TIDES

FACTS:

RESULT FROM THE GRAVITATIONAL PULL BETWEEN THE EARTH, SUN, AND MOON

GRAVITATIONAL ATTRACTION BETWEEN TWO BODIES IS:

- A. PROPORTIONAL TO THE PRODUCT OF THEIR MASSES
- B. INVERSELY PROPORTIONAL TO THE SQUARE OTI7105BJ47 DIT [(JT)98TTA [(U))

TO THE EARTH 3. VARIATION OF WATER DI

EARTH IRREGULARITY O

OCEAN BASINS HIGH TIDE - HIGHEST WATER LEVEL

LOW TIDE - RETREAT TO THE LOWEST WATER LEVEL

TIDAL RANGE - VERTICAL DISTANCE BETWEEN HIGH AND LOW TIDE

TIDAL PERIOD - TIME BETWEEN SUCCESSIVE HIGH OR LOW TIDES (24 HOURS AND 50 MINUTES)

ASTRONOMICAL TIDES - RESPONSE TO MOVING SUN AND MOON 5.06 0 Td ()Tj 0.28 0 Td (-)Tj 0.33 0 Td ()Tj 0.003 Tc -0.001 Tw 0.28 0 Td <</MCI