

STGZ344

12/25 - 12/31

CELEBRATE THE BIRTH OF JWST!

HI ASTRO-SCOPES – TRACE HERE. TELESCOPES ALLOW US TO SEE THE SKIES IN WAYS WE NEVER COULD WITHOUT THEM. TWO YEARS AGO THIS WEEK, THE JAMES WEBB SPACE TELESCOPE LAUNCHED. I DON'T HAVE TO TELL YOU WHAT A HUGE DEAL THIS TELESCOPE IS – BECAUSE I CAN SHOW YOU.

REMEMBER THE HUBBLE IMAGE OF THE PILLARS OF CREATION? HERE'S JWST'S. IT CAN SEE INFRARED LIGHT – SO IT CAN IMAGE THROUGH DUST AND GAS, AND SEE THOSE LITTLE RED PROTOSTARS WHICH ARE INVISIBLE TO HUBBLE.

NOW THIS ABSOLUTE STUNNER WAS TAKEN IN JANUARY 2023 – ALMOST EVERY BIT OF LIGHT HERE IS A WHOLE GALAXY OF STARS, WITH THE BIG SPIRAL GALAXY IS IN THE FOREGROUND. IT'S CLOSER THAN THE OTHERS AT A BILLION LIGHT YEARS AWAY.

BUT JWST CAN SEE THINGS CLOSER TO HOME; LIKE THIS IMAGE OF URANUS'S RINGS. BEFORE THIS IT WAS FORTY YEARS SINCE WE'D IMAGED THEM!

WITH A GOOD TELESCOPE YOU CAN SEE URANUS TOO – IT'S IN TAURUS NOT FAR FROM JUPITER.

KEEP LOOKIN' UP!