

STGZ328

08/28 - 09/03

## JUPITER REVERSES AROUND THE MOON

SUPER JUPERS STAR GAZERS! THE LARGEST PLANET IN OUR SOLAR SYSTEM IS ABOUT TO REVERSE DIRECTION AROUND THE MOON – HOW DOES A PLANET DO THIS AND WHAT DOES IT MEAN? I GOT YOU; LET’S FIND JUPITER FIRST.

HIT THE DARKNESS JUST BEFORE MIDNIGHT ON SEPTEMBER 3, LOOKING EAST. JUPITER WILL RISE HIGHER IN THE SKY THROUGHOUT THE NIGHT. AND THE MOON WILL GET CLOSER TO ITS RIGHT SIDE. BY THE TIME THE SUN RISES, THEY’LL BE A FEW FINGER-WIDTHS CLOSER!

JUPITER IS AN OUTER PLANET TRAVELING MORE SLOWLY AROUND THE SUN THAN THE EARTH ORBITING ONCE EVERY 11.86 EARTH YEARS. LIKE WHEN RUNNING AROUND A TRACK, SOMETIMES WE’RE BEHIND JUPITER AND ARE CATCHING UP, THEN WE PASS IT AND APPEAR TO LEAVE IT BEHIND ONLY TO COME AROUND AGAIN. THAT IS WHAT WE’RE SEEING! WE ARE LAPPING JUPITER!

TO ADD TO THE FUN, ON MONDAY NIGHT THE MOON WOULD HAVE SWAPPED SIDES AND IS NOW TO THE LEFT OF JUPITER. A CONJUNCTION WHILE JUPITER IS ENDING RETROGRADE? WILD! KEEP LOOKIN’ UP