

Plans being made for large telescope

NASA has decided to proceed with detailed planning of a large multi-purpose optical telescope to be launched and serviced by the Space Shuttle in the 1980s.

The Large Space Telescope (LST) will be able to look at galaxies 100 times fainter than those seen by the most powerful ground-based optical telescope. Within the solar system, it will be able to provide long-term monitoring of atmospheric phenomena on Venus, Mars, Jupiter and Saturn.

Scientists expect the LST to contribute significantly to the study of energy processes that occur in galactic nuclei; the study of early stages of stellar and solar system formation; observation of such highly evolved objects as supernova remnants and white dwarfs; and other studies relevant to the origin of the universe.

The LST will weigh between 9,000 and 11,000 kilograms (20,000 and 25,000 pounds) and have a length of 12 to 16 meters (40 to 52 feet) and a diameter of 3.6 to 4 meters (12 to 13 feet). Its most important optical element

will be a diffraction-limited mirror approximately three meters (ten feet) in diameter.

The guidance systems will be capable of holding onto a target for extended periods within 0.005 seconds of arc. (This is the angle made by a dime viewed at a distance from Washington to Boston.)

Solar panels will provide electrical power to the LST, and its images will be transmitted to Earth by television.

The spacecraft will orbit Earth at an altitude of 648 to 778 kilometers (350 to 420 nautical miles) at an inclination of 28.5 degrees.

The manned Space Shuttle, which NASA is developing for operations beginning in the late 1970s, will be used to launch, test and retrieve the LST from orbit as required for repair, refurbishment, and updating of its instruments.

FOR BEST RESULTS TRY BATTALION CLASSIFIED

Grove dance is scheduled for Fourth of July night

The MSC Summer Directorate will hold its first dance on July 4 at the Grove, announced Sam Walser, president.

Performing will be Heatherblack, a leading rock group from Houston. Heatherblack, composed of five highly talented musicians, plays Rock & Roll, Blues,

and "Just plain old music you can dance to."

The dance will be held at the Grove from 8:30 p.m. until 12:30 a.m. on Tuesday night. Admission will be free to all A&M students (with ID cards) and their dates, and non-students will pay 75¢ each.



OPERATION ALLIGATOR is the name of this tooth extraction. The 140-pound alligator of the Vancouver Aquarium was off his food, and the removal of some bad teeth and a coin from the throat solved the dilemma. Performing the operation is Dr. Peter Dow, left, assisted by curator Gil Hewlett, Dr. Al McNeil and Bob Cant. (AP Wire-photo)

Rouse named representative to academy

Dr. John W. Rouse Jr. of A&M has been appointed by the National Academy of Sciences-National Research Council as a delegate to an international meeting in Warsaw, Poland.

He will be a member of the U. S. delegation to the General Assembly, International Union of Radio Science Aug. 21-29. Dr. Rouse, director of A&M's Remote Sensing Center, has been

invited to present the introductory speech to the session on remote sensing of the earth. He also will assist in preparation of the technical proceedings documents.

BATTALION CLASSIFIED

WANT AD RATES
One day . . . \$4 per word
42 per word each additional day
Minimum charge—75¢
Classified Display
\$1.00 per column inch
each insertion
DEADLINE
4 p.m. day before publication

HELP WANTED
Full or part-time. Unusual opportunity for man, woman, or couple. Several areas open. For person interested in a good income and retirement possibilities. For interview call 846-1322 or 846-9498. 12911

Need someone to live on dairy farm. Must be able to work mornings from 4:30 a. m. until 10 a. m. and all week-ends. Good working conditions. Must have 2 references when applying. Experience necessary. Call 822-6171 after 5 on work days. 12943

R.N. needed full-time as charge nurse on 11-7 shift.

R.N. needed as relief charge nurse on 8-11 shift and/or 11-7 shift.

Top pay, good working conditions. Shift differential, plus mileage. Also needed, L.V.N. medication nurse for 11-7 shift full-time.

