

'IONOSPHERE' IS NEXT, BELIEVES U. S. SCIENTIST

Weather Bureau Official Speculates on Void of Outer Space.

BY HILLIER KRIEGBAUM
United Press Staff Correspondent
WASHINGTON, Nov. 14.—What phenomena will man discover if he penetrates the stratosphere and voyages on into the unknown void of outer space?

Dr. William J. Humphreys, in charge of the weather bureau's research work, today speculated on what lies beyond the 14-mile mark set by the balloon Explorer II.

Nobody knows for sure because none has been there, just as sailors did not know—before the discovery of America—what lay beyond the Atlantic Ocean. But Dr. Humphreys said that he was almost positive that the temperature in the "ionosphere," a region approximately 50 to 75 miles above sea level, was as warm as the temperatures of a summer day in the United States. That is, close to 100 degrees above zero. The pioneer into the "ionosphere" could take along a panama hat to replace the woolen mittens needed in the stratosphere.

Scientists Generally Agree
Dr. Humphreys explained that scientists generally agreed to this theory because it was the region where meteors and shooting stars catch fire on their rush toward the earth, where sound waves bounce back to earth again and where the auroras are seen.

But the "ionosphere" explorer would find no air to breathe and he probably would burst.
The content of any given space of air would be much rarer than at the earth's surface. Dr. Humphreys said the lack of air would be more marked than the difference between standing room on Broadway on New Year's Eve when thousands are crowded together and a southwestern desert where there is not even one settler to 40 square miles.

Radio Waves Stopped
Radio engineers have known for years that there was a "radio roof" which stopped the radio waves and sent them back to earth or bent them so they shuttled along the "roof." Scientists are not agreed on whether the "ionosphere" which Dr. Humphreys described is the same as the "radio roof."

L. T. Samuels, assistant chief of the aerology division of the bureau, who supervises the sending of sounding balloons into the sky, said that free balloons carrying instruments had reached a height of 23 miles.
The difference is that the men have to get back to earth safely while the instruments can parachute down from heights which would kill men.

ELECTED 'MISS AUTO SHOW HOSTESS'



Miss Martha Moore

Elected "Miss Automobile Show Hostess" by Indianapolis newspaper women, Miss Martha Moore, Butler co-ed, 5125 Park-av, now greets visitors to the silver jubilee exhibit at the Fairground. She is one of 22 Butler co-eds acting as hostesses at the auto show and is a member of Kappa Alpha Theta.

SOUTHPORT LODGE TO MARK FOUNDING

Masons Will Hold Dinner Saturday.

Southport Lodge 270, Free and Accepted Masons, is to observe the seventy-fifth anniversary of its founding with dinner, entertainment and initiation Saturday at the hall.

Bert Essex, world traveler, is to speak. Arrangements are in charge of a committee consisting of William G. Hartman, worshipful master; John A. Whalen, senior warden, and Ralph E. Smith, junior warden. Other officers are Leonard McAlpin, treasurer; Otis O. Burnett,

secretary; Charles W. Miller, senior deacon; Howard C. Smith, junior deacon; Omer W. Brewer, chaplain; Francis H. Bennett, senior steward; William Bohne, junior steward, and John E. Zintel, tyler. Trustees are Mr. Zintel, Charles Bohne and Harry O. Strong.

Rites Set for Negro Evangelist
Services for the Rev. Charles F. Anderson, Negro Baptist evangelist, who died yesterday in his home, 1361 Hiatt-st, are to be held at 11 Saturday afternoon in the First Baptist Church of West Indianapolis. Burial is to be in Mount Jackson Cemetery.

ATTENTION STAMP COLLECTORS
PACKETS AND SETS 10¢ TO 125¢
ALSO ACCESSORIES
THE H. LIEBER COMPANY
1000 N. MERIDIAN ST., INDIANAPOLIS

FRANK WALLACE TO PARTICIPATE IN PEST PARLEY

Entomologist Will Go to Capital to Discuss Beetle Problem.

