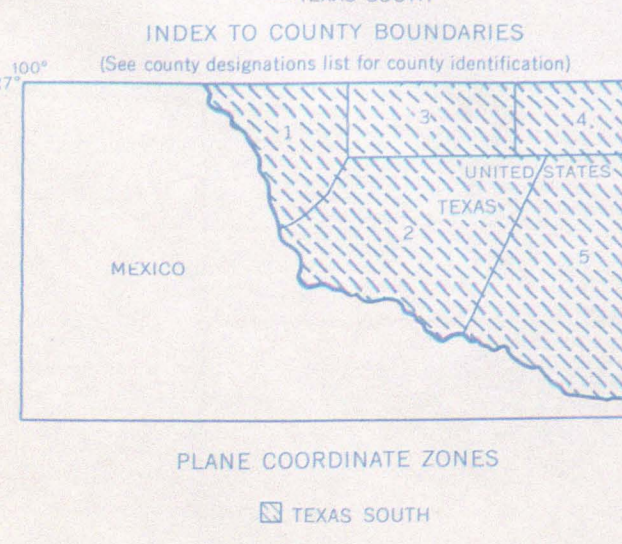




Base prepared by the Army Map Service (KCBM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1957 by photogrammetric methods. Control by USGS and USC&GS. Aerial photography 1955. Photography field annotated 1956.

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
 — TEXAS SOUTH



HORIZONTAL CONTROL

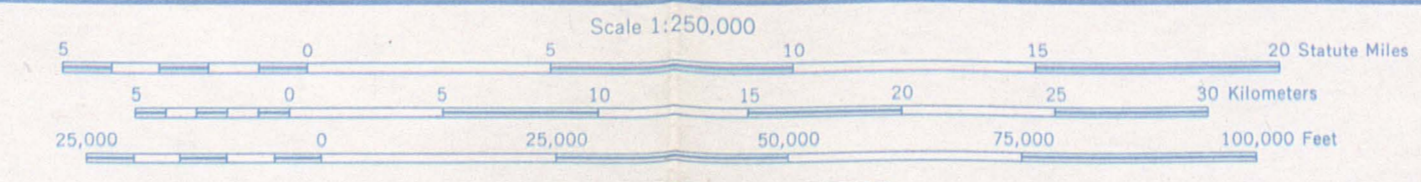
- | | |
|---|--|
| Coast & Geodetic Survey | Geological Survey |
| ▲ Monumented point - First Order | ▲ Monumented point - Second Order |
| ▲ Monumented point - Third Order | ○ Located Object - Third Order |
| ○ See separate index for names of numbered stations | |
| 60 Station reported not recovered | |
| — Measured Base - Electronic or Taped | — 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 Leveling Third Order |

VERTICAL CONTROL

- | | |
|------------------------------------|--------------------------|
| Coast & Geodetic Survey | Geological Survey |
| — First Order | — Second Order |
| — Third Order | |

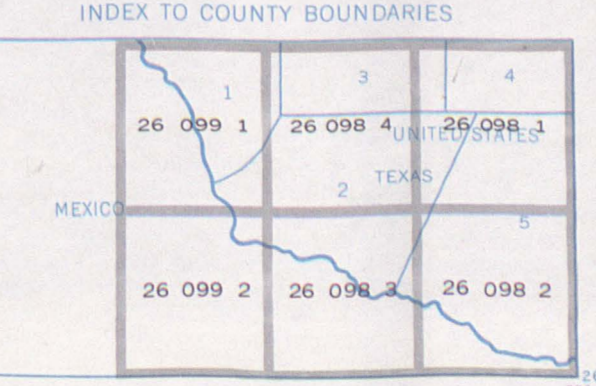
STATE SURVEY CONTROL

- | |
|--------------------------|
| — Horizontal or Vertical |
|--------------------------|



- LEGEND ROAD DATA 1956
- | | | |
|--|-----------------------------------|------------------------------|
| ROADS | RAILROADS | LANDMARKS |
| — Hard surface, heavy duty | — Single track Double or Multiple | — School; Church; Other |
| — More than two lanes wide | — Standard Gauge | — Spot elevation in feet |
| — Two lanes wide; Federal route marker | — Narrow gauge | — Marsh or swamp |
| — Hard surface, medium duty | | — Intermittent or dry stream |
| — More than two lanes wide | | — Power line |
| — Two lanes wide; State route marker | | |
| — Improved light duty | | |
| — Unimproved dirt | | |

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

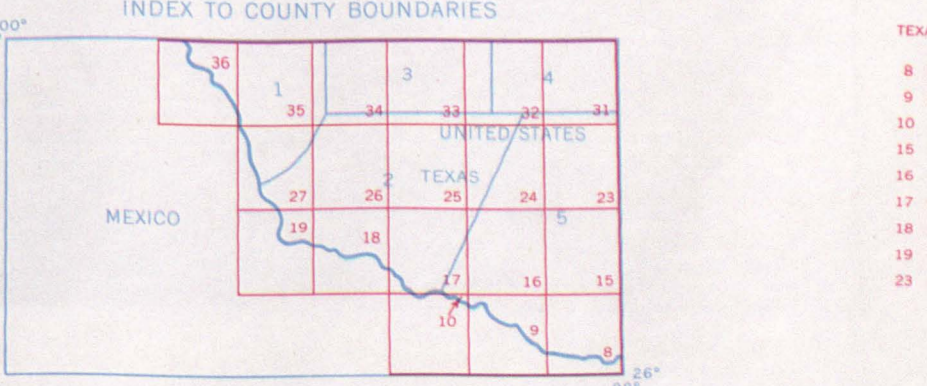


ORDER CONTROL DATA, SHOWN IN BLACK, BY 30 MINUTE QUADRANGLE UNITS FROM COAST & GEODETIC SURVEY, ESSA, ROCKVILLE, MARYLAND 20852.

