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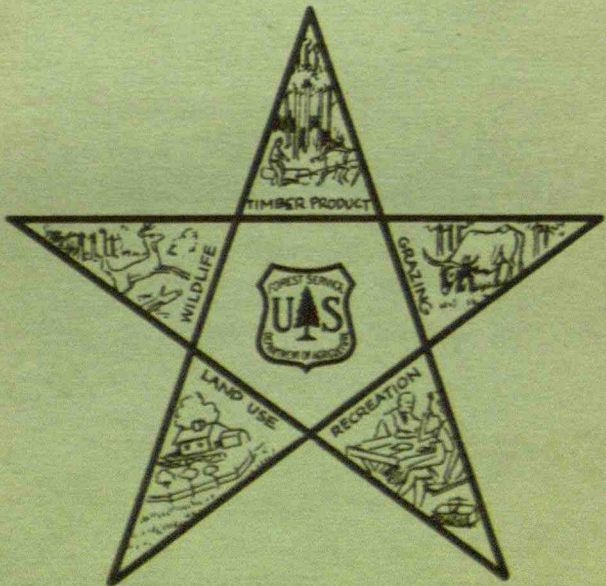


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*L.P. McClennan*

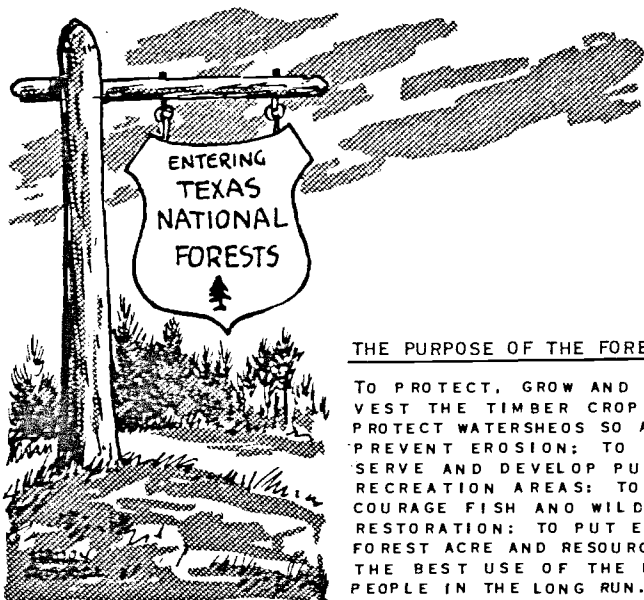
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# TEXAS NATIONAL FORESTS



## FACTS ABOUT THE FOREST

## THE TEXAS NATIONAL FORESTS



### THE PURPOSE OF THE FORESTS

TO PROTECT, GROW AND HARVEST THE TIMBER CROP; TO PROTECT WATERSHEDS SO AS TO PREVENT EROSION; TO PRESERVE AND DEVELOP PUBLIC RECREATION AREAS; TO ENCOURAGE FISH AND WILDLIFE RESTORATION; TO PUT EVERY FOREST ACRE AND RESOURCE TO THE BEST USE OF THE MOST PEOPLE IN THE LONG RUN.

UTILIZATION IS THE ACTIVITY THAT GIVES A RESOURCE VALUE. IT IS THROUGH UTILIZATION THAT MAN LIVES. FORESTS SUPPORT COMMUNITIES - PEOPLE AND THEIR SCHOOLS, CHURCHES, BUSINESSES AND RECREATIONS. TREES, GRASS AND WILDLIFE GROW, REACH MATURITY, AND DIE. MAN MIGHT BETTER USE THEM AT THE PROPER TIME THAN ALLOW WASTE. TO DENY USE MEANS A LOSS OF HUMAN RESOURCE. AND, AFTER ALL, IT IS THE MAINTENANCE OF HUMAN RESOURCES THAT MAKES CONSERVATION OF NATURAL RESOURCES IMPORTANT.

FOREST SUPERVISOR - HIGHWAY #69 (NORTH), LUFKIN, TEXAS  
Box 380. TELEPHONE 1630.

## ESTABLISHMENT OF THE NATIONAL FORESTS

INVITATION AND CONSENT FOR THE FEDERAL GOVERNMENT TO PURCHASE LAND WAS BY ACT OF THE TEXAS LEGISLATURE, MAY 26, 1933. FOUR NATIONAL FORESTS PROCLAIMED BY PRESIDENT ROOSEVELT, OCTOBER 15, 1936, BY NAMES REFLECTING THE HISTORY AND GEOGRAPHY OF TEXAS. TITLE TO FIRST TRACT TAKEN IN 1936. FOR ADMINISTRATION, THE FOUR FORESTS ARE COMBINED AS THE TEXAS NATIONAL FORESTS.