Call or come to Grimes Memorial Hospital, 210 S. Judson, Navasota, Texas 77858. (713) 823-8585

Ask for Mrs. Winkelmann, Director of Nurses, or Mr. Fralay, Administrator. 12942

I NEED young men who are interested in rapid advancement. NATIONAL SELF SERVICE-GASOLINE COMPANY has openings for managers. Salary \$850 to \$1250 to start. Send resume to AUTO TRONIC SYSTEMS INCORPORATED, 1 Greenway Plaza E, Suite 306, Houston, Texas 77046. Attention Davis Danner, AN EQUAL OPPORTUNITY EMPLOYER. 12947

Experienced beauty operator needed. 822-4497 or 822-6183. 10876

SPECIAL NOTICE
Attention July and August graduates! You may order graduation announcements beginning June 24 - July 7, Monday - Friday, 9-12 and 1-4, Cambler's Window, MSC. 12942

Service For All Chrysler Corp. Cars Body Work - Painting Free Estimates
HALSELL MOTOR COMPANY, INC. Dodge Sales and Service Since 1923 1411 Texas Ave. - 822-8111 8716

WANTED
Student couple interested in sharing reasonable expenses of a 2-family house with a 2-child graduate family. Must enjoy children, health food cooking, and human development. 822-9370. 12941

EVERYDAY
Havoline, Amalie, Conoco, Phillips 66, Gulfube — 35¢ qt.

SPARK PLUGS
A.C., Champion, Autolite 69¢ Each
Alternators 18.95 exchange
Starters - Generators from 13.95 exchange
Most any part for most American and some Foreign cars at dealer price
Your Lawnboy and Friedrich Dealer
Prestone Anti-Freeze and summer coolant \$1.69
Joe Faulk Auto Parts 220 E. 25 822-1669
Giving Better Service For 26 Years in Bryan

Rentals-Sales-Service TYPEWRITERS
Terms
Distributors For:
Royal and Victor Calculators & Adding Machines
Smith-Corona Portables

CATES TYPEWRITER CO.
909 S. Main 822-6909

CHILD CARE
HUMPHRY DUMPEY CHILDREN CENTER, 3406 South College Ave. Bryan, State Licensed. 823-8226. Virginia D. Jones, R.N. 8916

A&M United Methodist Church Day School now registering 3 and 4 year olds for summer and fall terms. 846-9713 or inquire at church office. 12713

FOR SALE
10 x 47 mobile home. Air Conditioned. Washer, dryer. Partially furnished. 823-2165 or 822-2325. 82,500. 12942

GARAGE SALE:
Clothes, furniture, and appliances. June 30 through July 2, 906-A Cross Street, College Station. 12941

1970 14' Super Sidewinder Ski Boat, 120 h.p. Chrysler, custom trailer, used less than 50 hrs. Call 822-2350 after 5:00. 12944

Gentle Shetland Pony for sale. Very good bridle, saddle and blanket included \$59. Call 823-2144. 12942

Good small Brangus bull for sale. Guaranteed. Call 822-3980 after 5. 12944

Have several 2 and 3 bedroom new mobile homes. 2 in at 822 down approved credit. See us at HI NEIGHBOR MOBILE HOMES, C.S. 12676

OFFICIAL NOTICE
Official notices must arrive in the Office of Student Publications before deadline of 1 p.m. of the day preceding publication.

THE GRADUATE COLLEGE
Final Examination for the Doctoral Degree
Name: Harris, James Lee
Degree: Ph.D. in Microbiology
Dissertation: MORPHOGENESIS AND ULTRASTRUCTURE OF THE SYNEMA OF CERATOCYSTIS ULMI (BUINA) C. MOREAU.
Time: June 29, 1972 at 1:30 p. m.
Place: Room 311 in the Biological Sciences Bldg.
George W. Kunes
Dean of the Graduate College

THE GRADUATE COLLEGE
Final Examination for the Doctoral Degree
Name: Pines, Robert R.
Degree: Ph.D. in Wildlife and Fisheries Sciences
Dissertation: BREEDING CYCLE OF THE RED-TAILED FLYCATCHER (PHEAETHON RUBRICAUDA) ON GREEN ISLAND, KURE ATOLL, HAWAIIAN ISLANDS.
Time: July 6, 1972 at 1:30 p. m.
Place: Room 405 in the Biological Sciences Bldg., West.
George W. Kunes
Dean of the Graduate College

THE GRADUATE COLLEGE
Final Examination for the Doctoral Degree
Name: Townsend III, John Summerfield
Degree: Ph.D. in Oceanography
Dissertation: TEACHING BIOLOGY LABORATORIES WITHOUT THE MICROSCOPE.
Time: July 5, 1972 at 4:30 p. m.
Place: Room 308 in Bolton Hall
George W. Kunes
Dean of the Graduate College

