#### THE CHOWAN HERALD, EDENTON, N. C., THURSDAY, JULY 9, 1953.

Little Change Seen

In N. C. Feed Prices

Prices paid by North Carolina farm-ers for most feed items were unchang-

ed to slightly lower during the month

ended June 15, according to the Federal-State Crop Reporting Service.

Farmers were paying an average of

\$4.10 per hundred for all mixed dairy

feeds, the same as a month ago.

Prices paid for the 16 per cent pro-

tein mixture were up a nickel, but

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That which we are, we are all the while teaching, not voluntarily, but involuntarily. -Emerson.

## **Upper** Atmosphere **Invaded By Army's Research Rockets**

### Valuable Information Is **Gained From Recent** Program

The Army has test-fired 70 V-2 rockets at the White Sands, N. M., proving grounds during the past six years.

The first test firing at White Sands was a check run of a V-2 rocket motor. It was mounted onea static test stand set into the side of a mountain, with a concrete flame pit below to receive the jet blast of the 56,000pound thrust motor. Thirty days later the first\_V-2 to take to the air in America roared into the atmosphere.

From early in 1946 until July 1 1951, the actual work of building and launching V-2 rockets was accomplished at White Sands Proving Ground by close co-ordination between Army Ordnance missile technicians, officers and men of the First Guided Missile Battalion stationed at Fort Bliss, Texas, and the General Electric Company.

In July, 1951, GE transferred all V-2 material to the Army Ordnance Corps which then assumed responsibility for completing the V-2 program. In the next year, the Army V-2 project successfully conducted nine static firings of V-2 propulsion units and fired five missiles for high altitude research, one of which rose to a height of 132 miles. That was in

August, 1951. The program which ended in Octo ber, 1952, provided valuable informa

tion on: 1. How to fire a two-stage rocket.

2. Aerodynamic data. 3. Atmospheric properities and tem

perature effects. 4. Atmospheric composition at high

altitudes.

5. Atmospheric ionization and the propagation of radio waves.

6. Radiation phenomena including cosmic ray and X-ray measurements.

7. Earth's magnetic field. 8. Parachute design.

9. Atmospheric meteor content and bombardment by meteoric dust.

10. Photography.

11. Television transmission.

12. Speed of sound and shock wave measurements.

13. Spectroscopical analysis.

14. Rocket turbine design.

ing program was primarily upper at- should be located within 300 feet of mosphere research, the firing also self-feeding equipment. If they are served many other useful purposes. separated by greater distances, less Valuable experience was gained in feed and water are consumed and lowassembly, pre-flight test, launching er gains result. and handling, and firing of large liquid-fueled missiles. American-manu- to hogs is through automatic drinkers factured steering control systems and attached to a constant supply of waother guided missile components were ter piped to the field. But since many tested. The behavior of the missile pastures are too far removed from in flight-its yaw, roll and pitch- the farmstead to make this practical, provided significant data for subse- a majority of producers have to haul quent missile firings. The firings al- water to their herds. In this case so were used to test ground control the use of wagon tanks that carry guidance of the rockets by radar and enough for several capacity fountains

**MISS ELIZABETH WOOD** Above is pictured Miss Elizabeth Wood, daughter of Mrs. Fred P. Wood, as she posed for the photographer aboard the Holland-America line Veendam just before sailing on June 19 from New York harbor on a summer vacation tour of Europe. Miss Wood is a student at the University of North Carolina and is accompanied on the tour by three of her classmates.—(Photo courtesy of Holland-America Lines). Ample Water For Hogs equipment and self-feeders will help overcome labor shortages and harvest

**Edenton College Student Sails Abroad** 

full color. Means Added Revenue time rush in the care of hogs. North Carolina pork producers are trying to This is the season of the year when keep costs low this year. Numbers

North Carolina hog producers get the of hogs going to market this fall and greatest values from good watering winter will likely be plentiful enough systems for their herds. Hogs use to lower prices from present levels. a great deal more water in hot weath- Lost cost hogs are always the most er than in cold and the job of pro- profitable.

viding at least two gallons per day per hog can be a laborious one where TRY A HERALD CLASSIFIED AD modern equipment is lacking.