### NATIONAL FOREST ADMINISTRATION UNITS

ANGELINA            ANGELINA DISTRICT - 154,392 ACRES IN ANGELINA, SAN AUGUSTINE AND JASPER COUNTIES.  
DISTRICT FOREST RANGER, P. O. BUILDING, LUFKIN, TELEPHONE 900

SABINE             TENAHA DISTRICT - 84,383 ACRES IN SAN AUGUSTINE, SHELBY AND SABINE COUNTIES.  
DISTRICT FOREST RANGER, PARKER BUILDING, SAN AUGUSTINE, TELEPHONE 2632.

YELLOWPINE DISTRICT - 99,755 ACRES IN SABINE COUNTY.  
DISTRICT FOREST RANGER, OLD NATIONAL BANK BUILDING, HEMPHILL, TELEPHONE 193

DAVY CROCKETT    TRINITY DISTRICT - 84,239 ACRES IN TRINITY AND HOUSTON COUNTIES  
DISTRICT FOREST RANGER, COUNTY BUILDING, GROVETON, TELEPHONE 3591

NEGHESS DISTRICT - 77,233 ACRES IN HOUSTON AND TRINITY COUNTIES.  
DISTRICT FOREST RANGER, P. O. BUILDING, CROCKETT, TELEPHONE 116

SAM HOUSTON       RAVEN DISTRICT - 99,747 ACRES IN WALKER, MONTGOMERY AND SAN JACINTO COUNTIES. DISTRICT FOREST RANGER, P. O. BUILDING, HUNTSVILLE, TELEPHONE 81

BIG THICKET DISTRICT - 58,408 ACRES IN SAN JACINTO AND WALKER COUNTIES. DISTRICT FOREST RANGER, CLEVELAND, TELEPHONE 247

## RESEARCH UNIT

EAST TEXAS BRANCH, SOUTHERN FOREST EXPERIMENT STATION:  
OFFICER-IN-CHARGE, STEPHEN F. AUSTIN COLLEGE,  
NACOGDOCHES

- (1) THE STEPHEN F. AUSTIN EXPERIMENT FOREST - 2,561  
ACRES IN NACOGDOCHES COUNTY
- (2) THE SAN JACINTO EXPERIMENT FOREST - 2,150 ACRES  
IN WALKER COUNTY.



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A TOTAL NATIONAL FOREST AREA OF 658,089 ACRES, WHICH  
COMPRISE 11% OF THE LAND AREA IN 11 COUNTIES.

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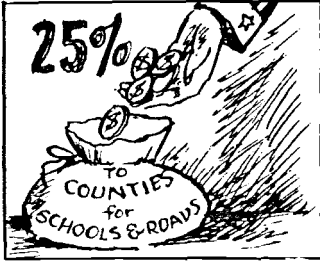
## TIMBER PRODUCTION

EACH YEAR, APPROXIMATELY 80 MILLION BOARD FEET OF PINE  
SAWTIMBER AND PULPWOOD CAN BE CUT FROM THE GROWTH IN  
3-1/3 BILLION BOARD FEET OF PINE TIMBER.

IN ADDITION, APPROXIMATELY 10 - 20 MILLION BOARD FEET  
OF LUMBER, TIES, POSTS AND OTHER PRODUCTS CAN BE CUT  
FROM ONE BILLION BOARD FEET OF HARDWOOD TIMBER.

THE VOLUME OF TIMBER THAT MAY BE CUT WILL INCREASE AS  
THE YOUNGER STANDS REACH MATURITY. AT PRESENT, WE CUT  
AN AMOUNT EQUAL TO ONLY 50% OF THE ANNUAL GROWTH IN  
ORDER TO BUILD UP OUR GROWING STOCK - OUR CAPITAL.

TWENTY-FIVE PERCENT OF ALL FOREST RECEIPTS ARE RETURNED ANNUALLY TO COUNTY TREASURIES. AS FOR EXAMPLE: \$109,000 IN 1948; \$260,000 IN 1949; \$340,000 IN 1950; AND \$320,000 IN 1951. TO BE USED BY THE COUNTIES FOR SCHOOLS AND ROADS.