Frank Wallace, state entomologist, is to go to Washington Saturday for a conference on the Japanese beetle situation. The parley is to be held under auspices of the Bureau of Plant Quarantine, Department of Agriculture. W. C. Reed, Vincennes, representing Indiana nurserymen, is to accompany him.

Anticipating agitation to extend the Japanese beetle quarantine area, Mr. Wallace said he is prepared to defend the plan under which Indiana, with Federal co-operation, is waging its fight against the pest.

Embracing Indiana within the quarantine belt would mean great inconvenience to auto drivers who would be required to submit to inspection at the state line, he said. This was done some years ago during the corn borer quarantine.

Extending the quarantine would hasten the time when the beetle might constitute a serious menace, Mr. Wallace said, adding that he feels methods being employed here are effective.

He revealed that 59 Japanese beetles were found in the 2500 traps placed on Indianapolis lawns last summer. Early in the year 40,000 pounds of lead were sprinkled on lawns to poison the ground in an effort to destroy the larvae.

Stories in STAMPS

By I. S. Klein

SONG OF A NATION



THE spirit of freedom burned in the heart of the young Czech patriot, actor and poet, Josey Tyl, when he 1834 he composed the words to a song that has become the national anthem of Czechoslovakia. "Where is My Homeland?" is the title.

Tyl had written the words originally for a light, patriotic play which never made a success. But the music made it the Czechoslovakian hymn. Frantisek Jan Skroup composed the music, it is said, at the bedside of his dying wife.

Czechoslovakia celebrated the one hundredth anniversary of this song in 1934 by issuing a stamp of two values, one shown here, and printing each in blocks of fifteen with the words and music of the opening bars of the song in the margin.



EYES EXAMINED... GLASSES ON CREDIT

DANGER AHEAD! FOR THOSE WHO NEGLECTED THEIR EYES!

HEED those danger signals of failing eyesight! A little precaution NOW—having your eyes examined today—will keep you safely along the way of better vision.

KAY JEWELRY COMPANY
137 WEST WASHINGTON STREET
Directly Opposite Indiana Theatre

Best for you and baby too
Cuticura Soap

No need to worry about skin irritations when you use for daily toilet purposes the same pure, soothing soap that you use for baby's tender skin. Containing the delicate Cuticura medication, Cuticura Soap protects sensitive skins and helps to keep them in a clear condition.
Price 25c. Sold at all druggists.

SHIFT OF SWANBORG CALLED TEMPORARY

U. S. Inspector Expects to Return Soon.

Roy W. Swanborg, junior inspector of internal revenue, said today that his transfer to Chicago is only temporary and that he will be back in Indianapolis in two weeks.

E. C. Yellowley, district supervisor, Chicago, announced Mr. Swanborg's transfer yesterday. Mr.

Swanborg is to have charge of retail inspectors in cities of the Ninth District, comprising Wisconsin, Indiana and Illinois during his stay in Chicago.

Mr. Swanborg joined with Mr. Yellowley in stating that the transfer was not the result of "outside pressure" due to Mr. Swanborg's activities in enforcing the Federal liquor laws in this section.

Mr. T. Walter, replacing Mr. Swanborg here, will return to Peoria, Ill., when Mr. Swanborg reports back for duty in Indianapolis, he said.

Stamp Club Meets Tomorrow
The Indiana Stamp Club is to meet tomorrow in the Lockerbie.

NAGLEY SERIOUSLY ILL

Former Local Newspaper Man Now at Robert W. Long Hospital.

Lester C. Nagley, former Indianapolis newspaper man and Terre Haute correspondent of The Indianapolis Times, is seriously ill in Robert W. Long Hospital. Mr. Nagley has been ill for several weeks.

Today... Tonight
AUTO SHOW
Fair Grounds

Reflects PERFECT DISTILLING

SMOOTHNESS and clarity reflect the perfect distilling of Mistletoe Gin.

