

APRIL HEAVENS WILL SLIP COG UNDER NEW RULE

Man-Made Law Gives Astronomical World Tremendous Jog; Rigge Explains How it Will Work.

By WILLIAM F. RIGGE.

The most important happening of the month from the astronomical point of view, is that the heavens will seem to have slipped a cog, as the expression is, and to have delayed all their events by a whole hour. The sun, the moon, the planets, the stars, everything in the whole heavens, will rise, south, and set an hour later than at the times we will find put down for them in the almanac. This tremendous jog in the gear is owing to a man-made error, and will occur suddenly on Easter Sunday morning, early, while most of us will yet be asleep, at the moment that our clocks will show 2 a. m. While our clocks will keep on going, and the minute and second hands will know nothing of the occurrence, the hour hands will jump suddenly from 2 to 3 o'clock, so that there will be a sudden blank in our Sunday morning March 31, 1918 2 a. m. and 3 a. m. During this vacant hour there will be no time whatever, nothing can legally happen, and all of us will be at once, as it were, an hour older. And the cause of the whole dislocation is the law that on Easter Sunday morning at 2 o'clock central time, all the clocks in the United States are to be set forward exactly one hour. This is the Daylight-Saving Bill.

The reason of this change of the time all over the country is to give us all the benefit of the long summer evenings, to delay apparently the time of sunset and prolong the day one hour. So that after having only once set our clocks one hour ahead, and then doing everything as usual, according to our clock, rising, working, taking meals, and retiring, all at our accustomed clock times, we will be agreeably surprised to have a full hour more of daylight after supper, which we may turn to our own personal profit in ever so many ways by doing work of our own about the house or elsewhere.

Like Traveling Eastward.
This setting of our clocks ahead one hour is exactly like travelling eastward from the central time belt into that of eastern time, passing through Pittsburgh, Pa., for example. Every traveling man knows what this means, he simply sets his hour hand one hour ahead, and then does everything as usual according to his accustomed watch times.

The law goes into effect, as said, faster Sunday morning at a moment when our clocks show 2 a. m., but are then made to show 3 a. m. This will take one hour of sleep away from us that night. We shall recover it later on in the fall, when our clocks are set back again. In order to prevent trouble coming from forgetting to set our time pieces an hour ahead at the moment prescribed by law, let us make sure to do it when we retire to rest Saturday night. All we have to do, let us repeat it again in order to have it clear before us, all we have to do is, on Saturday night, March 30, on retiring for the night, to set all the clocks and watches in the house exactly one hour ahead by turning the minute hand one full hour or one complete turn forward in the direction in which it is moving. This is all. The alarm hand of the clock need not be changed at all. After that we obey the clock as if nothing had happened. We rise when the alarm goes off, say our prayers, take breakfast and do everything as usual at the old clock times.

But we must not forget to set all our clock one hour ahead on Saturday night, otherwise there will be trouble. If we forget we will be an hour late for everything on Sunday. For example, if we wish to attend the solemn high mass on Easter day at St. John's church at 10 o'clock, if we have forgotten to change our time pieces, we will come there at 12 o'clock, when the services will be all over.

Gives More Daylight.
The purpose of the law in this setting our clocks one hour ahead during the summer months is, as already said, to give us practically one hour more of daylight at a time when we can use it to best advantage, that is, after our ordinary day's work is done. This arrangement has been tested in practice by all the warring nations of Europe, and has proved to be such a success that it is now adopted every year and promises to become a permanent feature. In fact, many people have even advocated to have our clocks set an hour ahead all the time throughout the entire year, and not during the summer months only. However, like everything on this earth, this advancing of our clock times is not a perfect arrangement, but brings with it some disadvantages. The first is that we really do rise an hour earlier than usual, so that, if we are accustomed to trust more to the daylight than to the alarm clock to wake us, we may readily oversleep ourselves. This may cause some trouble in the beginning before we become used to the new order, but very probably not much afterwards.

Lose All Advantages.
The second is that we may be persistently conscious of having advanced our timepieces an hour, and on that account lose all the advantages of the system. We are then like some people living in the country at a distance from a town, who have their clocks permanently set 15 or 30 minutes ahead in order to be sure not to miss trains, but who always know this fact and leave that much later than they would otherwise do. No, we should set our clocks ahead at the specified time, do it once, and then forget the fact as completely as possible, for then we will do everything at the usual clock times and get the full benefit of the prolonged daylight.

The third disadvantage may be somewhat serious for some people who will not retire to rest at the usual clock time, because they say, it is yet daylight. The consequence will be the loss of an hour's sleep every night. This is hard on working people and on children, who need their full time of sleep, and parents should be careful to send their chil-

dren to bed at the usual clock times. People from Alaska will certify to this, that on account of the short nights in summer and even the total want of darkness for several weeks, it is hard for them to make up their minds to go to sleep when the sun was shining.