TIMBER MANAGEMENT

EACH OF THE FOUR NATIONAL FORESTS CONSTITUTES A TIMBER MANAGEMENT UNIT. EACH IS LOGGED UNDER A PLAN FOR SUSTAINED TIMBER PRODUCTION.



EACH OF THE TIMBER MANAGEMENT UNITS (CALLED WORKING CIRCLES) IS DIVIDED INTO 50 TO 60 COMPARTMENTS. ACCORDING TO THE PLAN, CERTAIN OF THESE IN ROTATION COME UP FOR CUTTING EACH YEAR.

THE TREES TO BE CUT ARE MARKED WITH PAINT SPOTS. THEIR VALUE APPRAISED, AND THE TOTAL ESTIMATED VOLUME IS ADVERTISED FOR SALE TO THE HIGHEST BIDDER. THE AVERAGE SALE CONTAINS 2,000,000 FEET, BOARD MEASURE. SUCH SALES ARE MADE BY THE FOREST SUPERVISOR AND ADMINISTERED BY THE DISTRICT FOREST RANGER.

THE DISTRICT RANGER HAS AUTHORITY TO MAKE SMALL SALES AND TO GIVE TO FOREST RESIDENTS FREE TIMBER FOR THEIR OWN USE.

SALES OF TIMBER, ANNUALLY AVERAGING 90 MILLION BOARD FEET, ARE MADE TO COMMERCIAL OPERATORS. IN ADDITION, BETWEEN TWO AND THREE MILLION BOARD FEET ARE GIVEN FREE TO APPROXIMATELY 1,000 DIFFERENT FOREST RESIDENTS.

THOSE STANOS ALREADY WELL STOCKED WITH TREES ARE GROWING AT THE RATE OF BETTER THAN 300 BOARD FEET PER ACRE PER YEAR. AT PRESENT RATES, THAT IS ABOUT \$10.00 ON EVERY ACRE EVERY YEAR. WHEN THE STANOS HAVE BEEN BUILT UP TO ABOUT 10,000 FEET PER ACRE, WE CAN BEGIN CUTTING THE FULL AMOUNT OF THE GROWTH.

THIRTY-SIX THOUSAND ACRES OF DENuded LAND WERE PLANTED TO PINES BETWEEN 1936 AND 1942. THE BEST OF THOSE ARE BEING THINNED NOW TO PRODUCE PULPWOOD.

IN ADDITION TO THE PRODUCTION OF TIMBER, THE NATIONAL FORESTS SERVE AS A DEMONSTRATION AREA OF GOOD FOREST MANAGEMENT, MULTIPLE USE, AND CURRENT TIMBER STAND IMPROVEMENT PRACTICES, SUCH AS GRADING CULL AND LOW VALUE TREES AND THE CONTROL OF BRUSH THROUGH PRESCRIBED BURNING.



### FIRE PROTECTION

SIX HUNDRED AND FIFTY-EIGHT THOUSAND ACRES OF NATIONAL FOREST LANDS AND 400,000 ACRES OF PRIVATE LANDS ARE GIVEN INTENSIVE PROTECTION FROM FIRE BY THE U. S. FOREST SERVICE IN COOPERATION WITH THE STATE FOREST SERVICE.

THE TEXAS NATIONAL FOREST PROTECTIVE FORCE UNDER THE SUPERVISION OF THE RANGERS CONSISTS OF FOUR FULL-TIME DISPATCHERS, 16 LOOKOUTS, SIX ALTERNATE LOOKOUTS, AND FROM 100 TO 200 FIRE FIGHTERS IN ORGANIZED CREWS, DEPENDING UPON THE FIRE DANGER.

SUFFICIENT EQUIPMENT (SUCH AS RAKES, FLAPS, SHOVELS, BACKPACK WATER PUMPS, SAWS, AXES AND OTHER HAND TOOLS) FOR 1,000 MEN IS MAINTAINED IN STANDARD FIRE TOOL CACHES AT STRATEGIC POINTS. THERE ARE TEN DISC PLOWS AND CATERPILLARS, AND TWO HUSKI PLOWS FOR BUILDING FIRE LINES, AND TWO TANKERS. ONE-HALF TON PICK-UPS AND 1-1/2 TON TRUCKS ARE USED FOR TRANSPORTATION OF THE CREWS AND EQUIPMENT.

THE TOWERS AND CARS ARE EQUIPPED WITH SHORT-WAVE  
RADIOS ON ALL DISTRICTS.

