



☉ \* ○ • SYMBOLS FOR STARS IN ORDER OF BRIGHTNESS

The atmosphere which surrounds the earth acts as a prism, bending some of the sun's rays into the shadow. But as these rays pass through the layer of air, much of their blue light is scattered, which gives the daytime sky its usual color. With blue removed, the remainder is predominantly red, and so the eclipsed portion of the moon has a distinctly ruddy hue.

**Celestial Time Table for February**

Feb.	EST	
2	3:01 p. m.	Moon at first quarter
8	4:00 a. m.	Moon farthest, distance 252,300 miles
9	1:53 a. m.	Algol (variable star in Perseus) at minimum

10	7:28 a. m.	Full moon and partial lunar eclipse
11	10:42 p. m.	Algol at minimum
14	7:36 p. m.	Algol at minimum
15	8:58 a. m.	Moon passes Saturn
17	10:00 a. m.	Moon passes Mars
	4:24 p. m.	Algol at minimum
18	1:01 p. m.	Moon in last quarter
22	9:39 p. m.	Moon passes Venus
23	5:00 p. m.	Moon nearest, distance 223,800 miles
25	4:16 a. m.	New moon; solar eclipse in Africa, Europe and Asia
28	2:40 a. m.	Moon passes Jupiter

Subtract one hour for CST, two hours for MST, and three for PST.

Science News Letter, January 26, 1952

**MEDICINE**

# Pain in the Neck Causes

➤ YOU CAN get a pain in the neck—a real pain—from at least 43 different things. A list to help other doctors has been compiled by Drs. James E. Watson, Jr., and Sylvester W. Thorn of Houston, Tex.

It starts with "sore throat," includes spine injury and tumors and ends with heart disease.

(Not listed by the Houston doctors are such common causes as mothers-in-law, cranky bosses, tardy secretaries, neighbors'

children, income taxes and a few others that can be diagnosed without a doctor's aid.)

The official list is given doctors in the JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION (Jan. 5).

One of the medical causes of pain in the neck attacks children only. It is Bezold's abscess on the membrane covering the temporal bone at the side and base of the skull.

A pain in the neck and swelling that may come at the sight, smell or thought of food or during a meal, sometimes making it impossible to finish the meal, is caused by an obstruction of a passage from a salivary gland.

The pain of a "crick in the neck," acute wry neck, acute pain or inflammation of a neck muscle, usually starts suddenly on awakening after sleep or follows exposure to inclement weather. It is usually accompanied by some of the symptoms of a cold, affects the back neck muscles and is made worse by jarring or sudden movement of the neck. The patient holds the neck rigid in the position of least pain and the affected muscles may be tender and taut.

Science News Letter, January 26, 1952

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