THE GRADUATE COLLEGE
Final Examination for the Doctoral Degree
Name: Ohlendorf, Norbert Kurt
Degree: Ph.D. in Educational Administration
Dissertation: THE EFFECTS OF AN INDEPENDENT STUDY SYSTEM ON STUDENT ACHIEVEMENT AND STUDENT ATTENDANCE.
Time: July 21, 1972 at 2:00 p. m.
Place: Room 203-AB in Bolton Hall
George W. Kunes
Dean of the Graduate College

THE GRADUATE COLLEGE
Final Examination for the Doctoral Degree
Name: Mathews, Thomas Delbert
Degree: Ph.D. in Oceanography
Dissertation: THE CONTEMPORARY GEOCHEMISTRY OF RADIOCARBON IN THE GULF OF MEXICO.
Time: July 27, 1972 at 2:00 p. m.
Place: Room 309 in East Bissell
George W. Kunes
Dean of the Graduate College

Preliminary exams for majors and minors in Discrepancy and Biophysics will be given July 19 and 20. Please come by Room 216, Herman Heep Building, and give your name, major and department. No later than July 7. Any questions call 846-1011. 12713

Rentals-Sales-Service TYPEWRITERS
Terms
Distributors For:
Royal and Victor Calculators & Adding Machines
Smith-Corona Portables

CATES TYPEWRITER CO.
909 S. Main 822-6909

WORK WANTED
Will do your typing in our office. 8226 or plus, electric. 3006 E. 29th, Bryan. 823-9223. 12614

Typing near campus. Electric. Experienced. Symbols. 846-8965 or 846-0971. 12476

Fast and expert typing, Julie, 846-0222 evenings. 121118

Fast expert electric typing, 50¢ page. 822-0230, after 5 p. m. 11076

Typing. Call 846-2451. Ask for Kathy. 6216

FOR RENT
2 furnished duplexes for rent. One bedroom. Couples only. No pets. Call after 5 p. m. 822-4201. 2106-A and 2108-A Maloney. 12911

Furnished 2 bedroom apartment. 602 Cherry. \$120. 101 Lother. 2 bedroom unfurnished. \$168. Furnished \$120. 846-8282 and 846-5444. 12941

APARTMENTS!
Two bedroom — \$129.50
One bedroom — \$104.00
Completely furnished, air conditioned, and convenient to campus.
Homer B. Adams Realty 822-3756 12944

RENT FREE for responsible Aggie couple 2nd summer session (July 15-Aug. 26) in return for caretaking of furnished vacation property at Lake Somerville. Pay utilities only (central air). No children. Call 718/535-7543 or 822-8866. 12882

Furnished 2 bedroom brick apartment. Central air and heat. Private patio. Two blocks from campus. Call 823-8181 8 a. m. to 4 p. m. 12476

HICKORY HILLS
Mobile Home Community
Bryan's Newest & Finest
Spacious & Mobile Homes for rent
Phone 822-6912-823-5701
2001 Beck Street
Also entrance on Hwy. 2818 at Industrial Park. 12216

AUSTIN
Law - grad. Students
Hampton Place Complex
1 B/R "119.50 - \$164.50"
2 B/R - 1 1/2 Bath "159.50 - \$179.50"
Studio Apartments. Shag carpet, dishwasher, disposal, patio, pool, laundry equipment. 846-975 sq. ft.
300 E. Croslin 78752-512/483-9566 or 512/535-5776.
"Aggie Owned & Operated" 115425

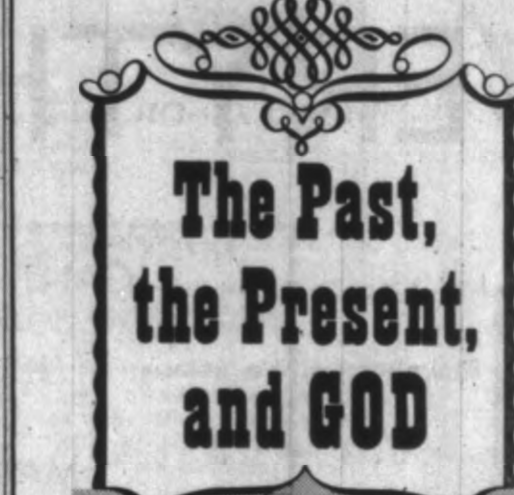
CASA DEL SOL APTS.
Now accepting applications
Spring - Summer - Fall '72
One and two bedroom furnished and unfurnished.
Pool-Air-Conditioned-Club Room.
401 Stasney
1-5 p. m.
OR
Phone 846-3455