AVERAGE NUMBER OF FIRES PER YEAR  
AVERAGE NUMBER OF NF ACRES BURNED PER YEAR

285  
1,500

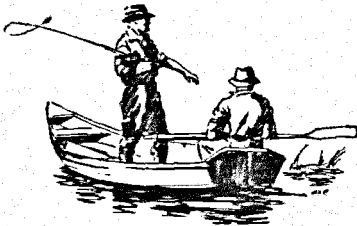
**BE SURE  
it's DEAD OUT**



**PREVENT FOREST FIRES**

NINETY-NINE PERCENT OF ALL THESE FIRES, OR 282 OF THEM, ARE MAN-CAUSED. THE DESTRUCTION OF TIMBER, THE TIME SPENT AWAY FROM THEIR REGULAR JOBS BY TIMBER SALE CREWS AND ROAD CREWS, AND THE COST TO THE TAXPAYERS COULD BE PRACTICALLY ELIMINATED IF PEOPLE WOULD BE CAREFUL WITH FIRE.

### HUNTING AND FISHING



ALL HUNTING AND FISHING ON THE TEXAS NATIONAL FORESTS IS UNDER THE JURISDICTION OF THE STATE GAME AND FISH COMMISSION, AND IN ACCORDANCE WITH THE STATE GAME LAWS.

THERE ARE TWO COOPERATIVE WILDLIFE MANAGEMENT AREAS, ONE OF 11,000 ACRES ON THE SABINE NATIONAL FOREST, AND ONE OF 12,000 ACRES ON THE DAVY CROCKETT NATIONAL FOREST. THESE AREAS ARE MANAGED UNDER AGREEMENT BETWEEN THE UNITED STATES FOREST SERVICE AND THE STATE GAME AND FISH COMMISSION FOR THE PURPOSE OF RESTOCKING THE SURROUNDING TERRITORY WITH TURKEY AND OER.

DEER ARE SCARCE ON NATIONAL FOREST LANDS DUE TO YEAR-LONG POACHING. THERE IS NO TURKEY HUNTING. FISHING IS GENERALLY VERY GOOD, PARTICULARLY IN THE NECHES, TRINITY, SABINE AND ANGELINA RIVERS, AND IN THE NUMEROUS SMALL OVERFLOW LAKES. THERE ARE 445 MILES OF FISHING STREAMS AND 752 ACRES OF LAKES.

### ANIMALS

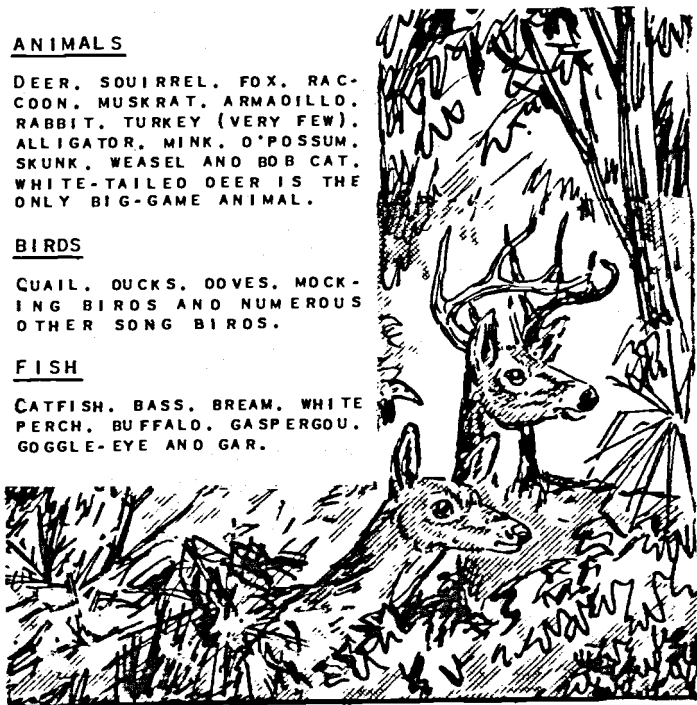
DEER, SQUIRREL, FOX, RACCOON, MUSKRAT, ARMADILLO, RABBIT, TURKEY (VERY FEW), ALLIGATOR, MINK, O'POSSUM, SKUNK, WEASEL AND BOB CAT. WHITE-TAILED DEER IS THE ONLY BIG-GAME ANIMAL.

### BIRDS

QUAIL, DUCKS, GOOSES, MOCKING BIRDS AND NUMEROUS OTHER SONG BIRDS.