Hogs cannot make efficient gains traveling long distances to get water. Recent observations by livestock While the purpose of the V-2 fir- specialists indicate that waterers

The best method of supplying water to test radars on detection and track- or large stock tanks with drinker at-



Now Love I seek to bid return this advance was offset by slight de-clines in prices of 20 and 29 per cent And knock again upon my door-Alas! I fear me Love has fled, protein mixtures. In vain I've sought the wide world Soybean and cottonseed meal were o'er. both down 5 cents, averaging \$4.70 and \$4.00 per hundred, respectively, on Beauties in vain their pretty eyes June 15. On the other hand, farmmay roll; ers were paying \$4.95 per hundred for Charm strikes the sight, but merit meat scraps, a nickel increase over the wins the soul. -Pope. May 15 average. All feeds in the grain-by-products group registered price declines during "The King of Swine" the period. Farmers were paying an average of \$3.95 per hundred for bran, BIG TYPE OIC compared with \$4.00 a month earlier. Service Boars, Bred Gilts and Pigs Middlings and corn meal were off 10 cents, averaging \$4.05 and \$4.80 per S. R. MINTON hunddred, respectively at mid-June MERRY HILL, N. C. Poultry feed prices were unchanged with farmers paying an average of 80 \$5.30 per hundred for laying mash, \$4.65 per hundred for scratch grains SEE US FOR YOUR and \$5.40 per hundred for broiler growing mash. NEEDS BRIGHT SUMMER READING QUARI FOR ENTIRE FAMILY We Carry a Full Line of If you're looking for enjoyable Sum-**GLIDDEN PAINTS** mer reading you'll find plenty of en-tertainment in The American Weekly, AND VARNISHES Pictorial Review, Comic Weekly and Comic Book, bright sections printed in **85 Proof** Harrell & Leary Regular Features With The BALTIMORE COODERHAM & WORTS LTD. Phone 459 PIORIA, ILLINOIS SUNDAY AMERICAN Order from Your Local Newsdealer "SPEEDY ALBEMARLE Motor NOTOR CO. VE MIGHT HAVE BEEN THER ARLE MOTO WEST HICKS ST. Sales Ford Dervice PHONE 289

This Week's Poen

By WILBORNE HARRELL

LOVE'S LABOR LOST

Love knocked upon my lone heart's

Poor fool, I bade sweet Love begone,

Knowing not who sought within.

door

And bade me let him in.



ing of supersonic missiles in flight.

To protect the complicated research equipment from landing shock, instru- A good management practice is to ments and containers were packed haul the water in connection with othcarefully and braced to prevent or er farming operations in the same minimize damage on impact. Some area. rockets were constructed so that the nose or the tail section, or both, could be blown off on the downward leg of the flight by explosive charges. Then, after severance, the rocket descended in a flat spin instead of nose first. This served to lessen the force of impact.

Upper atmosphere research with rockets in the United States dates from the close of World War II. In October, 1945, the Wac Corporal-one of the first "All-American" missileswas launched successfully as a part of the Army's missile research program.

Let the mind's sweetness have its operation upon thy body, thy clothes, and thy habitation. -Herbert



tachments is desirable. Big tanks necessitate fewer trips back and forth.

Use of labor saving chore time equipment such as good watering



POUNDING over the humming rails at sixty miles an hour, the "flier" tears thru the night. No doubts as to a clear road assail the engineer. for the Block Signals can be depended on.

No doubt need assail you when you call on us to conduct the ceremony. The essence of care and dependability dom-inate our service, regardless of how elaborate or modest the appointments.

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AN PA New 14-cu-ft G-E upright holds 490 lbs.

Takes less than '3-x3-ft floor area. Completely refrigerated to assure constant zero degree temperatures month after month. Two sliding, adjustable aluminum shelves. Big sliding baskets. Space Maker Door Shelves and frozen juice can dispenser. Smartly styled "Decorator Design." Model UA-14K.





New 7-cu-ft G-E holds 245 lbs. So small—ideal for smaller kitchens yet holds so much! Remov-able baskets. Interior foodlight. Positive-action locking latch. Laminar Fiberglas insulation. Temperature-indicating light. Baked enamel finish. Low operating cost! Model HA-7K.

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New 11-cu-ft G-E holds 389 lbs. less to operate than previous economical G-E models, highly efficient aminar Fiberglas insulation. Positive-locking latch, interior floodlight. Quiet, too, because G-E natural draft condenser instead of a tan. Model HA-11K. ises a natural draft cond

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