The advantages of this new summer time are, however, said to be so great that once we get used to it, we will become its strongest advocates.

Cannot Affect Sunrise.
But setting our clocks ahead cannot affect the movements of sunrise and sunset. The consequence is that all the happenings in the heavens come an hour later by our clock. This is well seen in our table of the risings and settings of the sun and moon for this month, to which as usual we have added two or three days of the preceding and following months. On Saturday, March 30, the sun rises at 6:15, but on the next morning, which is Sunday, April 1, the sun rises at 7:13, all at once about an hour later. In like manner the sun sets on Saturday at 6:43, and on Sunday at 7:44, this giving us at once a whole hour more of daylight. For the same reason it is noon by the sun dial on the 30th at 12:29, and on the 31st at 1:28. With the moon these changes are not so obvious. The times given in this table are those shown by our clocks in April when the corresponding events happen. This includes, of course, the times of the moon's phases and of all other astronomical happenings.

Independently of all clock changes the length of the day increases one hour and a quarter during the month, being 12 hours, 34 minutes long on the first, 13 hours 14 minutes on the 15th and 13 hours 49 minutes on the 30th. A sundial would seem to make the sun from one hour 28 minutes slow on the 1st to one hour 21 minutes slow on the 30th.

We still have the three great planets as evening stars, although the lateness of the twilight will make it hard for amateur astronomers to observe the heavens. Jupiter sets on the 15th at 11:48 p. m. Saturn south on the 15th at 8:33 p. m. and Mars at 10:58 p. m. The moon is in conjunction with them respectively on the 14th, 18th and 21st, and with Venus, our brilliant morning star, on the 7th. On the 20th Venus will be farthest from the sun.

SUN.		MOON.	
Rise/Noon/Set.	1918.	Rise/Set/High.	1918.
6:15/12:29/6:43	30-Sat.	10:11/2:15/7:14	
7:13/1:28/7:44	31-Sun.	Midn 4:03 8:50	
7:11/1:28/7:45	1-Mon.	12:01 4:50 9:32	
7:10/1:28/7:46	2-Tue.	1:07 5:40 10:23	
7:09/1:27/7:46	3-Wed.	2:15 6:29 11:12	
7:08/1:27/7:46	4-Thu	3:26 7:13 12:00	
7:04/1:27/7:50	5-Fri.	4:40 7:52 12:44	
7:02/1:26/7:51	6-Sat.	5:56 8:27 1:29	
7:00/1:26/7:52	7-Sun.	7:14 9:01 2:14	
6:59/1:26/7:53	8-Mon.	8:34 9:36 2:59	
6:57/1:26/7:54	9-Tue.	9:59 10:11 3:44	
6:55/1:25/7:56	10-Wed	11:24 10:46 4:27	
6:53/1:25/7:57	11-Thu.	12:49 11:21 5:09	
6:51/1:25/7:58	12-Fri.	2:14 11:56 5:50	
6:49/1:25/7:59	13-Sat.	3:39 12:31 6:31	
6:48/1:24/8:00	14-Sun.	5:04 1:06 Midn	
6:47/1:24/8:01	15-Mon.	6:29 1:41 1:13	
6:46/1:24/8:02	16-Tue.	7:54 2:16 1:57	
6:44/1:24/8:03	17-Wed.	9:19 2:51 2:41	
6:43/1:23/8:04	18-Thu.	10:44 3:26 3:24	
6:41/1:23/8:05	19-Fri.	12:09 4:01 4:07	
6:40/1:23/8:06	20-Sat.	1:34 4:36 4:50	
6:39/1:23/8:07	21-Sun.	3:00 5:11 5:33	
6:37/1:23/8:08	22-Mon.	4:25 5:46 6:16	
6:36/1:22/8:09	23-Tue.	5:50 6:21 7:00	
6:34/1:22/8:10	24-Wed.	7:05 6:56 7:43	
6:33/1:22/8:11	25-Thu.	8:30 7:31 8:26	
6:31/1:22/8:12	26-Fri.	9:55 8:06 9:09	
6:31/1:22/8:13	27-Sat.	11:20 8:41 10:00	
6:30/1:22/8:14	28-Sun.	11:55 9:16 10:53	
6:29/1:21/8:15	29-Mon.	11:56 9:41 11:21	
6:27/1:21/8:16	30-Tue.	Midn 4:38 10:36	
6:25/1:21/8:17	31-Wed.	12:43 11:20 11:31	
6:24/1:21/8:18	1-Thu.	1:26 12:04 12:14	
6:22/1:21/8:19	2-Fri.	2:03 12:14 12:32	

MOON'S PHASES.
Last quarter on the 4th at 8:33 a. m.
New moon on the 10th at 11:31 p. m.
First quarter on the 17th at 11:04 p. m.
Full moon on the 26th at 3:05 a. m.