### FISH

CATFISH, BASS, BREAM, WHITE PERCH, BUFFALO, GASPERGOU, GOGGLE-EYE AND GAR.



### GRAZING AND RANGE MANAGEMENT

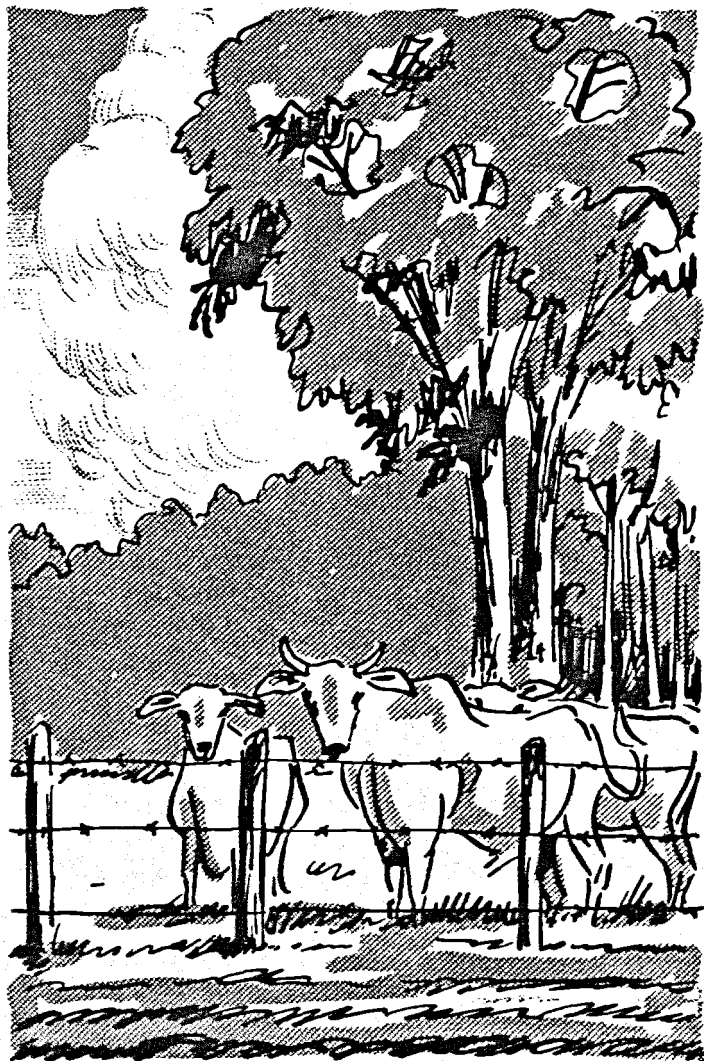
APPROXIMATELY 15,000 HEAD OF CATTLE AND 10,000 HOGS GRAZE FREE OF CHARGE ON THE OPEN RANGE OF NATIONAL FOREST LANDS. TWENTY-FIVE HUNDRED HEAD OF CATTLE GRAZE ON FENCED ALLOTMENTS OR PASTURES UNDER PERMIT BY THE FOREST SERVICE. A FEE OF 10 CENTS PER HEAD PER MONTH IS CHARGED ON THESE FENCED AREAS. GRAZING PERMITS ARE GENERALLY GRANTED TO LOCAL SETTLERS LIVING IN OR NEAR THE FOREST.

THE CARRYING CAPACITY OF THE FORAGE (BLUE-STEM, BROOM-SEDGE AND WIRE GRASS) IS 20 TO 40 ACRES PER COW PER YEAR. THE LOW PALATABILITY OF THESE SPECIES DURING THE WINTER PRECLUDES THE POSSIBILITY OF SATISFACTORY YEAR-LONG GRAZING. SUPPLEMENTAL FEEDING OR IMPROVED PASTURES ARE ESSENTIAL TO SUCCESSFUL STOCK RAISING.



HOGS, SHEEP AND GOATS ARE NOT PERMITTED ON NATIONAL FOREST LANDS, PARTICULARLY ON FENCED AREAS, BECAUSE THEY DESTROY YOUNG GROWTH AND SEEDLINGS.

CATTLE RAISING IN THIS AREA SERVES AS A SOURCE OF INCOME FOR THE FAMILY UNIT, SUPPLEMENTING THAT FROM FARMING AND OTHER JOBS IN THE LOGGING AND LUMBER INDUSTRY.



