

Partial Eclipse

A partial solar eclipse will be visible in Piedmont, North Carolina at 4:35 p.m. EDT, Wednesday, Oct. 12.

"People in this area should be able to get a look at a partial eclipse if they've got the equipment," said Dr. Stephen Danford, assistant professor of physics at UNC-G. "We'll be in the penumbra, the outer shadow area where the sun is partially obscured. If it's a nice, clear day, the sky will begin to look a little hazy and

the sun will darken a little bit, but not drastically.

"There'll be a few other partial eclipses in

this century that will be visible here," Danford added, "but eclipses will be pretty scarce until the 21st century.

Test for Carcinogens Developed at UNC

A quick, reliable method of testing for carcinogens in water is being studied by a zoologist at UNC-Chapel Hill.

Dr. Douglas Humm is working with a special strain of platyfish that quickly develops a visible malignant tumor when exposed to any cancer-causing agent. When these fish come in contact with a carcinogen, the dark spot on their dorsal

(back) fin grows and becomes cancerous.

The advantage of the platyfish method, Humm said, is that results can be obtained in about three weeks. Many experiments to test for carcinogens are done on mice or other lab animals and results may take twice as long.

Humm's method of testing doesn't tell what the carcinogen is, he added, nor does it reveal if the carcinogen is something in the fish's food or if it is something in the water. "The test merely points to the presence of a carcinogen," he added.

When the technique is perfected, Humm hopes to be able to have an answer within 24 hours about the carcinogenicity of the tested material.

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But does it have side effects of its own?

Are you ready for a "synthetic cooking fat"?

Two researchers working at Proctor and Gamble's Miami Valley Laboratories in Ohio said they have developed a synthetic cooking substance they call "sucrose polyester" that has the cooking properties of vegetable oil.

Doctors Fred Mattson and Charles Clueck said the synthetic fat is being perfected to replace natural oils which have high serum cholesterol levels. Medical World News reported that 13 volunteers who ate foods prepared with synthetic fats showed a 14 per cent drop in their cholesterol level after 10 days on the diet. (ZNS)

In the Wings

CONTINUED FROM PAGE 1

ing half-way irresponsible or they had a secret unannounced meeting beforehand to decide what to do about I-40." Hugh Wilson was referring to the five or ten minutes the board spent last month in considering a route for I-40 from Hillsborough to the Triangle Park. They selected a route through Orange County that is strongly opposed by Orange County residents. Wilson said he'd seen a letter from a transportation board member referring to a Sept. 8 meeting (the DOT board meeting was Sept. 9). "The letter could have been wrong or there was a sneaky pete meeting in High Point," Wilson added.

A CURIOUS kind of housecleaning reportedly is underway at the Western Alcoholism Rehabilitation Center in Black Mountain, N.C. First Governor Hunt fired the center's director, Herbert F. Moore, a holdover from the Holshouser Administration, and replaced him with a supporter from the governor's "hiring list." Now the center's new director is requiring all the psychiatrists, psychologists, and social workers to shave off their beards and moustaches.

A "SCANDAL of major importance" could erupt from an FBI investigation into organized crime's penetration of high levels of the U.S. government, said U.S. News and World Report. According to the magazine, under particular FBI scrutiny for possible mafia influence are the Interstate Commerce Commission, the Department of Housing and Urban Development and even Congress itself. U.S. News quoted insiders as saying the probe involves bribery, prostitution and gambling.

HOSTESS CAKES were selected by the ITT Boycott Committee of the Congregation for Reconciliation in Dayton, Ohio, to "protest ITT's deep involvement in enabling South Africa to keep the world's cruel apartheid regime in power. ITT's \$70 million investment in South Africa makes it the most important American corporation in that white-run country."

ONLY SIX Durham candidates have filed statements of interest in two Durham superior court judgeships. Those submitting statements include District Attorney Tony Brannon, B. Frank Bullock, a black attorney; William McPherson, law partner of former Rep. Nick Galifianakis; Malvern King, former law partner of Ralph N. Strayhorn, the only Durham member of the judicial nominating commission; and attorney John C. Randall, formerly with the Galifianakis firm. Due to the few applicants for the judicial posts in Durham and elsewhere across the state the Sept. 26 deadline for applications was extended into October. In Orange County where one judge will be named candidates filing statements included attorneys Barry Winston and Gordon Battle of Chapel Hill and Lucius Cheshire of Hillsborough. State Sen. Charles Vickery said Monday he hadn't submitted an application but "might do so."

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