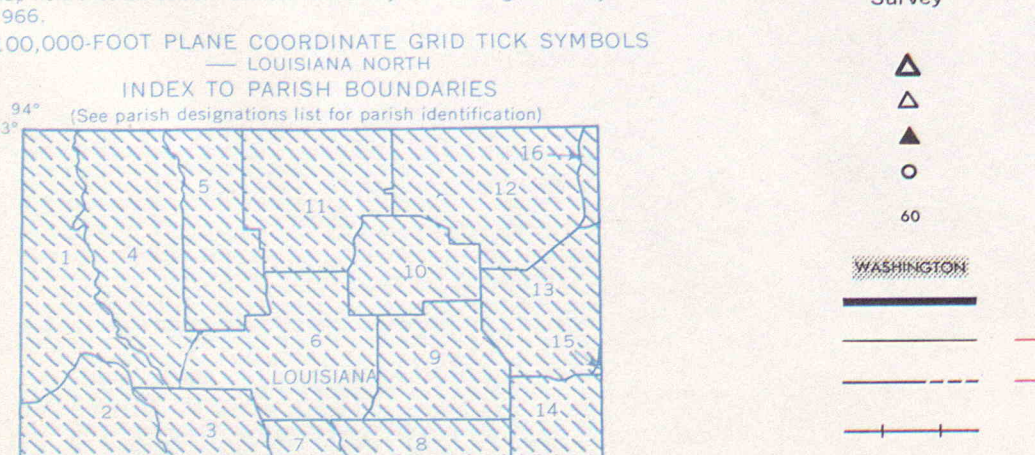


Base prepared by the U. S. Army Topographic Command (TPC) in Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States quadrangles 1:62,500, 1945-50, and Parish Highway maps 1:50,000. Planimetry revised from aerial photographs taken 1950-52. Horizontal and vertical control by USGS, USC&GS, USGS, U. S. Soil Conservation Service, and Louisiana Geodetic Survey. Map field checked 1955. Limited revision by U. S. Geological Survey, 1966.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

INDEX TO PARISH BOUNDARIES
(See parish designations list for parish identification)



PLANE COORDINATE ZONES
LOUISIANA NORTH

HORIZONTAL CONTROL

- 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 - Electro Optical or Taped
- Line of triangulation observed from one end only
- Line of triangulation observed from both ends
- Measured Length - Electronic or Taped
- Theodolite Traverse - Electronic Distance
- Transit Traverse - Taped Distance Third Order
- Transit Traverse and Leveling Third Order

VERTICAL CONTROL

- First Order
- Second Order
- Third Order

STATE SURVEY CONTROL

- Horizontal or Vertical

Scale 1:250,000
0 5 10 15 20 25 30 Statute Miles
0 5 10 15 20 25 30 Kilometers

SECTIONIZED TOWNSHIP

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

TRANSVERSE MERCATOR PROJECTION

LOCATION DIAGRAM FOR NI 15-11

LEGEND

- RAILROADS: Single track, Double or Multiple track
- ROADS: Hard surface, heavy duty; More than two lanes wide; Two lanes wide, Federal route marker; Two lanes wide, medium duty; More than two lanes wide; Two lanes wide, State route marker; Improved light duty; Unimproved dirt; Trail
- BOUNDARIES: Parish, County, State, National
- LANDMARKS: School, Church, Other
- SPOTS: Spot elevation in feet
- MARKS: Marsh or swamp; Intermittent or dry stream; Power line

COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO PARISH BOUNDARIES

32 093 4	32 093 1	32 092 4	32 092 1
32 093 3	32 093 2	32 092 3	32 092 2

ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM GEODESY DIVISION, NOAA, ROCKVILLE, MARYLAND 20852.

GEOLOGICAL SURVEY
FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO PARISH BOUNDARIES

222	221	220	219	218	217	216	215
209	208	207	206	205	204	203	202
196	195	194	193	192	191	190	189
180	181	180	179	178	177	176	175

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

U. S. DEPARTMENT OF COMMERCE
 ENVIRONMENTAL SCIENCE SERVICES ADMIN.
 COAST AND GEODETIC SURVEY
 ROCKVILLE, MARYLAND 20852
 FORM 6471 (2/68)
 DATE JULY 1971