## RECREATION

THE RECREATIONAL FACILITIES ON THE NATIONAL FORESTS HAVE BEEN DEVELOPED FOR THE ENJOYMENT OF THE PUBLIC. WHEN YOU USE THESE PICNIC AREAS, CAMPGROUNDS, BATH-HOUSES OR LAKES, PLEASE LEAVE THEM AS YOU WOULD LIKE TO FIND THEM. YOUR EXAMPLE WILL BE FOLLOWED BY OTHERS.



THE FOLLOWING AREAS AND FACILITIES ARE AVAILABLE:

### DOUBLE LAKE RECREATION AREA

SAM HOUSTON NATIONAL FOREST, ABOUT 3 MILES SOUTH OF COLO SPRINGS, TEXAS, ON TT 216. THREE HUNDRED AND TEN-ACRE AREA, 30-ACRE LAKE, 14 TABLES AND FIREPLACES, PICNIC SHELTER WITH TABLES AND FIREPLACES, BATH HOUSE, TOILETS, WATER DEVELOPED AND PIPED TO FOUNTAINS FOR DRINKING AND OTHER USES. THIS AREA IS SUITABLE FOR SWIMMING, BOATING, FISHING, PICNICKING AND CAMPING.

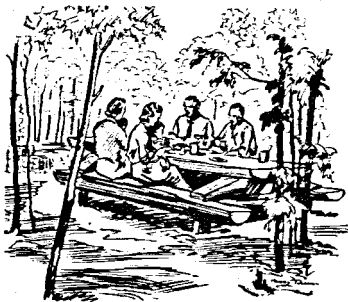
(ACROSS THIS LAKE FROM THE PUBLIC AREA IS AN ORGANIZATION CAMP AREA THAT MAY BE RENTED FOR \$10.00 PER DAY. THE CAMP CONSISTS OF A COMBINATION KITCHEN AND MESS HALL, BATH HOUSE AND TOILET FACILITIES AND SLEEPING CABINS. AREA WILL ACCOMMODATE GROUPS UP TO 100).

## STUBBLEFIELD LAKE

SAM HOUSTON NATIONAL FOREST, ABOUT 15 MILES NW OF NEW WAVERLY ON TT 204A. SMALL 5-ACRE LAKE, 5 FIREPLACES, 2 PICNIC TABLES, LATRINE, ARTESIAN WELL. THIS AREA IS A PLACE TO MORE OR LESS 'ROUGH IT' AND IS SUITABLE FOR PICNICKING, CAMPING AND FISHING.

## RATCLIFF LAKE RECREATION AREA

DAVY CROCKETT NATIONAL FOREST, 25 MILES WEST OF LUFKIN ON STATE HIGHWAY NO. 105. FOUR HUNDRED AND FORTY-ACRE AREA, 80-ACRE LAKE, 30 OUTDOOR TABLES AND FIREPLACES, PICNIC SHELTER WITH LARGE FIREPLACE AND TABLE, BATH HOUSE AND TOILET FACILITIES. WATER DEVELOPED AND PIPED TO FOUNTAINS FOR DRINKING AND OTHER USES. 1-1/2 MILES OF FISHING TRAIL, CAMPING AREA. THIS AREA IS SUITABLE FOR PICNICKING, CAMPING, SWIMMING, FISHING, BOATING, HIKING. THE CENTRAL RECREATION AREA IS OPERATED BY A CONCESSIONAIRE. ADDITIONAL FACILITIES, SUCH AS BOATS, MAY BE RENTED HERE. CANDIES AND SOFT DRINKS MAY BE PURCHASED IN THE AREA.



A FOREST SERVICE LOOKOUT TOWER IS WITHIN A MILE OF THIS AREA. SOME OF THE MOST BEAUTIFUL STANDS OF SHORTLEAF AND LOBLOLLY PINE IN TEXAS ARE TO BE SEEN WITHIN A 10-MILE RADIUS OF THIS AREA.



LOCATED ON THIS AREA, ALSO, ARE NUMEROUS DEMONSTRATION PLOTS SHOWING THE VARIOUS FOREST MANAGEMENT PRACTICES FOR THE INFORMATION AND EDUCATION OF THE PUBLIC.

## PINE SPRINGS PICNIC AREA

DAVY CROCKETT NATIONAL FOREST, ABOUT 10 MILES NE OF CROCKETT ON TEXAS HIGHWAY NO. 21. FIVE-ACRE AREA, FLOWING SPRINGS, 2 PICNIC TABLES, 3 FIREPLACES AND 2 LATRINES. AREA SUITABLE FOR PICNICKING.

