

# Sky Signs Worthless For Farms

CHAPEL HILL, N. C.—The heavens provide no crystal balls for farmers.

Despite this fact, throughout the world men who plow the earth—like men who plow the seas—have sought to chart their courses by signs in the sky.

Farmers down the centuries have gazed at the heavens and wondered. These mortals in the time have come to bestow upon the stars, the moon and the sun great powers over the planting and harvesting of crops.

**False**  
Ignorant of the nature of things, they have cloaked these heavenly bodies with mysterious and awesome qualities which in truth do not exist.

The folly of this practice is shown up clearly by scientific fact. One of the nation's best authorities on this clouded issue is Dr. Roy K. Marshall, director of the significant new \$3,000,000 Planetarium here at the University of North Carolina. An outstanding sky specialist, Dr. Marshall has been described as the best planetarium man in America and is producer of a weekly television show considered tops in its field.

**Started Honestly**  
"Although the heavens provide no crystal balls for farmers," declared the genial sky gazer, "the whole business did begin in legitimate fashion."

Dr. Marshall explained that several thousand years ago there were no calendars, and even a few hundred years ago they largely were useless because most people couldn't read.

"Primitive peoples seeking a measure for passing time latched on to the moon," he said. "They had soon discovered that this sky lantern went through about 12 complete phases between planting seasons."

**Moon Calendar**  
The moon therefore became the calendar for the ancients—not because it influenced crops but because it marked the planting season.

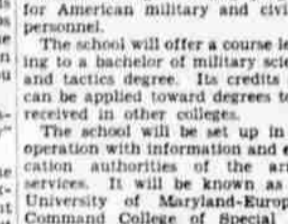
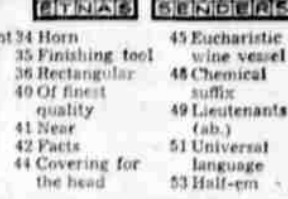
Ignorant of this innocent origin, however, farmers in succeeding centuries endowed the moon with powers unfounded by fact. Many for example, allege that the moon has great magnetic qualities. For this reason, they plant leaf crops such as cabbage in the light of

## Herbaceous Plant

- HORIZONTAL
- 1 Depicted vegetable
- 7 Its blanched leaf—ere eaten in many ways
- 13 Interstice
- 14 Concurs
- 15 Promontory
- 16 Male
- 18 Horse's neck hairs
- 19 Yes (Sp.)
- 21 Paid notice in newspaper
- 22 Sooth
- 24 Low haunts
- 27 Smooth and unsparged
- 28 Range
- 29 Dance step
- 30 Sus loco (ab.)
- 31 That thing
- 32 Malayan coin
- 33 Closed bearing
- 37 Sea eagle
- 38 Brought up
- 39 Symbol for tantalum
- 40 Wicked
- 43 Chinese measure
- 44 Serene
- 46 Greek letter
- 47 Ellipsoidal
- 49 Princes
- 52 Occupant
- 54 Talking bird
- 55 Fishes

- 4 Dyestuff
- 5 Right line (ab.)
- 6 Sweet potatoes
- 8 Type genus (ab.)
- 9 Spanish fleet
- 10 Conductor
- 11 Cognizance
- 12 Compass point
- 17 Exclamation
- 20 Lofly
- 23 Tiddler
- 25 Tiddler
- 28 Seasoned newspaper
- 32 Act of reaching a destination
- 34 Horn
- 35 Finishing tool
- 36 Rectangular
- 41 Year quality
- 42 Facts
- 44 Covering for the head
- 45 Eucharistic wine vessel
- 46 Chemical suffix
- 49 Lieutenants (ab.)
- 51 Universal language
- 53 Half-em

## Answer to Previous Puzzle



# 'Green Pieces of Paper' Popular Commodity Today

WASHINGTON (AP)—Those rectangular green pieces of paper you carry in your pocketbook are just about as popular as any commodity in the world today. When proud old nations knuckled under and devalued their currencies to make them worth less in terms of the American dollar, the young American greenback really came into its own.

Once upon a time it "wasn't worth a Continental." That was when the Continental congress turned a \$1 210,000,000 on printing presses during the American Revolution. In terms of gold and other nations' money, the Continental dollars were worth only a fraction of their face value.

The dollar got on its feet when congress, after the constitution had been adopted, established the present monetary system in 1792. Congress began coming dollars at the Philadelphia mint in 1791.

**Metal**  
They were all metal coins—gold eagles (worth \$10) and fractions of eagles, silver dollars and fractions of dollars and copper cents and half cents.

The federal government didn't turn out any paper money until the Civil War, when "greenbacks" were first issued. Banks operating under federal or state charters issued notes as currency—and much of the paper eventually became badly depreciated in value.