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

PAGE 1
 QUADS 320921-2-3-4 & 320931-2-3-4
 LA
 LATITUDE 32°00' TO 33°00'
 LONGITUDE 92°00' TO 94°00'
 DIAGRAM NI 15-11 SHREVEPORT

KEY NO	STATION NAME	QUAD NO	STATION NO
1	WEST MONROE MUNICIPAL WATER TANK	320921	1042
2	31C004 LDH	320921	1048
3	31C005 LDH	320921	1049
4	31C006 LDH	320921	1050
4	31C015 LDH	320921	1051
5	31C008 LDH	320921	1055
6	31C009 LDH	320921	1056
7	31C010 LDH	320921	1057
8	31C012 LDH	320921	1059
9	37A001 LDH	320921	1062
10	37A002 LDH	320921	1063
11	MONROE QUACHITA NAT BANK BLDG WEATHER VANE	320921	1037
11	MONROE FRANCIS HOTEL BEACON LIGHT ROD	320921	1035
11	37A008 LDH	320921	1066
12	MONROE MUNICIPAL WATER TANK	320921	1036
12	37B003 LDH	320921	1067
13	37A006 LDH	320922	1026
14	37A007 LDH	320922	1027
15	FORT WORTH-JACKSON AIRWAYS BEACON NO 26	320924	1033
16	31A001 LDH	320924	1048
17	31A005 LDH	320924	1052
18	31B003 LDH	320924	1064
19	31B005 LDH	320924	1066
20	7A001 LDH	320931	1001
21	7A002 LDH	320931	1002
22	60A005 LDH	320931	1008
23	60B002 LDH	320931	1014
23	60B003 LDH	320931	1015
24	60B004 LDH	320931	1016
25	60B005 LDH	320931	1017
26	60C005 LDH	320931	1024
27	60C006 LDH	320931	1025
28	60C008 LDH	320931	1027
29	DIXIE LA ORDNANCE PLANT WATER TANK NO 2	320931	1067
30	60C007 LDH	320931	1026
31	DIXIE LA ORDNANCE PLANT WATER TANK NO 4	320931	1069
32	FT WORTH-ATLANTA AIRWAY BEACON NO 25	320931	1072
33	GIBSLAND MUNICIPAL WATER TANK	320931	1074
34	BENCH MARK NO 58 USE	320932	1006
34	BENCH MARK NO 57 USE	320932	1005

KEY NO	STATION NAME	QUAD NO	STATION NO
34	COUSHATTA	320932	1004
35	9C008 LDH	320933	1045
35	9C009 LDH	320933	1046
35	REID	320933	1006
35	SHREVEPORT LIBBY-OWENS GLASS WATER TANK	320933	1032
35	SHREVEPORT LOF N STACK	320933	*
36	SHREVEPORT CADDO STORAGE CO WATER TANK	320933	1024
36	SHREVEPORT CHARITY HOSPITAL STANDPIPE	320934	1055
37	SHREVEPORT CREOSOTING CO WATER TANK	320933	1026
38	SHREVEPORT FAIRPARK HIGH SCHOOL SPIRE	320933	1028
39	SHREVEPORT FERTILIZER WORKS HIGH TANK	320933	1029
40	SHREVEPORT MUNICIPAL WATER TANK 1930	320933	1031
41	9B006 LDH	320933	1036
42	9C001 LDH	320933	1038
43	9C002 LDH	320933	1039
44	BARKS	320934	1001
44	AIRPORT BEACON BARKSDALE AFB SHREVEPORT	320934	1002
45	SHREVEPORT VICTORIA SASH & DOOR CO TANK	320933	1047
46	BARKSDALE AIR FORCE BASE WATER TANK 2	320934	1036
47	BOSSIER CITY MUN WATER TANK	320934	1042
48	BOSSIER CITY STATE POLICE RADIO MAST	320934	1043
49	SHREVEPORT MUNI AUDITORIUM FLAGPOLE	320934	1057
49	SHREVEPORT 1ST BAPTIST CHURCH SPIRE	320934	1056
49	SHREVEPORT S W GAS AND ELEC CO CON STACK	320934	1058
50	SHREVEPORT TEXAS CO ARDIS ID HIGH TANK	320934	1061
51	PATRIC LDH	320933	*
52	ARMIS LDH	320932	*
53	SHREVEPORT MUN TANK 1969	320933	*
54	SHREVEPORT RAD STA KEEL TOWER	320933	*
55	9C005 LDH	320933	1042

* UNADJUSTED