## BOYKIN SPRINGS RECREATION AREA

ANGELINA NATIONAL FOREST ABOUT 15 MILES SE OF ZAVALLA ON TT 313B. ONE HUNDRED, THIRTY-SEVEN-ACRE AREA; 12-ACRE LAKE; 16 TABLES AND FIREPLACES; PICNIC SHELTER WITH FIREPLACE AND TABLES; BATH HOUSE AND TOILETS; 2 LATRINES; AND WATER DEVELOPED AND PIPE TO DRINKING FOUNTAINS FROM LARGE SPRING. AREA SUITABLE FOR PICNICKING, CAMPING, SWIMMING, BOATING AND HIKING. THE APPROACH TO THIS AREA IS THROUGH SOME VERY BEAUTIFUL LONGLEAF PINE PLANTATIONS.

## BANNISTER LAKE AREA

ANGELINA NATIONAL FOREST ABOUT 5 MILES NE OF BROADOUS, TEXAS, ON FARM-TO-MARKET ROAD NO. 10. FOUR-AND ONE-HALF-ACRE LAKE, 2 TABLES, 5 FIREPLACES AND LATRINE. AREA SUITABLE FOR PICNICKING AND CAMPING.

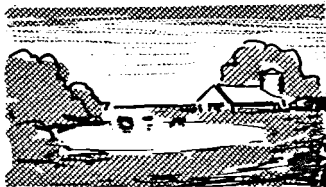
## RED HILLS LAKE RECREATION AREA

SABINE NATIONAL FOREST, ABOUT 4 MILES NORTH OF MILAM ON TEXAS HIGHWAY NO. 87. FIVE-HUNDRED-ACRE AREA, 17-ACRE LAKE, 7 TABLES, 5 FIREPLACES, BATH HOUSE AND SHELTER COMBINED, AND TOILETS. AREA SUITABLE FOR PICNICKING, CAMPING, SWIMMING, FISHING AND BOATING.

## BOLES FIELD FOX HUNTING AREA

SABINE NATIONAL FOREST, ABOUT 7 MILES EAST OF SHELBYVILLE ON TT 100. AREA 87 ACRES, SPRINGS, 6 TABLES, 6 FIREPLACES, SHELTER, LATRINES, WATER DEVELOPED, AMPHITHEATER AND STAGE, DOG KENNELS AND CORRAL FOR USE OF FOX HUNTERS ASSOCIATION. AREA SUITABLE FOR PICNICKING AND CAMPING.

## WATERSHED MANAGEMENT



WATERSHED PROTECTION AND DEVELOPMENT HAVE AN ESSENTIAL PART IN ALL RESOURCE PLANS ON NATIONAL FORESTS BECAUSE OF THE INCREASING IMPORTANCE AND VALUE OF ADEQUATE SUPPLIES OF POTABLE WATER FOR DOMESTIC AND INDUSTRIAL USE. THE CONTROL

OF WATER IS A PRIME CONSIDERATION IN ALL ROAD BUILDING AND LOGGING ACTIVITY.

## OTHER LAND USE



IN ADDITION TO TIMBER PRODUCTION, RECREATION AND GRAZING, THERE ARE OTHER USES BEING MADE OF THESE NATIONAL FOREST LANDS.

THERE ARE 350 SPECIAL-USE PERMITS TO LOCAL SETTLERS FOR CULTIVATION, PASTURES, RESIDENCES AND DRIFT FENCES. PERMITS FOR CULTIVATION ARE GRANTED ONLY WHERE THE LAND IS SUITABLE FOR AGRICULTURE.

THERE ARE 50 SPECIAL-USE PERMITS FOR EASEMENTS AND RIGHTS-OF-WAY FOR PIPELINES, TELEPHONE AND POWER LINES, AND ROADS.

OVER 200,000 PEOPLE RESIDE WITHIN THE COUNTIES WHICH WHOLLY OR PARTLY LIE WITHIN THE NATIONAL FOREST BOUNDARIES.

