



FLORIDA STATEWIDE REGIONAL EVACUATION STUDY PROGRAM



STORM TIDE ATLAS

COLLIER COUNTY



VOLUME 7-9

BOOK 2 OF 6

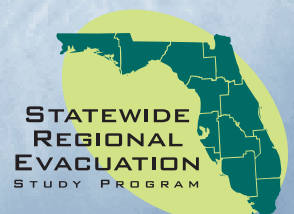
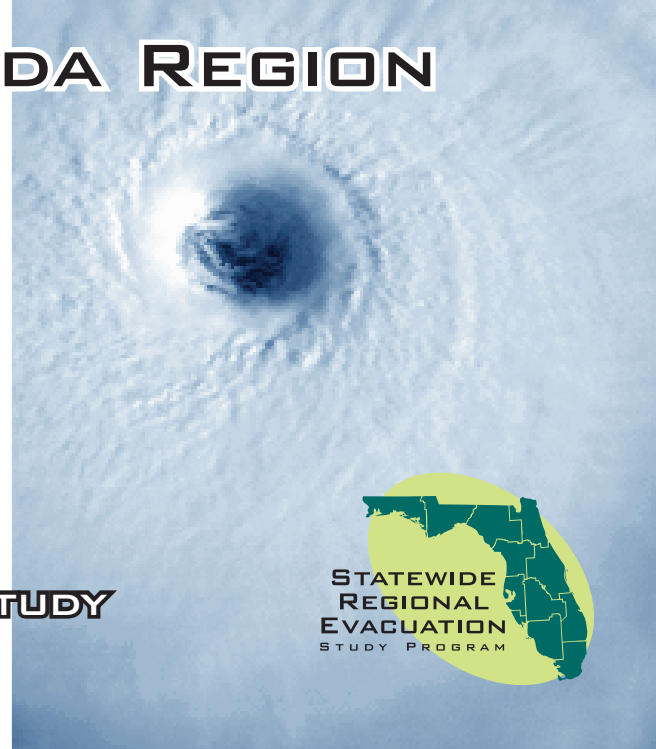
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Southwest Florida STORM TIDE ATLAS

Volume VII-9 Book 2 Collier County

This Book is part of Volume VII of the ***Statewide Regional Evacuation Study*** (SRES) Program and one of six county books in the Southwest Florida Storm Tide Atlas Series. Book 1 covers Charlotte County; Book 2 covers Collier County; Book 3 covers Glades County; Book 4 covers Hendry County; Book 5 covers Lee County and Book 6 covers Sarasota County. The Atlas maps identify those areas subject to potential storm tide flooding from the five categories of hurricane on the **Saffir Simpson Hurricane Wind Scale as determined by NOAA's numerical storm surge model, SLOSH** (updated 2009).

The Storm Tide Atlas, published in 2010, is the foundation of the hazards analysis for storm tide and a key component of the SRES. The Technical Data Report (Volume I) builds upon this analysis and includes the revised evacuation zones and population estimates, results of the evacuation behavioral data, shelter analysis and evacuation transportation analyses. The Study, which provides vital information to state and local emergency management, forms the basis for county evacuation plans. The final documents with summary information will be published and made available on the Internet (www.swfrpc.org) in June 2010.

The Atlas was produced by the Southwest Florida Regional Planning Council with funding by the Florida Legislature and the Federal Emergency Management Agency through the Florida Division of Emergency Management.



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VOLUME VII-9

Southwest Florida

STORM TIDE ATLAS

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INTRODUCTION

A comprehensive emergency management program requires attention to four (4) key inter-related components: preparedness, response, recovery and mitigation. Preparing and avoiding or reducing potential loss of life and property damage - **preparedness and mitigation** - requires accurate and precise hazard and vulnerability analyses. These analyses are the foundation for evacuation and disaster response planning, as well as the development of local mitigation strategies designed to reduce the community's overall risk to disasters. This Atlas series provides information to state, county and local emergency management officials and planners for use in hurricane preparedness and coastal management in the Southwest Florida Region including Charlotte, Collier, Glades, Hendry, Lee, and Sarasota counties (Figure 1). It was part of a statewide effort to enhance our ability to respond to a hurricane threat, facilitate the evacuation of vulnerable residents to a point of relative safety and mitigate our vulnerability in the future. The ***Statewide Regional Evacuation Study Program*** provides a consistent, coordinated and improved approach to addressing the state and regional vulnerability to the hurricane threat.

