

FUN SUN FACTS

DISTANCE: 93,000,000 MILES AT THIS DISTANCE IT TAKES LIGHT 8.5 MINUTES TO REACH THE EARTH

DIAMETER: 865,000 MILES (1,400,000 KM)

MASS: 2,200,000,000,000,000,000,000,000 TONS
EQUAL TO 333,000 EARTHS

ENERGY OUTPUT: 380 MILLION BILLION BILLION WATTS
CONVERTS 4.5 MILLION TONS OF MASS TO ENERGY EVERY SECOND
EQUIVALENT TO 100,000,000,000 HYDROGEN BOMBS PER SECOND

TEMPERATURES:

CORE TEMPERATURE: 27,000,000 F
AVERAGE SURFACE TEMPERATURE: 10,000 F
SUNSPOT TEMPERATURE: 6,000 F

AGE: 4.5 BILLION YEARS OLD, SHOULD LAST ANOTHER 5 BILLION YEARS BUT MAY ONLY BE STABLE ENOUGH FOR LIFE TO EXIST ON EARTH FOR ANOTHER ONE BILLION YEARS

SUNSPOT CYCLE: AVERAGE 11 YEARS (7-15 YEARS)
LAST PEAK 1991, LAST MINIMUM FEBRUARY 1996

MAGNETIC CYCLE:

THE SUN'S MAGNETIC POLES REVERSE ON THE AVERAGE EVERY 22 YEARS

SOLAR OBSERVING IS A PUBLIC SERVICE OF THE
SOUTHERN CROSS ASTRONOMICAL SOCIETY



EVERY SATURDAY FROM 10 AM TO 12 NOON AT
METRO ZOO