ramble Twins Crab Liverish;Scaly Scorpions Are Good Water Fish.



# Reflect Just How Bad Astrology Is.

Not only can Astrologers not predict the future  
they **CANNOT** predict the present!

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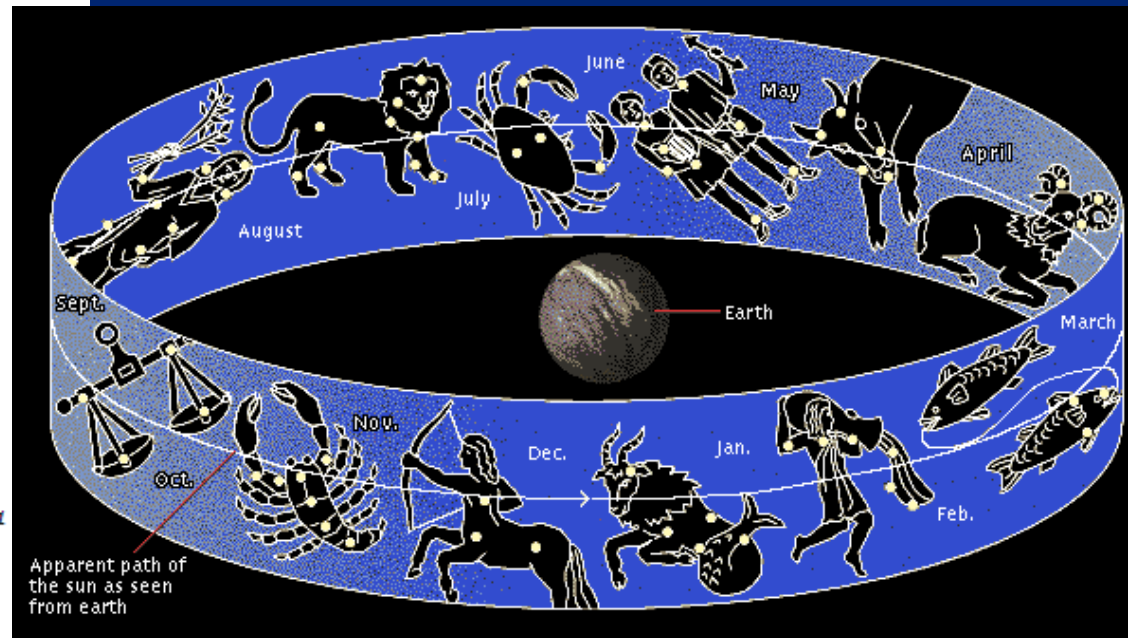
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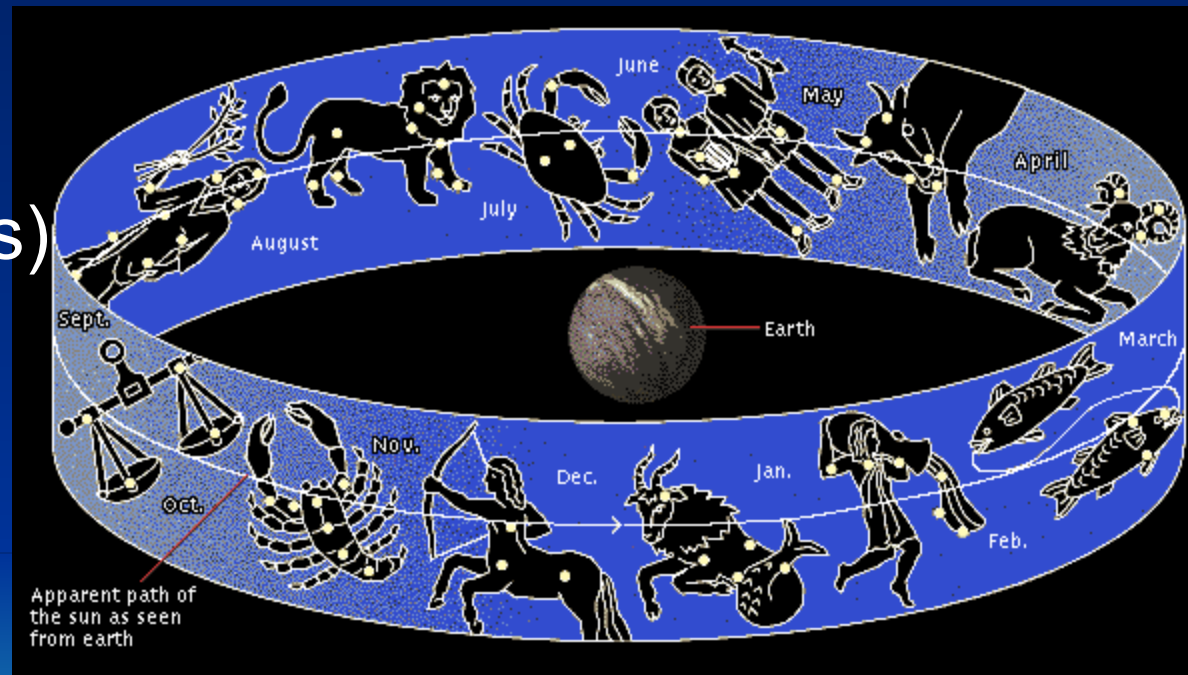




