# Scientists focus telescopes on rare Plutonian eclipses

of Texas astronomers are preparing for a rare series of eclipses between Pluto and its moon that could shed light on the could shed light on the could shed light on the could she could s the far-flung planet's composi-

Scientists at UT's McDonald
Observatory on Mount Locke in
west Texas are not sure exactly

Mulholland said UT astronomers are measuring the
brightness of Pluto and making they are expected to occur be-

fore 1985.

Once they begin, the eclipses will continue every 3.2 days for the next several years. Pluto is ideas of Pluto's brightness, this

research scientist, said because said. Pluto's orbit around the sun

\$ 1 99

Six Pack

Light

Pabst Blue Ribbon

Schaefer & Schaefer

EATING OUT IS FUN

ice house

Coors

**Natural Light** 

ower

Dining Room

Serving Luncheon Buffet

Sunday through Friday

11 a.m. to 1:30 p.m.

Delicious Food

Beautiful View

Open to the Public

"Quality First"

of a market market

846-6635

world have since used it to learn more about Pluto.

when the eclipses will begin, but calculations that will help observers recognize the eclipses when

only visible from the Earth six months out of the year. will provide a good description of the size and shapes of both months out of the year.

Dr. J. Derral Mulholland, a bodies and the ice markings," he

Another McDonald scientist, takes 248 years, astronomers Dr. Laurence Trafton, said the must look now or wait another eclipses should give researchers

United Press International 124 years for the next series of a better idea of the atmosphere eclipses.

of Texas astronomers are preparing for a rare series of Pluto's moon, Charon, was billion miles for the next series of a better idea of the atmosphere eclipses.

Pluto's moon, Charon, was billion miles for the next series of a better idea of the atmosphere and surface of Pluto, which is 2.8 and surface of Pluto, which is 2.8 billion miles from Earth and was discovered in 1930.

Scientists at the University of Arizona determined in 1970 that frozen methane gas is a component of Pluto's atmosphere. Trafton said other possi-ble elements of the atmosphere are argon, neon, nitrogen, carbon monoxide and oxygen.

"Organic atmospheres such as Pluto's are very interesting because they are the best candidates for finding life," he said. "At one time, the atmosphere of the earth may have had carbon materials and methane. However, Pluto is not very warm (minus 215 degrees Centigrade), so that's a big strike

Even with the 82-inch tele- years.

tory, Trafton said astronomers find it difficult to distinguish between Pluto and a star because of its great distonce from Earth.

The mysterious Pluto is thought to be about 2,400 miles in diameter, compared to Earth's diameter of about 8,000

Earlier theories hold that Pluto is dark and rocky, more Earth-like than its gas ball neigh-bors Jupiter, Saturn, Uranus and Neptune.

Trafton said although Pluto is usually the farthest-out planet in the solar system, its oval orbit in 1979 brought it inside Neptune's orbit for the first time in more than 200 years, and it will remain there for the next 20

#### Students get diplomas after throwing hats

VEGA — Graduating seniors who were denied their diplomas because it would be a violation of the Texas Open Records Law, according to the because they threw their hats in the air at the end of commence
Texas Education Agency.

Officials of the TEA and the ment will receive their sheeps-

High School, cannot be denied

Vega Independent School Dis-The 22 students, the majority of the graduating class of Vega and students of the ruling.



\$500

FREE SAMPLES. 411UNIVERSITY . 696 - 5308

Fiddlin Farron & Joe Freeman performing Saturday, June 18 2:00 p.m.

GRAND OPENING

STUDIO de CAPPELLI

**Celebration Specials Include:** 

**PERMS** 

Good Sat. June 18, '83 Only, Appointments Encouraged

**Door Prizes** S. TEXAS

**^^^^^^** 

# you can make.

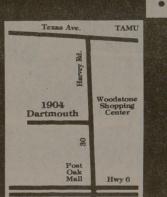
(next to going to A&M, of course)

**OPEN HOUSE** 

3 PM 'til Dark Weekdays 10 AM 'til Dark Sat. and Sun.

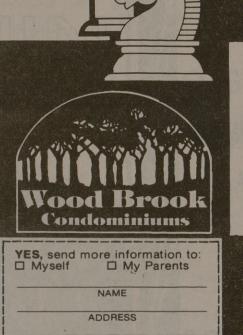
Wood Brook Condominiums are located in an area known for its investment potential, just off Harvey Road across from the Woodstone Shopping Center.