There was a great hullabaloo when the government made greenbacks legal tender, requiring that they be accepted in payment of debts. People are inclined to be distrustful of paper money, and even today folks don't like to handle it in some towns in our western states.

**Stout**  
But the dollar managed to hold its own in relation to gold and the mighty British pound. Through most of our history the pound has been worth about \$4.86. After the first world war it began to slip.

In 1920 the pound was worth only \$3.66. It was back to its normal \$4.86 by 1930. But in 1932 it dropped to its lowest point up to that time, to \$3.50 in U. S. money.

Then it fluctuated wildly. In 1934 it reached the highest value of which the federal reserve system has a record, \$5.03. In 1941 it sold for \$4.03, and that was its official rate until the recent devaluation sent it down to \$2.80.

proposed that the city cancel the franchise of the Portland Traction company, then operate the streetcar and bus system as a public utility.

perimposed on the "S" which seems to be how we got the dollar sign. Today there are about \$3 billion dollars in the world. About 28 billion of them are in circulation. Most of the rest are held in the U. S. treasury. There they are in the custody of Mrs. Georgia Neese Clark, treasurer of the United States, whose signature also appears on all paper money now being produced.

**Mrs. Ross**  
Another woman, Mrs. Nellie Taylor Ross, for 16 years has been in charge of the manufacture of all U. S. coins. As director of the mint,

**Word 'Dollar'**  
The word dollar was in general use before our government adopted it. One or another form of the word designated many kinds of European currency. It came from the Greek word *tallos*. In Dutch it was the *daalder*. In German it was the *taler*. Spanish "pieces of eight" were called dollars.

The dollar sign also was in use before the Revolution. It is believed to have designated the Mexican peso. It was first written "Ps." Later manuscripts show the "P" su-

she has in that time turned out about \$1,028,000,000 worth of metal money.

There's another interesting fact about women and American money. The Institute of Life Insurance has estimated that 70 per cent of the nation's private wealth is controlled by women.

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the moon so that the moon will pull up the leaves. Conversely, root crops are planted during the dark of the moon so the roots won't be pulled up.

"In truth," Dr. Marshall said, "a farmer walking through his fields has more pulling effect on his crops than does the moon. Besides, the moon is up there in the sky even during the dark of the moon. You just can't see it, that's all."

The director derided the hocus-pocus about "wet" and "dry" moons.

The moon always follows the same path every year, he explained. In September, the crescent lies on end, supposedly pouring out the water. Actually, September—after August—is the rainiest month of the year. Nevertheless, everyone knows about April showers and yet in that month the crescent lies down, supposedly holding in the water.

## GIs In Germany To Have College

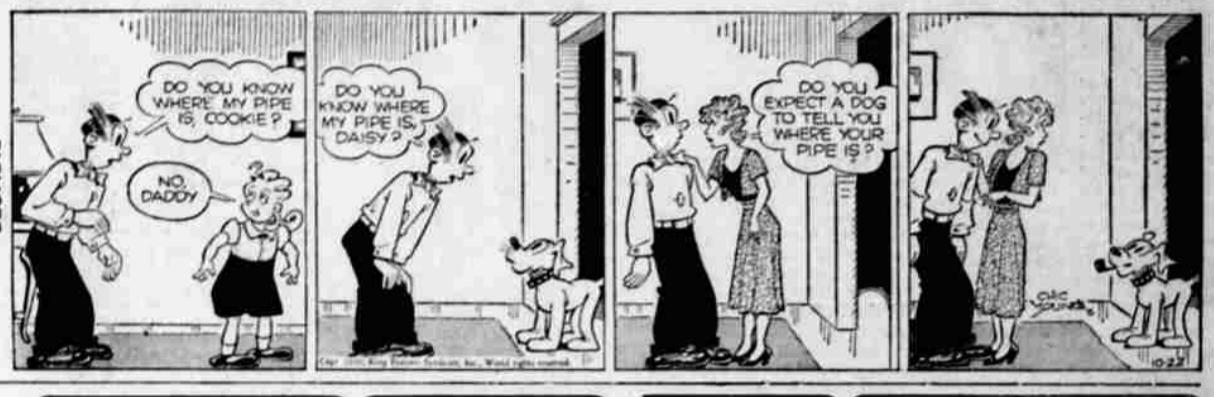
WASHINGTON (AP)—Seven University of Maryland professors have left for Germany to set up the first full-time college training program for American military and civilian personnel.

The school will offer a course leading to a bachelor of military science and tactics degree. Its credits also can be applied toward degrees to be received in other colleges.

The school will be set up in co-operation with information and education authorities of the armed services. It will be known as the University of Maryland-European Command College of Special and Continuation Studies.

**PORTLAND TRAMS**  
PORTLAND, Oct. 21 (AP)—A suggestion that the city get into the from the Multnomah county democratic central committee. The group

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