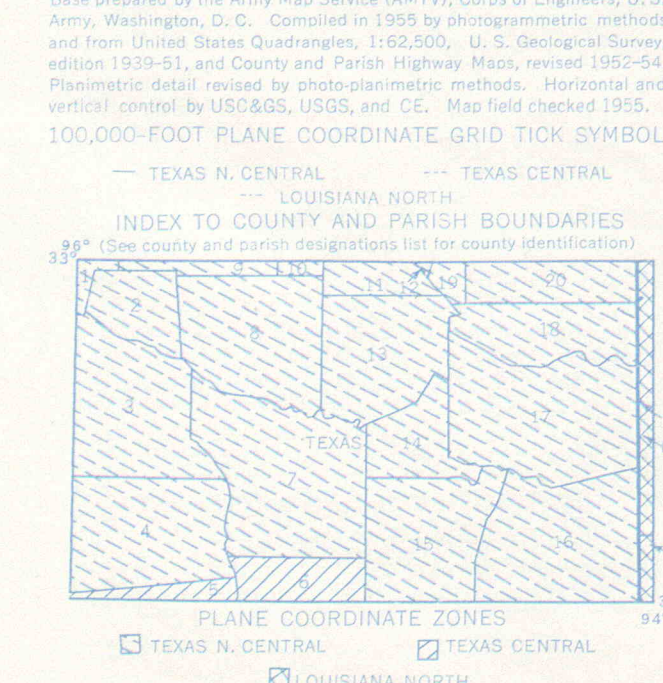


TYLER, TEXAS, LOUISIANA (N 15-10)
AUGUST 1968

Base prepared by the Army Map Service (AMS), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1959 by photogrammetric methods and from United States Quadrangles 1:50,000, 1:25,000, 1:62,500, and 1:25,000. Geographical names revised by photogrammetric methods. Horizontal and vertical control by USGS, USGS, and CE. Map field checked 1955, 1:100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS



HORIZONTAL CONTROL

- Coast & Geodetic Survey:
 - Monumented Point - First Order
 - Monumented Point - Second Order
 - Monumented Point - Third Order
 - Located Object - Third Order
 - See separate index for names of numbered stations
 - Station reported not recovered
 - Measured Base - Electronic or Taped
 - Line of triangulation observed
 - Line of triangulation observed from one end only
 - Measured Length - Electronic or Taped
 - Theodolite Traverse - Electronic Distance
 - Transit Traverse - Taped Distance Third Order
 - Transit Traverse and Levelling Third Order
- Geological Survey:
 - Monumented Point - First Order
 - Monumented Point - Second Order
 - Monumented Point - Third Order
 - Located Object - Third Order
 - See separate index for names of numbered stations
 - Station reported not recovered
 - Measured Base - Electronic or Taped
 - Line of triangulation observed
 - Line of triangulation observed from one end only
 - Measured Length - Electronic or Taped
 - Theodolite Traverse - Electronic Distance
 - Transit Traverse - Taped Distance Third Order
 - Transit Traverse and Levelling Third Order

VERTICAL CONTROL

- Coast & Geodetic Survey:
 - First Order
 - Second Order
 - Third Order
- Geological Survey:
 - First Order
 - Second Order
 - Third Order

STATE SURVEY CONTROL

- Horizontal or Vertical

Scale 1:250,000

25,000 50,000 75,000 100,000 Feet

25,000 50,000 75,000 100,000 Feet

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

ROADS

- Hard surface, heavy duty
- More than two lanes wide
- Two lanes wide, Federal route marker
- Hard surface, medium duty
- More than two lanes wide
- Two lanes wide, State route marker
- Improved light duty
- Unimproved dirt
- Trail

RAILROADS

- Standard gauge
- Narrow gauge
- Interurbans
- State
- County
- Park or reservation

LEGEND

- Landmarks: School; Church; Other
- Marsh or swamp
- Intermittent or dry stream
- Spot elevation in feet
- Power line

COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION
INDEX TO COUNTY AND PARISH BOUNDARIES

32 095 4	32 095 1	32 094 4	32 094 1
32 095 3	32 095 2	32 094 3	32 094 2

LOCATION DIAGRAM FOR N 15-10

34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

LEGEND

- County
- Parish

COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION
INDEX TO COUNTY AND PARISH BOUNDARIES

32 095 4	32 095 1	32 094 4	32 094 1
32 095 3	32 095 2	32 094 3	32 094 2

GEOLOGICAL SURVEY
FIFTEEN MINUTE QUADRANGLE DESIGNATION
INDEX TO COUNTY AND PARISH BOUNDARIES

23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, E.S.S.A. ROCKVILLE, MARYLAND 20852