# Sun in Pices, What is Night Sky? At Sunset? At Midnight?

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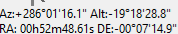
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Taurus	Scorpio
Gemini	(Ophiuchus)
Cancer	Sagittarius
Leo	Capricorn
Virgo	Aquarius
	Pisces







Find the dipper. It's filled with milk. Poke a hole in it and the milk feeds the kitty cat. See the hydra?



# Egyptian Ptolemaic

<https://www.brooklynmuseum.org/opencollection/objects/118040>



## God Tutu as a Sphinx

**EGYPTIAN, CLASSICAL, ANCIENT NEAR EASTERN ART**

A latecomer to the Egyptian pantheon, the god Tutu was responsible for human fate and fortune. Tutu's might was supplemented by the demons under his control. The lion's head on his chest and the crocodile between his paws represent two of the demons he commands. The cobra tail and serpents under each paw similarly obeyed Tutu and served as his powers of protection.

**MEDIUM** Limestone, pigment

- Reportedly From: [Saqqara, Egypt](#)



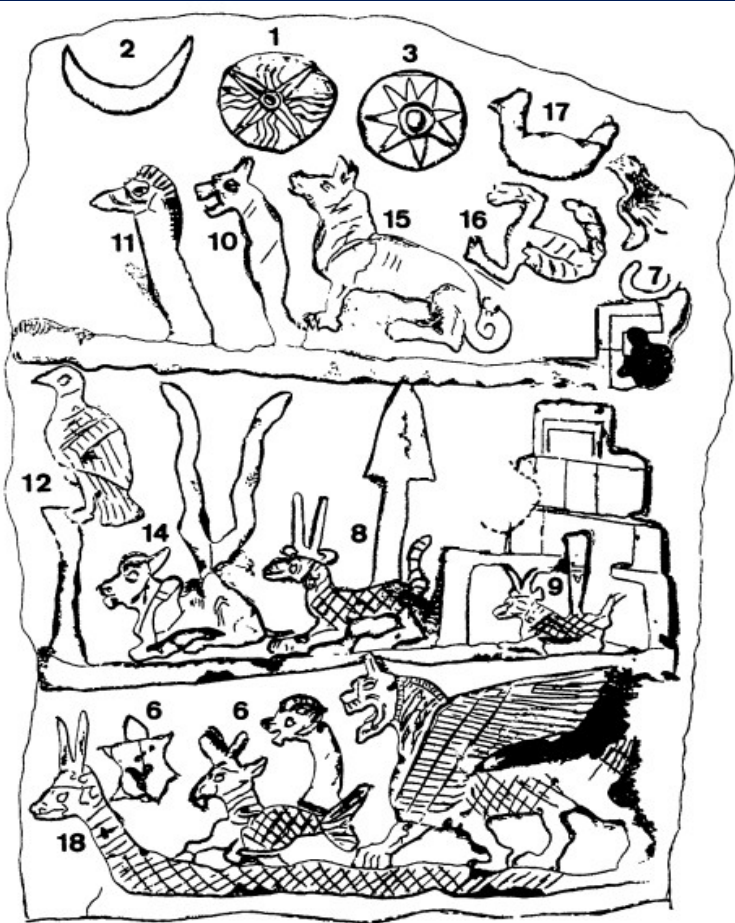
# Ancient Boundary Stones

Origins of the ancient constellations: I The  
Mesopotamian traditions  
By John H. Rogers

From about 3200 to 500 BCE

Notice the lion standing on the snake.  
The snake wiggles.

