

Celestial Time Table for October

Oct.	EST	
3	8:34 p.m.	Algol (variable star in Perseus) at minimum brightness
4	5:17 a.m.	Full moon (Harvest moon)
11	5:00 a.m.	Moon passes Mars
12	8:00 a.m.	Moon farthest, distance 251,200 miles
	12:26 p.m.	Moon in last quarter
15	5:00 p.m.	Mercury farthest east of sun
	7:49 a.m.	Algol at minimum
18	4:37 a.m.	Algol at minimum
20	7:03 a.m.	New moon
21	1:26 a.m.	Algol at minimum
23	10:15 p.m.	Algol at minimum
24	3:00 p.m.	Moon nearest, distance 229,000 miles
	5:00 p.m.	Moon passes Jupiter
25	4:00 p.m.	Moon passes Saturn
26	7:04 p.m.	Algol at minimum
27	2:34 a.m.	Moon in first quarter

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

• Science News Letter, 78:202 September 24, 1960

PHYSIOLOGY

Rare Blood Group Found in Australia

➤ A RARE new blood group factor has been discovered in Australia. It was found after an analysis of more than 2,000 blood samples, following discovery that the blood of members of two Brisbane families and a Red Cross blood donor were incompatible.

The Queensland Red Cross blood bank director, Dr. A. E. Shaw, said this was the second time such a discovery had been made. The first rare blood group called "Graydon," was originally found among members of a Melbourne family many years ago. The second blood group has not been named.

"The discoveries are the result of patient investigation over several years," Dr. Shaw said. "They will make the techniques of blood transfusion safer."

The American National Red Cross director of research, Dr. James H. Pert, said the new factor was unknown in the United States as far as he knew.

• Science News Letter, 78:203 September 24, 1960

Do You Know

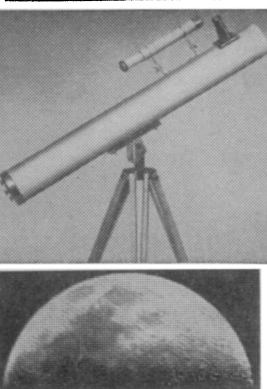
If the eye has no other disease, over 90% of the patients undergoing cataract surgery will have their vision restored; when other diseases are present, at least two-thirds will regain sight.

A high-powered hydrogen gun, capable of shooting projectiles at a speed 20 times as fast as a .45 caliber bullet, is one of the weapons that scientists will use in their assault on outer space.

In the United States and Canada, more than 2,000,000 fires of all sizes, during 1959, destroyed close to \$1,400,000,000 worth of property.

The Great Wall of China took centuries to build and, when finished, stood 20 to 30 feet high, averaged 25 feet in thickness at the base, and was 1,400 miles long—equal to halfway across the United States.

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This is an actual photograph of the moon, taken through our Astronomical Telescope by a 17-year-old student.

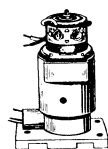
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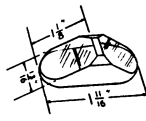
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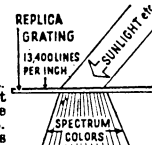
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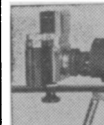
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