ATTENTION MARRIED COUPLES:
One and two bedroom furnished apartments ready for occupancy. 1 1/2 miles south of Campus. Lake for fishing, Washateria on grounds. Country atmosphere. Call D. E. Cain Co., 823-0984, or after 5, 846-3428 or 822-6125. 12916

AUTO INSURANCE FOR AGGIES:
Call: George Webb
Farmers Insurance Group
3400 S. College 823-4461

SOSOLIK'S
TV & RADIO SERVICE
Zenith - Color & B&W - TV
All Makes B&W TV Repairs
713 S. MAIN 822-2133

The Church.. For a Fuller Life.. For You..



Copyright 1972 Keister Advertising Service, Inc., Strasburg, Virginia
Scriptures selected by the American Bible Society

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Psalm 1:1-6	Genesis 25:24-34	Genesis 37:1-11	Exodus 5:10-17	Judges 16:6-20	1 Samuel 18:5-12	Jonah 3:10-4:11

CALENDAR OF CHURCH SERVICES

CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
38th East and Coulter, Bryan
8:30 A.M.—Fireside meeting
10:00 A.M.—Sunday School
5:00 P.M.—Sacrament Meeting

FAITH CHURCH UNITED CHURCH OF CHRIST
9:15 A.M.—Sunday School
10:30 A.M.—Morning Worship
7:30 P.M.—Evening Service

FIRST CHRISTIAN CHURCH
Homestead & Ennis
9:45 A.M.—Sunday School
10:45 A.M.—Morning Worship
6:30 P.M.—Young People

UNITARIAN FELLOWSHIP
205 Old Highway 4, South
10:00 A.M.—Sunday Service
7:00 P.M.—Adult Service

AAM PRESBYTERIAN
7-8 A.M.—Sun. Breakfast - Stu. Cir.
9:45 A.M.—Church School
11:00 A.M.—Morning Worship
6:00 P.M.—Sun. Single Stu. Fellowship
7:15 P.M.—Wed. Student Fellowship
6:45 A.M.—Fri. Communion Service Wesley Foundation

UNIVERSITY LUTHERAN
Hubert Beck, Pastor
8:30 A.M.—Bible Class
10:45 A.M.—Divine Service
6:00 P.M.—Worship Celebration
7:30 P.M.—Wednesday, Discussion Group

AAM METHODIST
9:45 A.M.—Sunday School
10:45 A.M.—Morning Worship
5:30 P.M.—Campus & Career Class
5:30 & 6:00 P.M.—MYF Meetings

CHURCH OF THE NAZARENE
9:45 A.M.—Sunday School
10:45 A.M.—Morning Worship
6:30 P.M.—Young People's Service
7:00 P.M.—Prayer Service

CHRISTIAN SCIENCE SOCIETY
9:30 A.M.—Sunday School
11:00 A.M.—Sunday Service
11:00 A.M.-2 P.M.—Tues. Reading Rm.
7:00-8:00 P.M.—Wed. Reading Room
8:00 P.M.—Wed. Evening Worship

FIRST BAPTIST
9:30 A.M.—Sunday School
10:45 A.M.—Morning Worship
6:10 P.M.—Training Union
7:25 P.M.—Evening Worship
6:45 P.M.—Choir Practice & Teachers' meetings (Wednesday)
7:45 P.M.—Midweek Services (Wed.)

SECOND BAPTIST
710 Eisenhower
9:45 A.M.—Sunday School
11:00 A.M.—Church Service
7:30 P.M.—Church Union

OUR SAVIOUR'S LUTHERAN
8:30 & 10:45 A.M.—The Church at Worship
9:30 A.M.—Bible Classes For All
Holy Communion—1st Sun. Ea. Mo.

CENTRAL CHRISTIAN CHURCH
3206 Lakeview
9:45 A.M.—Bible School
10:45 A.M.—Morning Worship
6:00 P.M.—Youth Hour
7:00 P.M.—Evening Worship

ST. MARY'S CATHOLIC
Sunday Mass—9, 11 A.M. & 7 P.M. (Polk Mass)
Weekday Masses—5:15 P.M.
Saturday Mass—6 P.M.
Holy Day Masses—5:15, 7 P.M. & 12:15
Confessions—Saturday 5-8, 6:45-7:15

