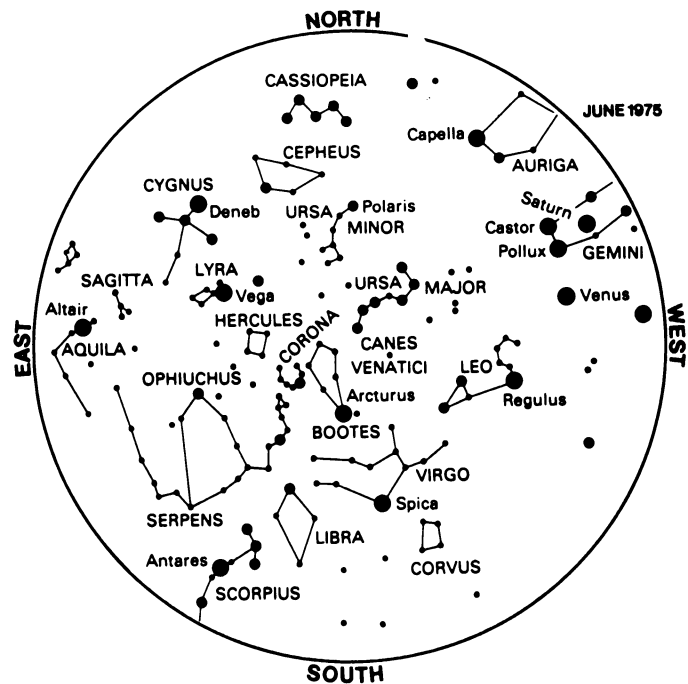


STARS OF JUNE

CELESTIAL TIME TABLE

June	1	7:23 p.m. EDT midnight	Moon in last quarter Moon farthest, distance 251,200 miles
	4	noon	Moon passes north of Mars
	5	1:00 a.m.	Moon passes north of Jupiter
	9	2:49 p.m.	New Moon
	10	2:00 p.m.	Mercury behind sun
	11	8:00 p.m.	Moon passes south of Saturn
	13	6:00 a.m.	Moon passes south of Venus
	14	6:00 p.m.	Moon nearest, distance 229,300 miles
	16	2:00 a.m.	Mars passes south of Jupiter
		10:58 a.m.	Moon in first quarter
	18	noon	Venus farthest east of sun
	21	8:27 p.m.	Sun farthest north, summer begins in northern hemisphere
	23	12:54 p.m.	Full moon
	29	7:00 p.m.	Moon farthest, distance 251,300 miles



BY JAMES STOKLEY

Venus now dominates the early evening sky. This brilliant planet shines in the west, remaining in view well after twilight has ended and setting about three hours after sunset. On June 18 it will be farthest east of the sun. After that it will draw closer and set earlier but all month it will be a prominent object, becoming visible well before any other planet or any star.

Saturn will also be visible in the early part of June, lower than Venus and farther north, setting about an hour earlier. Only about a fiftieth as bright as Venus, however, it will be much harder to locate. By

the end of June it will set only about an hour after the sun.

The brightest star you'll see in the evening is Arcturus, high in the south, a part of Boötes. Only slightly fainter is Vega, standing in the east in Lyra. Below this group is Cygnus, with Deneb, while Aquila is to the right and a little lower, with Altair. Both these stars are dimmed because they are so low.

Extending from Venus to the left across the western and southern sky is a row of constellations containing three more bright stars (i. e., of the first magnitude). First is Leo, with Regulus, toward which Venus is moving. (It will pass south of

Regulus on July 8.) Then comes Virgo, in which Spica is the brightest star. The next, Libra, is an inconspicuous group but after that comes Scorpius. Here stands red Antares, conspicuous in the south on summer evenings.

In the United States, like other northern countries, summer begins on June 21st, at 8:27 p.m., EDT. This is the moment when the sun, after moving northward in the sky since last December, reaches the end of its journey and starts southward again. From a point on the Tropic of Cancer in the Pacific Ocean, about 500 miles east of Wake Island, it will then stand directly overhead. □

PRODUCTS

PRODUCTS are selected and listed as an editorial service. The claims are the manufacturers'. For further information circle the appropriate number on the postpaid, self-addressed Reader Service Card in the center of this issue.

Electrocardioscope, portable, battery powered, for use in ambulance, fire-police rescue, industrial first aid, doctor's office, hospital rounds, emergency room.

Resuscitation Laboratories

Circle No. 76 on Reader Service Card

Board games, designed by educators to teach various subjects through play. Reading skills, fractions, scientific facts, blood circulation and nutrition are the subjects covered.

Teaching Concepts Inc.

Circle No. 151 on Reader Service Card

A 10 x 10' star map transparency can be used to show changes in the night sky with a rotating mask. For use with overhead projector, it maps more than 500 stars and their relationships at various times.

Edmund Scientific Co.

Circle No. 154 on Reader Service Card

Optical instruments for clinical production and research laboratories are described. Information is included on three UV-visible spectrophotometers and a double grating monochromator.

Diano

Circle No. 74 on Reader Service Card

Digital timer displays and controls in increments of minutes and seconds up to 99 minutes and 55 seconds. Replacing analog timers and mechanical timing devices, it subtracts from digital time set on the display wheels. At zero, it automatically actuates a control output switch, stops the timer motor and sounds a bell.

Veeder-Root

Circle No. 75 on Reader Service Card

An automatic water still is available that produces pyrogen-negative distillate at a rate of 1.5 liters/hours.

Wheaton Instruments

Circle No. 78 on Reader Service Card

A motion study apparatus for general physics courses that does traditional kinematics and dynamics experiments using time-sequence photography. Polaroid pictures are obtained under normal laboratory lighting.

Morris and Lee

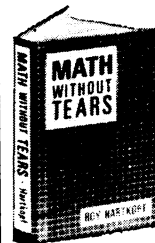
Circle No. 152 on Reader Service Card

A set of six landform models is available on which students can participate in simulated earth science field trips. Each model has a twin design that enables students (junior high through junior college) to compare composite earth features from either side. Sound cassette and instructional guide provided.

Denoyer-Geppert Company

Circle No. 153 on Reader Service Card

MATH WITHOUT TEARS



In lively non-technical language Mr. Hartkopf gives you a basic understanding of many of the everyday applications of mathematics.

Emphasizing the practical aspects of math, the author avoids mathematical terms and jargon and takes the reader from simple counting to trigonometry and calculus.

MATH WITHOUT TEARS is written with a light touch and is filled with interesting anecdotes, spiced with humor.

Learn math in the comfort of

your own home at minimum cost. ORDER NOW:
MATH WITHOUT TEARS by Roy Hartkopf
\$6.95, plus 50¢ handling 10-Day Money-Back Guar

EMERSON BOOKS, INC., Dept. 331-B
Buchanan, N.Y. 10511