What else do we see?



**Figure 3.** Symbols on a late Kassite boundary stone from the reign of Marduk-apal-iddina I: specimen S62/H7/London-99 [Ref. 22], in the British Museum (IV.R.38/43); see Ref. 20 for detailed description. See Table 1 for key. The composition is typical of the vertical slab boundary stones, with the symbols shown roughly in the order of the astronomical bodies. The execution is as rough as it appears on this drawing, and may be unfinished; possibly the stone was found unsuitable for fine working. Unique features of this stone are: (i) the ziggurat, above the dragon of Nabu; (ii) the winged lion, striding on the back of the serpent – the same posture later shown for Leo and Hydra in the Seleucid and Dendera zodiacs. Adapted from Hinke [Ref. 19] and reproduced by permission of the

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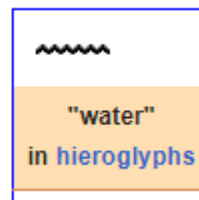
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Notice the lion standing on the snake.  
The snake wiggles.

— (U+13216, Gardiner N35) is the Egyptian "water ripple" hieroglyph. See:

- List of Egyptian hieroglyphs#N for its list entry
- Egyptian unilateral signs for its role as phonetic sign for *n*



# Stellarium

Free at: <https://stellarium.org/>





# Stellarium

With Art Work!