AAM CHURCH OF CHRIST
8:00 & 10:00 A.M. Worship
9:00 A.M.—Bible Study
5:15 P.M.—Young People's Class
6:00 P.M.—Worship
7:15 P.M.—Aggie Class
9:30 A.M.—Tues. - Ladies Bible Class
7:15 P.M.—Wednesday - Bible Study

COLLEGE HEIGHTS ASSEMBLY OF GOD
9:45 A.M.—Sunday School
11:00 A.M.—Morning Worship
6:30 P.M.—Young People's Service
7:30 P.M.—Evening Worship

ST. THOMAS EPISCOPAL CHURCH
Southside of Campus
Rector, The Rev. Wm. S. Oley
Phone 846-4133
Sunday Services—8:00 A.M., 10:00 A.M., 6:00 P.M.
Church School—10:00 A.M. Sundays
Canterbury Group—11:15 A.M. and 6:00 P.M. Sundays

GRACE BAPTIST CHURCH
2503 S. College Ave., Bryan
An Independent Bible Church
9:45 A.M.—Sunday School
7:00 A.M.—Morning Worship
7:00 P.M.—Prayer and Bible Study

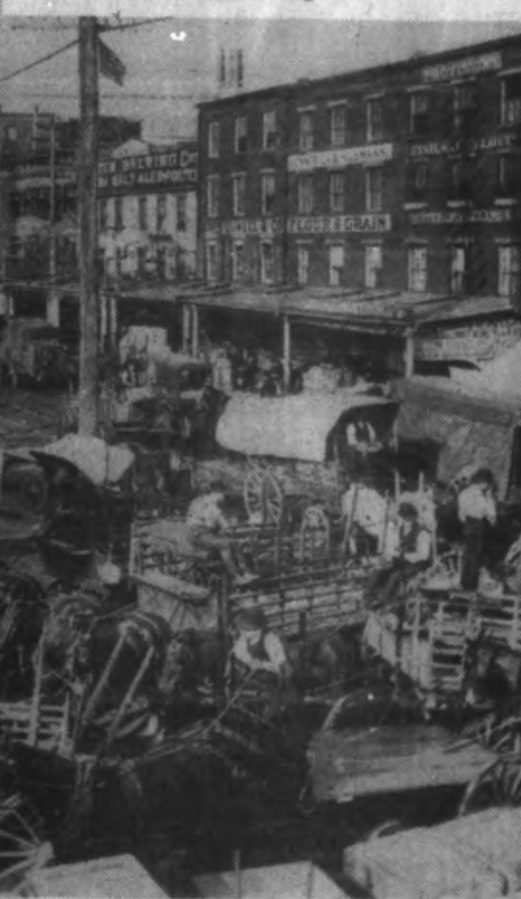
SEVENTH-DAY ADVENTIST CHURCH
North Coulter and Ertle, Bryan
9:30 A.M.—Sabbath School (Saturday)
11:00 A.M.—Worship Service
7:00 P.M.—Prayer Meeting (Tuesday)

Especially on Independence Day, we tend to regard our problems as unique, don't we? And in the bustling, troubled world of today we think of the past as pleasant and serene.

This "rush-hour" scene of 1900 seems miniature when compared with the urban traffic jams of today. But it illustrates that the "olden" days were not entirely rosy. Indeed, sanitation was poor, infant mortality prevalent, roads unpaved and one-room school-houses common.

Yet our ancestors, with an optimistic spirit based on faith in God, met and solved these problems, and we are indebted to them.

Today we face a different set of problems, and there's another big difference: the impact of the Church on our lives has waned. YET TODAY WE NEED THE CHURCH MORE THAN EVER—to provide us with a voice of hope and understanding.



Copyright 1972 Keister Advertising Service, Inc., Strasburg, Virginia
Scriptures selected by the American Bible Society

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Psalm 1:1-6	Genesis 25:24-34	Genesis 37:1-11	Exodus 5:10-17	Judges 16:6-20	1 Samuel 18:5-12	Jonah 3:10-4:11

Hillier Funeral Home
BRYAN, TEXAS
502 West 26th St.
PHONE TA 2-1572

Campus and Circle Theatres
College Station
College Station's Own Banking Service
University National Bank
NORTH GATE
Sure Sign of Flavor



SANITARY Farm Dairies
Central Texas Hardware Co.
BRYAN
● HARDWARE
● CHINAWARE
● CRYSTAL
● GIFTS

Student Publications
The Exchange Store
"Serving Texas Aggies"

BRYAN BUILDING & LOAN ASSOCIATION