

Jewish Observance Of Rosh Hashana Will Begin Tonight

Washington - (UPI) - The most sacred period of the Jewish religious calendar begins at sundown tonight with the observance of Rosh Hashana, the Jewish new year.

Rosh Hashana, a Hebrew term which literally means "head of the year," opens a 10-day period of repentance and rededication which ends with Yom Kippur, the day of atonement.

During this period, commonly called the "high holy days," devout Jews engage in sober introspection and spiritual stock-taking. They review their conduct in the year gone by, repent their shortcomings and resolve to live up to high ethical principles in the year ahead.

Tonight's ceremonies will inaugurate the year 5721 on the Jewish lunar calendar.

Orthodox and conservative branches of Judaism observe Rosh Hashana for two days. Reform Jews have a one-day observance.

Unlike the celebration of the Passover, which centers in the home, Rosh Hashana is primarily an occasion for corporate worship in the synagogue.

Yom Kippur, which begins at sundown Friday, Sept. 30, is the culmination of the sacred period and is regarded as the holiest day of the Jewish calendar. Many Jews observe it with total abstinence from food and drink.

Gorillas may be thin or fat, and their facial expressions vary greatly. Some reveal marked family likeness, just as people do.

The eastward "jet stream" in the upper atmosphere, sometimes speeding at more than 250 miles an hour, is higher in summer than winter.



HEADS GENERAL ASSEMBLY - Ireland's Ambassador Frederick H. Boland presides after his election as president of the General Assembly's 15th session at the United Nations in New York. On dais with him, to the left, is United Nations Secretary General Dag Hammarskjöld.

Smith, Neuberger Suggest Ways To Improve Economy

By United Press International

Methods to improve Oregon's economy were the objects of suggestions today by Oregon's two rivals for the U.S. Senate.

Elmo Smith, the Republican nominee, urged a new agency to coordinate all forestry activities. His Democratic rival, Mrs. Maurine Neuberger, proposed a government-sponsored tourist promotion program to encourage Europeans

Albany Plywood Firm Acquired

Albany - (UPI) - Control of Hub City Plywood and Three Sisters Plywood, Inc., both of Albany, has been acquired by Vancouver Plywood Corp., according to Elton Disher, general manager of the two Oregon firms.

He said Vancouver Plywood acquired about 51 percent of the stock for a price "in excess of \$100,000."

Columbia Salmon Fishing Declines

Portland - (UPI) - Catches so far have been slim in the Columbia river since the commercial salmon season opened this week, buyers and fishermen reported.

One buyer said Tuesday he did not believe more than 3,000 pounds of salmon had been landed between the Vancouver bridge and Mount Pleasant and that catches were small downstream.

The Oregon Fish Commission said reports from Bonneville Dam indicated the salmon run was down. Between Aug. 1 and Sept. 18 the salmon count there was 93,000 compared to 179,000 last year.

Fishermen said apparently most of the fall salmon had reached Bonneville before the commercial season opened.

Hunters Asked To Help FS Officials

Yreka - Supervisor Charles Yates of the Klamath National forest has asked deer hunters for their help in protecting young timber stands against porcupines.

The porcupine population in recent years has increased to such a high level that they are doing serious damage to young pine stands on national forest and private timberlands. Porcupines damage pines by girdling, which generally results in deforming the trees so that they become valueless for growing into future sawtimber.

Yates said that contrary to popular belief, porcupines are not protected by law. The Klamath National Forest has a yearly control program to reduce the numbers of porcupines in areas where they are doing the greatest damage. Control work was done on 31,700 acres of pine timberlands on the Klamath forest last winter. Deer hunters can be a big help to the control project by shooting porcupines that they see in the woods while hunting, Yates said.

Space Probe At a Glance

Cape Canaveral, Fla. - (UPI) - Air Force Blue Scout Jr. space probe at a glance:

Weight - about 14,000 pounds.

Height - approximately 40 feet through four stages.

Propulsion system - four solid-fueled engines developing total of more than 50,000 pounds of thrust.

Operation - rocket will boost 32.8 pounds radiation package at more than 22,000 miles per hour to altitude of about 17,000 miles; payload would return to earth off west coast of Africa, probably burning up on re-entry to atmosphere.

Payload - package of devices to measure low-energy radiation particles, X-ray detector, neutron detector, two Geiger counters and magnetometer; four-channel telemetry transmitter to relay information during flight.

Hurricanes Cost Hundreds of Lives, Billions in Damage

Washington - (Science Service) - The latest and most highly expensive radar now enables the U.S. Weather Bureau to watch storms like Donna and Ethel better than ever. Carol, in 1954, was one of the most convincing arguments for this new equipment.

After moving sluggishly off Florida and South Carolina, Carol dashed one night for New England, where citizens slept unaware.