COUNTY DESIGNATIONS

- Zapata
- Starr
- Jim Hogg
- Brooks
- Hidalgo

GEOLOGICAL SURVEY
 FIFTEEN MINUTE QUADRANGLE DESIGNATION
 INDEX TO COUNTY BOUNDARIES



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

- | | |
|------------------|----------------------|
| TEXAS | TEXAS (Cont.) |
| 8 San Juan | 24 La Brea |
| 9 Mason | 25 Del Norte |
| 10 Lee | 26 El Paso |
| 11 Hidalgo No. 1 | 27 Falmes |
| 12 Elmore | 28 Kincaid |
| 13 Garza | 29 Brown |
| 14 Kincaid | 30 Andrews |
| 15 Brown | 31 Andrews |
| 16 Andrews | 32 Andrews |
| 17 Andrews | 33 Andrews |
| 18 Andrews | 34 Andrews |
| 19 Andrews | 35 Andrews |
| 20 Andrews | 36 Andrews |

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

INDEX TO NUMBERED HORIZONTAL CONTROL STATIONS

by the
 Coast and Geodetic Survey

QUADS 260981-2-3-4 & 260991-2-3-4
 TEXAS - MEXICO
 LATITUDE 26° 00' TO 27° 00'
 LONGITUDE 98° 00' TO 100° 00'
 DIAGRAM NG 14-5 MCALLEN

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.	KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	DONNA STANDPIPE			15	SAN JUAN BLACK ABANDONED WATER TANK		
1	DONNA MUNICIPAL WATER TANK			16	HIDALGO MUNICIPAL WATER TANK		
2	BM 068 (IBC)			17	HIDALGO CHURCH STEEPLE NEAR RIVER		
3	PHARR ELEVATOR FLAGPOLE E OF RR STATION			17	HIDALGO COUNTY WATER IMPROVEMENT PLANT CONCRETE STACK		
3	PHARR STANDPIPE FINIAL			18	MISSION NEW MUNICIPAL WATER TANK		
3	PHARR POST OFFICE PAGODA CUPOLA			19	MCALLEN NEW MUNICIPAL WATER TANK		
3	PHARR NEW MUNICIPAL WATER TANK			20	ENGLEMAN PRODUCTS CO WATER TANK		
4	MCALLEN SCHOOL TEMPORARY SCAFFOLD			21	MISSION UNITED IRRIGATION CO THIRD LIFT PLANT STACK		
4	MCALLEN METHODIST CHURCH STEEPLE			22	EDINBURG RADIO STATION KURV N RADIO MAST		
4	MCALLEN CENTRAL LIGHT & POWER CO WATER TANK			22	EDINBURG RADIO STATION KURV S RADIO MAST		
4	MCALLEN STANDPIPE			23	EDINBURG F H VAHLSING INC RADIO MAST		
4	SIGLER			23	EDINBURG AMERICAN FRUIT CO ICE PLANT BLACK WATER TANK		
4	MCALLEN SACRED HEART CATHOLIC CHURCH CROSS			24	FAYSVILLE TENN GAS PIPELINE CO RADIO MAST		
5	MCALLEN COUNTY WATER IMPROVEMENT PLANT LARGE CONCRETE STACK			24	FAYSVILLE WESTERN NATURAL GAS CO RADIO MAST		
5	TALL STACK S OF MCALLEN			25	SAN ISIDRO US GOVERNMENT RADAR TOWER		
6	DERRICK			25	SAN ISIDRO SUN PIPELINE CO RADIO MAST		
6	EDINBURG PUMP CO TALL STACK						
6	MISSION EDINBURG WATER CO IRON STACK						
6	MISSION UNITED IRRIGATION CO FIRST LIFT PLANT STACK						
7	FLORES RANCH WINDMILL						
8	WINDMILL NEAR WHITE HOUSE						
9	RIOGRANDE STANDPIPE						
10	RIOGRANDE METHODIST CHURCH STEEPLE						
10	RIOGRANDE COUNTY COURTHOUSE DOME						
10	RIOGRANDE CATHOLIC CHURCH STEEPLE						
11	EDIN						
11	EDINGBURG TALL SILVER MUNICIPAL WATER TANK						
11	EDIN (USBR)						
12	MISSION MUNICIPAL WATER TANK						
12	MISSION UNITED IRRIGATION CO SECOND LIFT PLANT STACK						
12	MISSION GUADALUPE CATHOLIC CHURCH CROSS						
13	EDINBURG COUNTY COURTHOUSE DOME						
13	EDINBURG BRICK STACK						
14	SOUTHLAND ORCHARDS & NURSERIES INC WATER TANK						
15	SAN JUAN MUNICIPAL WATER TANK						