# Stellarium

## Babylonian, Mul.Apin Art Work!

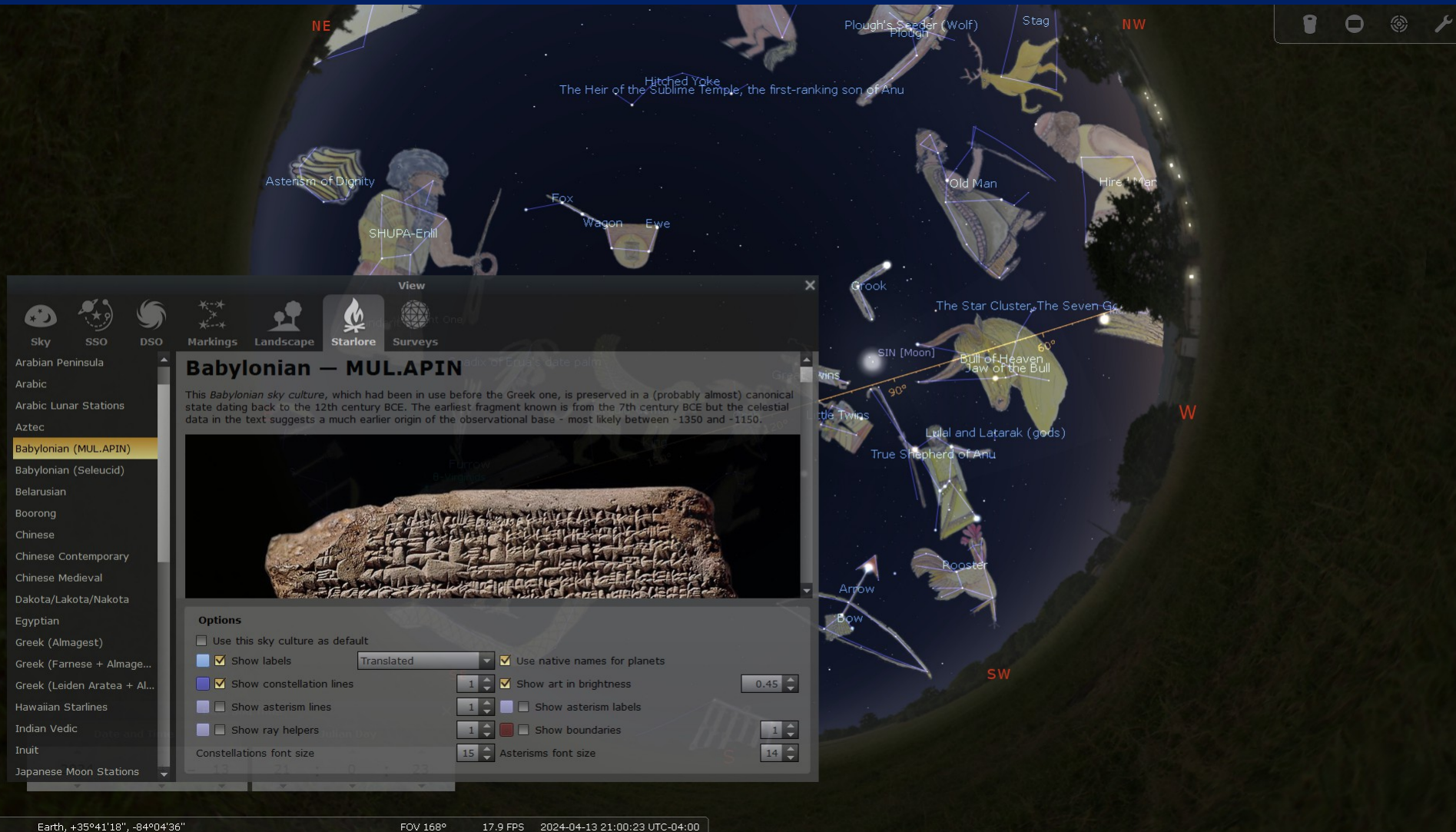


Date and Time		Julian Day	
2024	- 4 - 13	21	: 0 : 23



# Stellarium

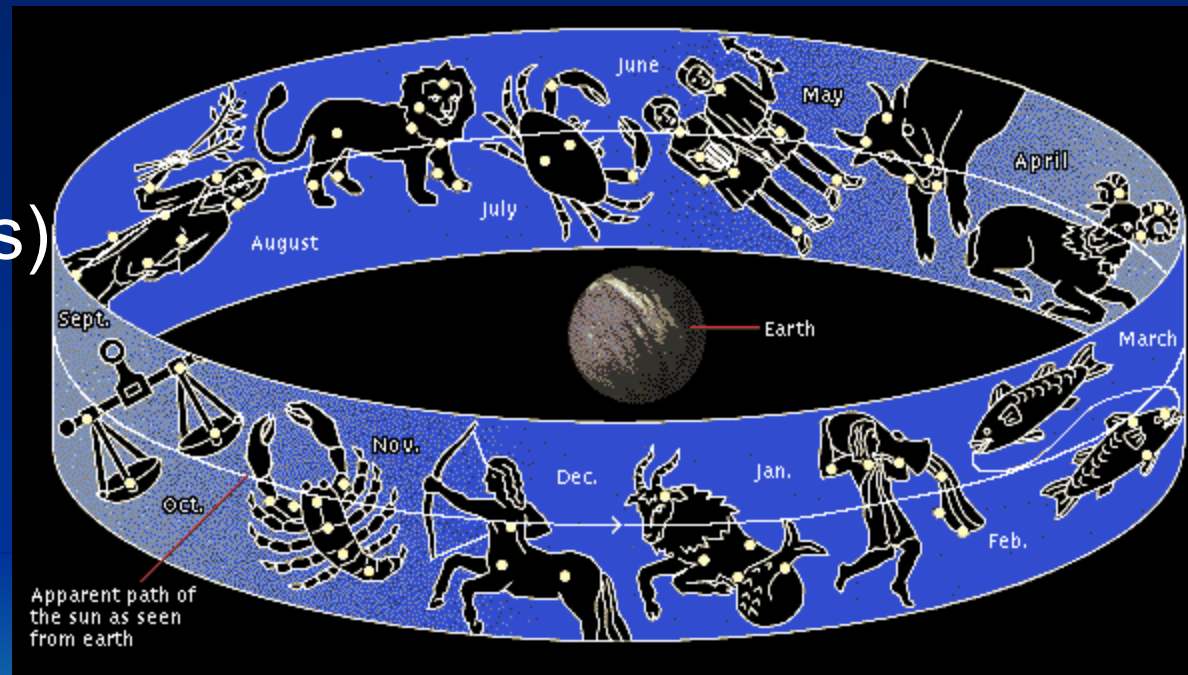
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# Review

- Leo and more of the spring sky at midnight.
- Sunset, Orion (The Shepard of Anu)
- The dipper is dripping milk on the kitty cat standing on the water snake.