Volunteers of America Will Start Drive to Raise \$3,000

Volunteers of America, in an effort to raise \$3,000 to defray the expenses for the coming year, will start a drive April 4. More than \$800 has already been donated.

According to the annual statement of the work accomplished during 1917, more than \$10,000 was expended by the volunteers in the 12 months prior to January 1, in charitable enterprises and for the maintenance of the organization.

Nearly 500 baskets of food were distributed to the needy on Thanksgiving and Christmas, costing approximately \$1,500. More than 600 persons were furnished with lodging, free of charge, and 2,200 free meals were served.

During the year 198 religious services were held, at which the estimated attendance was 76,780, from which number 111 converts were obtained.

America's Offer of Aid Goes To Hearts of Frenchmen

Paris, March 30.—General Pershing's sincere and many words in placing at the disposal of General Foch the entire resources of the American army have gone straight to the heart of the French people, who dearly love what the French call "fine gesture."

The newspapers of all shades of opinion reflect this grateful appreciation, both by the prominence they give the incident and in their comments.

Echo de Paris says that France, as a whole, does grateful homage to the United States, adding, "to use the

Wanted--A High Grade Salesman for North Central Iowa

to sell a High Grade Specialty manufactured by a Million Dollar Corporation, the oldest, largest and highest grade line of its kind in the world. Personal interview may be arranged by telephoning, Saturday morning, April 6th, to J. W. Burrows, Fontenelle Hotel, Omaha.

What Doctors Use for Eczema

A soothing combination of oil of Wintergreen, Glycerine and other healing ingredients called D. D. D. Prescription is now a favorite remedy of skin specialists for all skin diseases. It penetrates the pores, gives instant relief. Try D. D. D. today. 50c, 80c and \$1.00.

D. D. D. The Liquid Wash
Sherman & McConnell Drug Co.

language of surgeons, we may say there has been and there is more than ever today a transfusion of blood between the two countries."

Gangway!
Gangway for the old ball and bat. Hockey, basket ball, roller polo and

sundry other winter sports had better stand aside, and do it quickly, else the king of all pastimes will run 'em down.

You can secure a maid, stenographer or bookkeeper by using a Beq. Want Ad.

Oregon Ship Men Offer 150 Ships to United States

Washington, March 30.—An offer to build 150 motor-driven wooden ships without interfering with the government's building program was

presented to the shipping board today by Oregon shipbuilders.

The board was told timber and sites for yards are available. The builders offered to make Oregon the foremost shipbuilding state by turning out a greater quantity of vessels than any other state.

Wreck Jordan Railway Track

London, March 30.—British mounted troops have destroyed several miles of the track of the Hedjaz railway, east of the River Jordan, on the Palestine border, it was officially announced today.

Spring Opening Hartman's

announce the arrival of their extensive new 1918 Spring and Summer displays of Homefurnishings. This is, in all probabilities, the largest showing of new furniture, rugs, carpets, etc., in both designs and finishes, ever displayed in America. The fact that we are the world's largest buyers and sellers of homefurnishings arms us with a mighty purchasing power which no other concern can command. It accounts for our superior values in every instance. Typical of the extraordinary values now available are the following random selections—which can give but a hint of the immense varieties of fresh, new stocks now on display at our stores. Inspection cordially invited.

CONVENIENT MONTHLY PAYMENTS GLADLY ARRANGED

Push the Button and Rest.

A ELEGANT FLOOR LAMP, attractive 24-inch shade in blue, gold or rose; convenient slip plug mahogany finish; standard finish; specially priced at.....

AN EXQUISITE LOUIS XVI genuine American Walnut Bed-room Suite—Artistically designed and ornamented as illustrated; complete, four pieces, only.....

Or Can Be Purchased Separately as Priced Below:

Louis XVI Dresser—A splendidly designed bed, head end 58 inches high, fitted with mahogany steel side rails, three roomy drawers, antique metal drawer pulls. Priced at.....

Large size chiffonette, top doors conceal four full length drawers, swinging side mirrors each 20x28 large drawer. Priced at.....

BEAUTIFUL "KARPEN" MAHOGANY ROCKER—Elegantly upholstered in a splendid quality of striped and figured velour. Note the artistic cane panelled back and sides; richly finished in antique mahogany; quoted specially at.....

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"ROYAL" EASY CHAIR—Solid oak frames; finished golden or fumed; upholstered in Spanish imitation leather; back reclines without leaving seat; simply push the button and rest, an unusual value at, only.....

WILLIAM AND MARY PERIOD Dining Table—Built of selected American walnut or genuine mahogany; splendidly finished; has 64-inch top and can be extended to six feet if desired; a quality table in every respect; price for this week, at.....