By noon, some city areas were under eight to ten feet of water.

Carol cost about \$500 million. But Diane, in 1955, topped that. And now Donna has over-reached both.

Only twice in this century, before 1954, had the Northeast been in the path of severe hurricanes.

With the new equipment, a hurricane is usually noted first by radarsmen at Cape Hatteras. But soon thereafter the hurricane can be seen on the big \$300,000 radarscope here. This radar has an effective range of about 250 miles - about 100 miles farther than earlier sets.

Knowledge Used

Radar data is combined with ship and hurricane reconnaissance plane reports. Prevailing weather conditions and knowledge of the turns and paths of earlier hurricanes are also used in the forecast of a new hurricane.

Soon data may also come from satellites. A Tiros weather satellite scheduled this year will be "partially operational." That is, some of the pictures will be rushed to the Weather Bureau for use in predicting storms' paths. A fully operational weather satellite called Nimbus is planned for 1962.

The satellites will probably help in predicting the paths of hurricanes. They will also provide early warnings and permit good estimates of a hurricane's size.

Precious Information

But they may also reveal information more precious still: data on the mysterious birth of the storms on or near equatorial fronts. Apparently the spin of the earth combines with other weather factors to produce these hurricanes - but scientists need to know more.

Some scientists have suggested that with this further data, man can diminish a hurricane's force by rainmaking - by causing rain to fall before a storm reaches an area and thus "starving" the hurricane.

Plastic Coating Used in Garden Fertilizers

New York (Science Service) - The latest in garden wear - for fertilizers - are plastic coatings. Dr. Kirk Lawton, professor in soils at Michigan State university, reported here to the American Chemical Society meeting.

The purpose of the coating is not to minimize odor. The dressed-up fertilizers can create "lush lawns and gorgeous gardens" better than conventional uncoated fertilizers because the coating slows down the rate at which their various constituents are released to the soil, he explained.

The plastic coatings on fertilizer makes it possible to meter out the nutrients more nearly as plants require them, Dr. Lawton said.

Less Potassium Loss

Laboratory and greenhouse experiments carried out by Dr. Lawton showed that a coated fertilizer lost only 5.4 percent of its potassium (an important fertilizer mineral) while the same amount of uncoated fertilizer lost 81.3 percent in the same period of time.

Most fertilizer used on farms and gardens and lawns in the United States is applied before or at the time a crop is planted or starts growing. The components of soluble fertilizers, therefore, are largely free to react with soil minerals. At this time the nutrient requirements of seedlings or transplants are small.

Plastics used for coatings in the experiment included vinyl acetate, paraffin, acrylic resin and polyethylene, all of which were effective in reducing the rate at which soluble fertilizers normally dissolve in soils.

Ecuador gets its name from the Equator which runs through the country.



NEW PLYMOUTH - The 1961 Plymouth has a new look of beauty and a new ride of stability, according to company officials. The car has made major engineering and styling gains in the areas of economical operation, trouble-free driving, luxury-car appearance and solid riding characteristics.

Drug Industry Backs Stricter Label Decision

Washington - (UPI) - Food and Drug Commissioner George P. Larrick said today it probably would be the end of the year before the government issues its final order requiring stricter labeling of prescription drugs.

Larrick told United Press International that the drug industry "generally supports" the FDA's desire to issue stricter regulations covering the labeling of drugs.

But he said the industry is in disagreement about how the public and the medical profession can be better ad-

vised on the nature of drugs on the market.

The FDA, on July 22, issued a series of proposed changes in its drug-labeling requirements.

Complete Information

Under the proposed regulations, virtually all prescription drug packages and printed matter distributed to doctors to promote the sale of a drug would be required to carry complete information on its professional use, in- fects or necessary precautions.

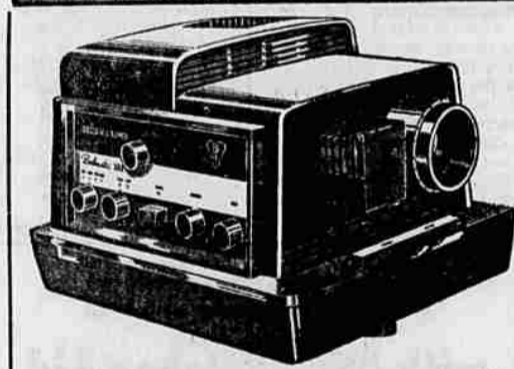
Larrick said in an inter-

cluding any hazards, side effect view that the American Pharmaceutical Organization and many drug firms have come up with alternative proposals, largely of a technical nature which would have to be carefully studied before the FDA can spell out a final set of rules.

The FDA said, in issuing its proposal for new rules, that the large number of new medications "have made it increasingly difficult for doctors and pharmacists to keep adequately informed about them."

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