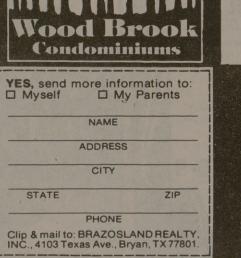
- fireplaces with raised hearths
- or brick mantles
  cathedral ceiling in master bedrooms
- two ceiling fans
- built-in kitchen appliances
- hot tub and swimming pool
- private patios

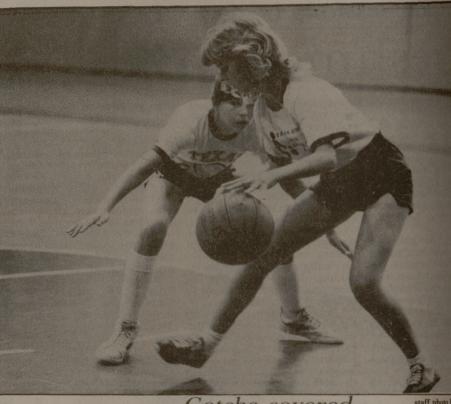


brazosland realty services, inc 846-5735

Another development by Sypcon Corp.







Gotcha covered

Frances Wardlaw, 12, keeps a close watch on Krystal Green during dribbling drills in G. Rollie White. Both are on campus attending the

Texas A&M Girls Basketball & lasts through Wardlaw is from Del Rio Green is from Cleveland.

## Smoke detectors would have saved fire victims

United Press International FORT WORTH — The second deadliest fire in recent city history, killed for the city's fire ordinance oilwell service for the city's fi city history killed five people who probably would have lived if their motel rooms had been equipped with smoke detectors, fire officials say.

Management of the five-story, 303-unit Ramada Inn east of downtown Fort Worth was fined the maximum \$200 for a fire code violation Tuesday for leaving several rolls of discarded carpet in the hallway of a recently remodeled wing.

The fast-moving blaze started in the carpeting after 3 a.m. Tuesday, destroying 87 units, injuring 34 people and sending some 150 guests fleeing into a driving thunderstorm.

No cause for the fire had al, Kan. been determined pending test results expected on Thursday from a Bureau of Alcohol, Tobacco and Firearms labora-tory in San Francisco. The fire department said all five people rooms, indicating they tried to flee before being overcome by smoke.

Damage was conservatively estimated at \$1 million in Tuesday's fire, which a great and who died were found at the foot

'We feel had there been

having smoke alarms or sprink-

Deputy Fire Chief Don Peacock called Tuesday's blaze the second worst in recent city down, just a little bit at of fonday. A history, surpassed only by an arson fire at a nightclub that kil- and within 10 seconds up ith your led eight people.

Tarrant County medical examiner's investigator James Kirkpatrick identified the dead as Elisa Speaks, 28, of San Antonio; John Nick Moreno, 54, of Wichita, Kan.; Wesley Loomis, they broke out windows 46, of Enid, Okla.; Ernest Scott rooms. He said flamma Van Cleave, 26, of Skokie, Ill., and Randy Young, 26, of Liberard er and synthetic fiber and synthetic fib

Nine people were admitted to three Fort Worth hospitals in good condition with smoke insmoke coming through the company through the co good condition with smoke in-halation, lacerations, and doors so thick you of broken bones. Twenty-five peo-breathe, said Shelley Will ple were treated at four hospit- a guest from Waco. als and released.

day's fire, which a guest and a guard almost managed to extinguish.

smoke detection equipment "Someone woke us up blow-there would not have been the ing on a car horn outside," said a ladder."

any Roll Processed and Printed

umick as a flash

Good with Coupon Only (thru June 30)

1-HR. PROCESSING

**Family Owned and Operated** 

**Checks Accepted** 

Visa Master Card

POST OAK MALL 764-0601

ry McMillan.

The city's fire ordinance oilwell service firm. Cramate the package, passed in 1979, exempted older buildings from halation, said he joined 26. security guard in tryin

ige wil

gs are

Friday

MS

d Ma

n polic

directe

sh 'em 1

range

Rated

out the first flames. "We almost put it "Harold said. "The flame was all Harold back up again. At that polarian, pla stead of fighting the folon. Made

started getting people unixed with Peacock said the firestory. A m rapidly because escaping Marath also contributed to the layed by

dvertar h some Lawre e of th ase story

ville, Fla., escaped with shoes and slacks. "I wish I had though

over and grab my was aid. "I was about to ju

### Youths drown Brazos

United Press Internat ANGLETON — A have found the bodie Sweeny teenagers who while fishing in the surf Gulf of Mexico near the River mouth.

Brazoria County sher outies recovered the Henry Edward Hanco Tuesday. They earlier the body of Hancock's ion, Frank Gordon Orto

Officials said the two fishing in the Gulf no mouth of the Brazos They stood about 50 offshore when an under led them into deeper w

**Boss & Ibanez Effects** are on sale at 30% off

list price while supplies last

stocked off list price Guitars made 35%

Epiphone Acoustic

**Best Prices** 

9. F

10.

11.

In Bryan/College Station

Visa - Mastercharge - Amex — Diners Club — CarteBlanc