ORDER CONTROL DATA, SHOWN IN RED, BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON, D.C. 20242

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE FEBRUARY 1968

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

QUADS 320941-2-3-4 & 320951-2-3-4
 TEXAS-LA
 LATITUDE 32°00' TO 33°00'
 LONGITUDE 94°00' TO 96°00'
 DIAGRAM NI 15-10 TYLER

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1.	LONE OAK MUNICIPAL TANK		
2.	DALLAS-ATLANTA AIRWAY BEACON 10 (lost)		
3.	MINEOLA CITY POLICE RADIO MAST MINEOLA FIRST BAPTIST CHURCH SPIRE		
4.	MINEOLA MUNICIPAL WATER TANK		
5.	EDGEWOOD MUNICIPAL TANK		
6.	GRAND SALINE MUNICIPAL WATER TANK		
7.	CANTON MUNICIPAL TANK CANTON COUNTY COURTHOUSE (lost) CANTON FIRST BAPTIST CHURCH SPIRE (lost)		
8.	PHALBA TT 17 S (USGS)		
9.	ATHENS MUNICIPAL WATER TANK		
10.	ATHENS COUNTY COURTHOUSE FLAGSTAFF		
11.	FRANSTON MUNICIPAL WATER TANK		
12.	WINNSBORO WINNSBORO MUNICIPAL WATER TANK		
13.	HAWKINS MUNICIPAL WATER TANK		
14.	HAWKINS HALLIBURTON PLANT RADIO MAST		
15.	JARVIS CHRISTIAN COLLEGE WATER TANK		
16.	BIG SANDY MUNICIPAL WATER TANK		
17.	TT 37 WM (USGS) BIG SANDY DIVISION LONGVIEW MUNICIPAL WATER SUPPLY TANK		
18.	AIRPORT BEACON POUNDS FIELD TYLER(1950) (lost) AIRPORT BEACON POUNDS FIELD TYLER(1958)		
19.	TYLER MUNICIPAL WATER TANK		
20.	TYLER THE PEOPLES NATIONAL BANK BLDG FLAGPOLE		
21.	TYLER STATE PATROL RADIO MAST		
22.	TYLER FIRST PRESBYTERIAN CHURCH STEEPLE		

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
23.	STAR 2 LONE STAR HUMBLE OIL CO RADIO MAST		
24.	GLADEWATER NW MUNICIPAL WATER TANK		
25.	GLADEWATER METHODIST CHURCH STEEPLE		
26.	GLADEWATER MUNICIPAL WATER TANK		
27.	GREGGTON MUNICIPAL WATER TANK		
28.	LONGVIEW RADIO STATION KFRO NE MAST LONGVIEW RADIO STATION KFRO SW MAST LONGVIEW RADIO STATION KFRO CENTER MAST		
29.	HALLSVILLE HALLSVILLE MUNICIPAL WATER TANK		
30.	LONGVIEW NE MUNICIPAL WATER TANK LONGVIEW NW MUNICIPAL WATER TANK LONGVIEW SW MUNICIPAL WATER TANK		
31.	AIRPORT BEACON GREGG COUNTY AIRPORT LONGVIEW		
32.	KARNACK TEXAS-ILLINOIS NATURAL GAS RELAY TOWER		
33.	LONGHORN ORDNANCE DEPOT NW WATER TANK		
34.	LONGHORN ORDNANCE DEPOT E WATER TANK		
35.	MARSHALL E TEXAS BAPTIST COLLEGE CHAPEL SPIRE		
36.	AIRWAY BEACON 19 DALLAS-SHREVEPORT (lost)		
37.	TEXAS-ILLINOIS NATURAL GAS CO RADIO STATION KKH 60 TOWER		
38.	SOUTHERN BELL TV BOOSTER TOWER 6 MILES SE OF KARNACK		
39.	LOUISIANA CONTROL SURVEY MONUMENT		
40.	CARTHAGE SW MUNICIPAL WATER TANK		
41.	CARTHAGE RADIO STATION KGAS MAST		
42.	CARTHAGE UNITED GAS PIPE LINE CO RADIO MAST		