# Most Accurate Horoscope

Unless you go out to look,...

<i>Aries</i>	The stars and planets will not affect your life in any way.
<i>Taurus</i>	The stars and planets will not affect your life in any way.
<i>Gemini</i>	The stars and planets will not affect your life in any way.
<i>Cancer</i>	The stars and planets will not affect your life in any way.
<i>Leo</i>	The stars and planets will not affect your life in any way.
<i>Virgo</i>	The stars and planets will not affect your life in any way.
<i>Libra</i>	The stars and planets will not affect your life in any way.
<i>Scorpio</i>	The stars and planets will not affect your life in any way.
<i>Sagittarius</i>	The stars and planets will not affect your life in any way.
<i>Capricorn</i>	The stars and planets will not affect your life in any way.
<i>Aquarius</i>	The stars and planets will not affect your life in any way.
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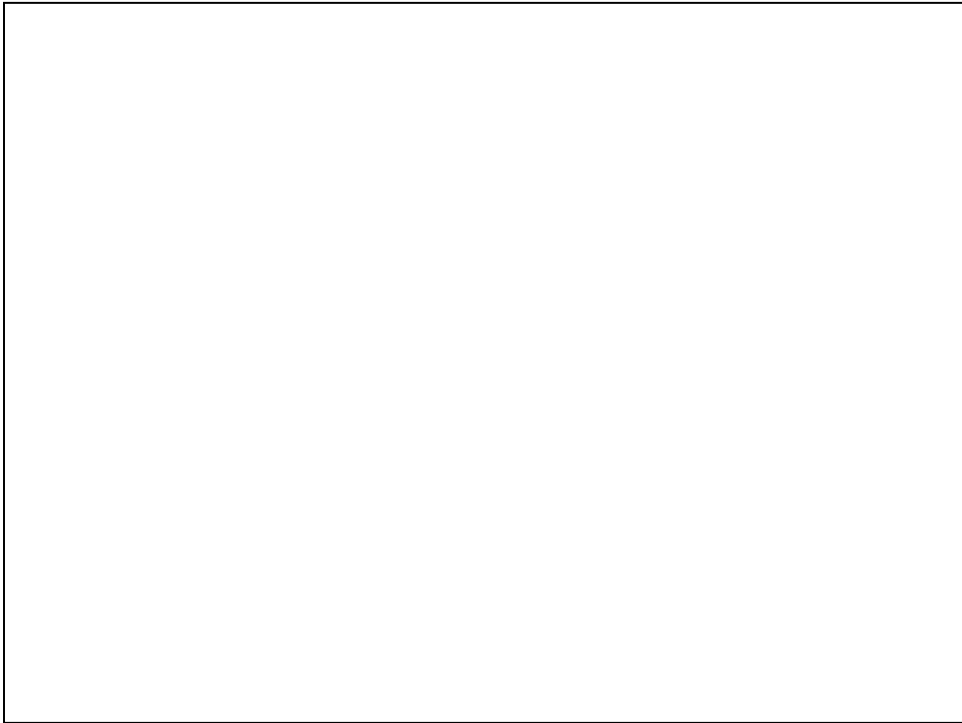