## MAINTAINING TRUCK TRAILS AND IMPROVEMENTS

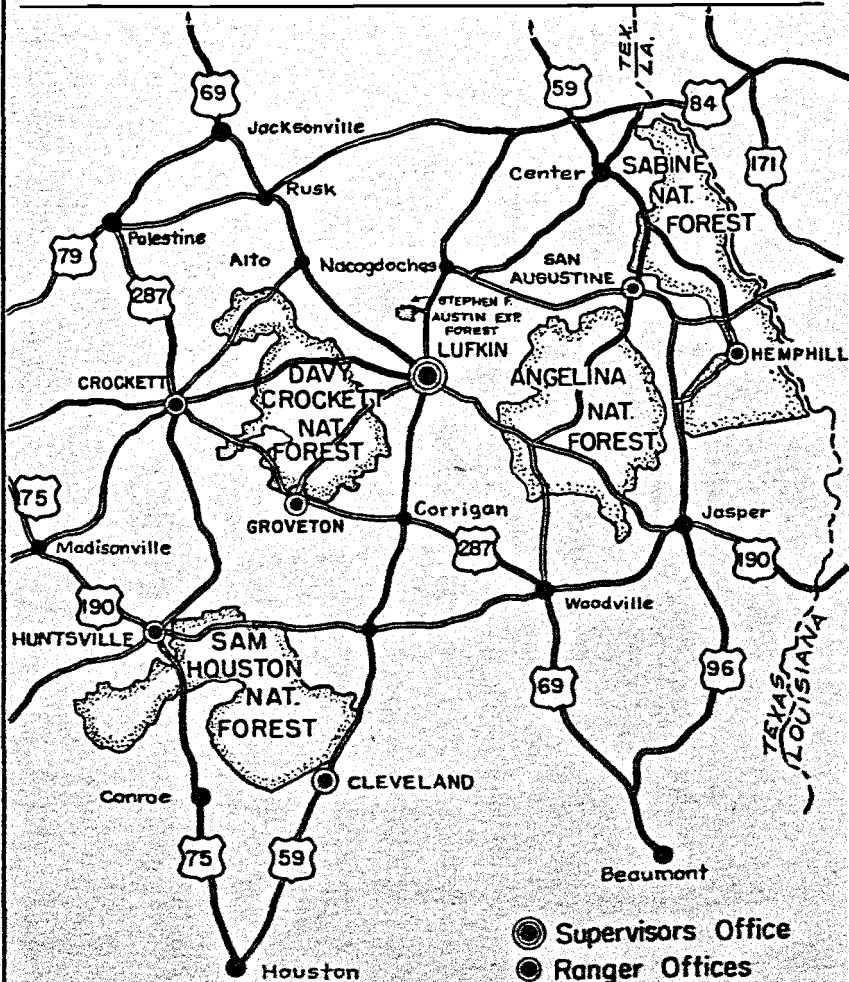


THE MAINTENANCE AND CONSTRUCTION OF FOREST SERVICE ROADS AND IMPROVEMENTS SUCH AS HOUSES, CABINS, BARNs, GARAGES, SHOPS, FENCES, TOWERS AND WELLS, TO FACILITATE ADMINISTRATION OF THE USES AND RESOURCES, IS AN IMPORTANT JOB. TO DO THIS WORK, EACH RANGER DISTRICT HAS AN IMPROVEMENT FOREMAN AND A CREW OF SKILLED AND UNSKILLED LABORERS.

THERE ARE APPROXIMATELY 750 MILES OF NATIONAL FOREST ROADS, 100 MILES OF TELEPHONE LINES, 17 LOOKOUT TOWERS AND STATIONS, 8 RECREATION AREAS, 4 LAKES, 5 WORK CENTERS, INCLUDING SHOPS AND WAREHOUSES AND OTHER BUILDINGS, AND 130 MILES OF HOGPROOF FENCE. APPROXIMATELY 500 MILES OF TIMBER ACCESS ROADS WILL BE CONSTRUCTED IN THE NEXT FIVE YEARS.

*The four*  
**TEXAS NATIONAL FORESTS**  
*are in the heart of the*  
*East Texas Piney Woods*

ANGELINA - DAVY CROCKETT - SABINE - SAM HOUSTON NAT. FORESTS



THE U. S. FOREST SERVICE IS RESPONSIBLE FOR THE MANAGEMENT OF THE NATURAL RESOURCES OF WATER, TIMBER AND WILDLIFE ON THE TEXAS NATIONAL FORESTS; AND COOPERATES WITH THE STATE AND PRIVATE LAND OWNERS IN THE PROTECTION, REFORESTATION, AND MANAGEMENT OF STATE AND PRIVATE FOREST LANDS.



U. S. FOREST SERVICE

SOUTHERN REGION

U. S. DEPARTMENT OF AGRICULTURE

AGRICULTURE - ATLANTA