It blends better in cocktails and mixed drinks—brings out the delicate flavors of other ingredients. One reason is that the grain spirits, basis of all good gins, are distilled by us from choicest small grains. Only the finest of fruit ingredients and aromatics are used in the famous old Mistletoe formula, guarded since 1882.

Take home a bottle of Mistletoe Gin today—and always ask for it at your favorite bar.

MISTLETOE GIN

NATIONAL DISTILLING CO.
MILWAUKEE, WIS.

Mistletoe Dry, Tan, Sloe Gins — and Kummel

RUBY—the Gem of Sloe Gins... Rich, sloe berry flavor and glowing ruby color. Makes the best looking, best tasting sloe gin fizz and rickys you ever had. In fifths and pints at most dealers. Call for it at bars.

Sale!

Friday Only
Women's and Misses'
Sport Coats
Sizes 14 to 46
\$9.77

Sport coats you'll find smart enough for many winter occasions. For school, for business and general wear. Choice of checks, tweeds and mixtures. Some are plaid backs, some taffeta lined. Specially priced.

Star, Second Floor

SALE! 600 Women's TUB FAST

Bungalow Aprons
Also Long Sleeve Dresses

66¢

These Garments Were Made to Sell for \$1 and \$1.29

2 FOR \$1.25

A special purchase, a fortunate buy, 600 tub-fast aprons and dresses. Now is the time to stock up at this special low price. Garments you want for about the home, fashioned of "Scout" percale, and better fabrics, in light and dark grounds. Long sleeve dresses are small, medium, large and extra large. Bungalow frocks in sizes small, medium, large and double extra large. Several popular styles to choose from.

Star, Second Floor

STAR STORE
BUY ON OUR TEN-PAY PLAN
360-370 WEST WASHINGTON ST.

Super Friday Bargains

Clearance of Women's \$1.19, \$1.98 and \$2.98
Silk Blouses
SPECIAL
59¢

Another real Friday bargain! Women's beautiful quality silk crepe, satin, taffeta and acetate blouses. These are broken sizes in assorted colors. Sizes 34 to 40. Some slightly soiled from handling. Friday only, while they last.

Star, First Floor

Wool Blankets
70x80 Genuine "Cannon" Mixed
Large double bed size; heavy weight, sateen bound; beautiful block plaids of rose, blue, green, orchid. A dandy blanket value.
Star, Basement

Men's and Boys' JACKETS
All-Wool Blue Meltons
Men's jackets have zipper front, two pockets, sizes 36 to 46.
Boys' Jackets All-wool, blue or wine color melton; also fancy plaid. Zipper style. Sizes 6 to 18.
Star, First Floor

Half Price Sale! Colorful Lamps
Brighten your home with these beautiful lamps this winter. Buy them now at this half price sale. Choice of bridge and junior styles, complete with shades, including 3 candle styles. Out they go at half price.

29 Lamps. Regular \$5.95 Values..... \$2.98
42 Lamps. Regular \$4.95 Values..... \$2.49
33 Lamps. Regular \$3.98 Values..... \$1.98

Half Price & Less Lamp Shades
Large assortment of junior and bridge style lamp shades. Formerly priced at 69c, 59c and 39c. While they last.
Star, Basement

Women's Double Rayon Striped Union Suits
35¢

Snug fitting, built up shoulder, tight knees and underarm reinforcements. Sizes 36 to 44. Special for Friday only.

Women's Rayon Striped Knit Bloomers
39¢

Elastic waist and knee. Sizes 36 to 44.

25% Wool Tuck Striped Vests and Panties
25¢ Ea.

Vests, have built up shoulders, pants have elastic waist and knees; medium and large sizes.

Women's Regular and Extra Sizes Union Suits
79¢

Short sleeves, knee length, dutch neck, rayon striped.

Women's Fleece Union Suits
\$1.00

Bleached, ribbed union suits; long sleeves, ankle length, high neck; sizes 36 to 44.

Star, First Floor