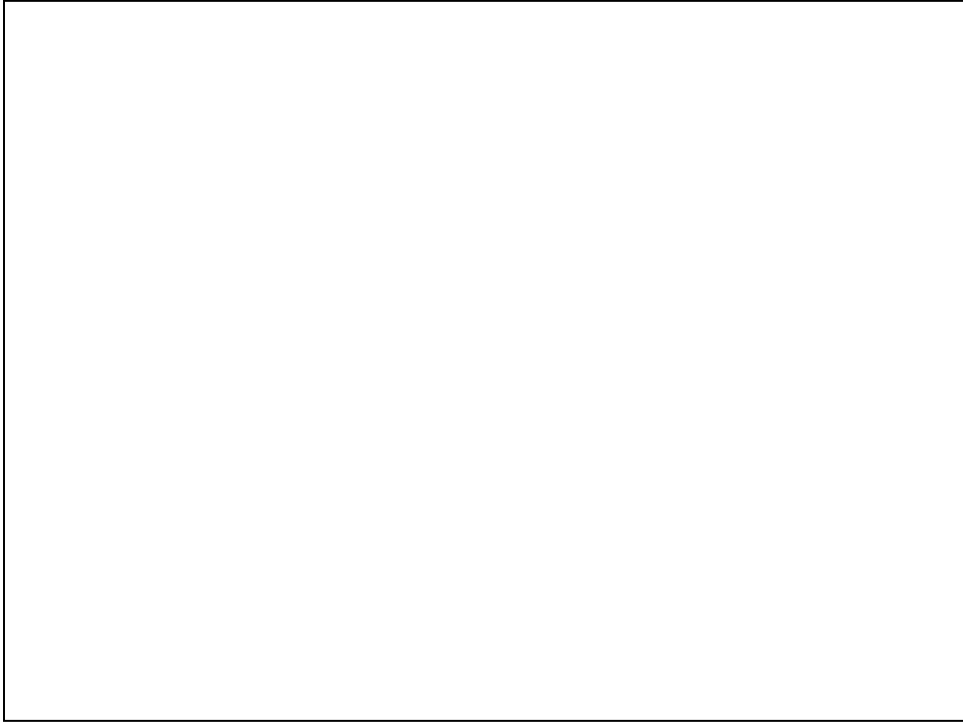




**The sun crossing from the south of the celestial equator to the north is the beginning of spring and marked the new year in antiquity.**

**In antiquity the sun crossing is called the first point of Aires. Why?**





**In 300 BC the sun did cross the celestial equator in Aries.**































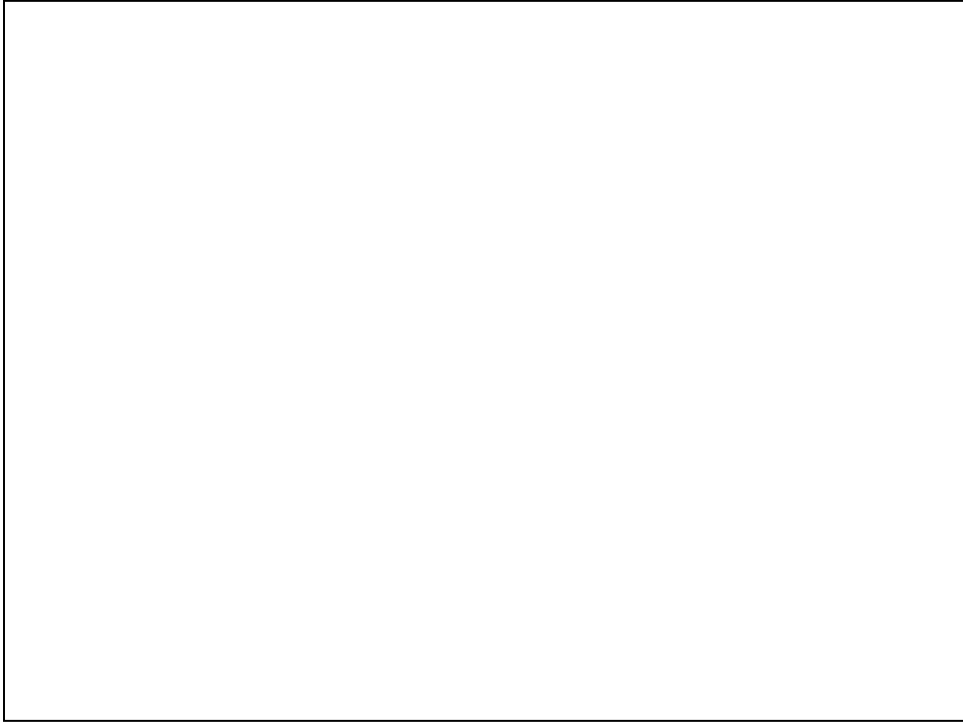


**Review.**

**Any questions?**

**Have I confused anyone?**





**So get out and look!**