ADAM style Living Room Set. "Karpeneque" construction; Marshall spring seat cushion; upholstered in fine blue silk damask; medallion pillows and bolster upholstering to match; attractive cane panel sides and back; antique mahog. finish. DAVENPORT, as illustrated, including two pillows and bolster.....

AN ELEGANT 60-INCH BUFFET in William and Mary type, built of choicest antique mahogany or genuine American walnut; beautifully finished; dust-proof throughout; all drawers have mahogany interior; lend a unique charm to any dining room; our price only.....

CHAIR, as illustrated, including pillow to match.....

ATTRACTIVELY DESIGNED AND STRONGLY CONSTRUCTED Solid Oak Library Suite—Note the splendid table, fitted with stationery drawers and magazine shelves at either end; measures 24x42; arm chair and rocker upholstered in high grade imitation Spanish leather, over full spring construction; well built throughout and richly finished fumed; furnish your whole room with this splendid set for, only.....

FINE, FIBRE REED ROCKER—Splendid design; upholstered in figured tapestry; baronial brown finish; broad, comfortable seat; high back; detachable cushion over set of steel springs; priced at, only.....

Rugs
In charming new color combinations, exceptionally attractive patterns.

HANDY FIBRE REED COLLETS—FIBRE SUITCASE—2 Pcs. sides finished gray enamel or natural finish, adjustable back rubber-tired wheels, large hood, easily folded, only.....

EXCEPTIONALLY HIGH GRADE 3-PIECE PULLMAN SUITE—Consists of the famous Pullmanette, which is instantly converted from a davenport to a full size, comfortable bed; one extra arm chair and rocker; or match; finished in fumed; entire set upholstered in high grade imitation Spanish leather; special for this week, the three pieces, at.....

SEE OUR SPLENDID display of roomy up-to-the-minute baby carriages in all finishes and styles; our illustrated is full-size reed carriage, finished in gray or brown, 18-inch wheels, fitted with rubber tires, upholstering to match, at.....

A REMARKABLE VALUE in our new model kitchen cabinet, solid oak construction, sliding roll front door, sliding aluminum top, tilting four bin, sugar bin, china compartment, utensil drawers and pan compartment; a wonderful value at.....

REMARKABLE VALUE in a heavy 2-inch post metal Bed, white or Vermis Martin enamel; made with continuous springs; has French-style fillers; can be had in all sizes; priced specially, at.....

6x9 Fibre Reversible Rug..... \$9.98
8x12 Grass Rug..... \$9.75
8x10-6 Fibre Reversible Rug..... \$14.75
9x12 Fibre Reversible Rug..... \$15.89
9x12 Congo Rug..... \$9.98

8x12 Princeton Brussels Rug..... \$12.98
8x12 Seamless Velvet Rugs..... \$23.45
8x12 Velvet Rugs—Newest spring designs..... \$21.69
8x12 Heavy Seamless Velvet Rugs..... \$26.75
8x10-6 Axminster Rugs..... \$29.75

ANITARY SIDE-BOARD CRIBB—Complete with flexible spring; measures 26x44—has an automatic drop sides; all white enamel finish; note the closeness of the bars; just as illustrated; priced at.....

SEE OUR SPLENDID display of roomy up-to-the-minute baby carriages in all finishes and styles; our illustrated is full-size reed carriage, finished in gray or brown, 18-inch wheels, fitted with rubber tires, upholstering to match, at.....

REFRIGERATOR TIME, AND THIS STORE IS READY! There is not a refrigerator made, from a simple 40-pound chest to the finest porcelain refrigerator, that this store cannot supply; and we carry no refrigerators that we cannot safely back with a guarantee that they will give satisfactory service. Box as illustrated, only.....

A WELL BUILT AND NEATLY DESIGNED DRESSER—Base fitted with four roomy drawers; entirely constructed in imitation quarter-sawn oak, golden finish; has French-style plate mirror set in a neat frame. Be sure and see this exceptional value at.....

Purchase a Few Columbia Records And Get Your Columbia Grafonola At Hartman's, with No Money Down!

The first payment on your grafonola does not become due until thirty days after you receive your machine. This offer applies on any model machine. You couldn't think of an offer which would make it easier for you to have WORLD'S BEST MUSIC IN YOUR HOME.

Grafonola Section, 1st Floor.

THE MACHINE ILLUSTRATED is our Model No. 75—a marvelous instrument in every way, mahogany, walnut or quartered-oak. Only..... \$85

SPECIAL VALUE in a Solid Oak Buffet—Carefully constructed throughout, finished golden or fumed; has roomy linen compartment, three large drawers, one lined for silverware; French plate mirror set in heavy frame; exceptional value, at.....

LARGE SIZE SOLID OAK STORAGE CHEFFONER—Five roomy drawers, fitted with wood pulls; strongly-built and finished in golden. This is one of our very special values and must be seen to be appreciated; price for this week's selling, at.....