The specific purpose of this Atlas is to provide maps which depict storm tide heights and the extent of stillwater, storm surge coastal flooding inundation from hurricanes of five different intensities in the Southwest Florida area. The Atlas was prepared by the Southwest Florida Regional Planning Council as part of the *Statewide Regional Evacuation Study Program*. The Study is a cooperative effort of the Florida Department of Community Affairs, Division of Emergency Management, the Florida Regional Planning Councils and the county emergency management agencies.



Figure 1 The Southwest Florida Region



THE SLOSH MODEL

The principal tool utilized in this study for analyzing the expected hazards from potential hurricanes affecting the study area is the Sea, Lake and Overland Surges

from Hurricane (**SLOSH**) numerical storm surge prediction model. The SLOSH computerized model predicts the storm tide heights that result from hypothetical hurricanes with selected various combinations of pressure, size, forward speed, track and winds. Originally developed for use by the National Hurricane Center (NHC) as a tool to give geographically specific warnings of expected surge heights during the approach of hurricanes, the SLOSH model is utilized in regional studies for several key hazard and vulnerability analyses.

The SLOSH modeling system consists of the model source code and the model basin or grid. SLOSH model grids must be developed for each specific geographic coastal area individually incorporating the unique local bay and river configuration, water depths, bridges, roads and other physical features. In addition to open coastline heights, one of the most valuable outputs of the SLOSH model for evacuation planning is its predictions of surge heights over land into inland areas.

The first Southwest Florida SLOSH model basin was completed in 1979 and represented the first application of SLOSH storm surge dynamics to a major coastal area of the United States. The model was developed by the Techniques Development Lab of the National Oceanic and Atmospheric Administration (NOAA) under the direction of the late Dr. Chester P. Jelesnianski. In December 1990 the National Hurricane Center updated the SLOSH model for the Southwest basin. A major improvement to the model was the incorporation of wind speed degradation overland as the simulated storms moved inland. This duplicated the pressure "filling" and increases in the radii of maximum winds (RMW) as the hurricanes weaken after making landfall.

The newest generation of the SLOSH model basin incorporated in the 2010 Statewide Regional Evacuation Study reflects major improvements, including higher resolution basin data and grid configurations. Faster computer speeds allowed additional hypothetical storms to be run for creation of the MOMs¹ or the maximum potential storm tide values for each category of storm.

Hypothetical Storm Simulations

Surge height depends strongly on the specifics of a given storm including, forward speed, angle of approach, intensity or maximum wind speed, storm size, storm shape, and landfall location. The SLOSH model was used to develop data for various combinations of hurricane strength, wind speed, and direction of movement. Storm strength was modeled using the central pressure (defined as the difference between the ambient sea level pressure and the minimum value in the storm's center), the storm eye size and the radius of maximum winds using the five categories of hurricane intensity as depicted in the Saffir-Simpson Hurricane Wind Scale (see Table 1).

¹ Maximum of MEOWs

Table 1 Saffir-Simpson Hurricane Wind Scale

Category	Wind Speeds	Potential Damage
Category 1	(Sustained winds 74-95 mph)	<i>Very dangerous winds will produce some damage</i>
Category 2	(Sustained winds 96-110 mph)	<i>Extremely dangerous winds will cause extensive damage</i>
Category 3	(Sustained winds 111-130 mph)	<i>Devastating damage will occur</i>
Category 4	(Sustained winds 131-155 mph)	<i>Catastrophic damage will occur</i>
Category 5	(Sustained winds of 156 mph and above)	<i>Catastrophic damage will occur</i>

The modeling for each tropical storm/hurricane category was conducted using the mid-range pressure difference (Δp , millibars) for that category. The model also simulates the storm filling (weakening upon landfall) and radius of maximum winds (RMW) increase.

Ten storm track headings (WSW, W, WNW, NW, NNW, N, NNE, NE, E, ENE) were selected as being representative of storm behavior in the West Central Florida regions, based on observations by forecasters at the National Hurricane Center. And for each set of tracks in a specific direction storms were run at forward speeds of 5, 10, 15 and 25 mph. And, for each direction, at each speed, storms were run at two different sizes (20 statute mile radius of maximum winds and 35 statute miles radius of maximum winds.) Finally, each scenario was run at both mean tide and high tide. Both tide levels are now referenced to North American Vertical Datum of 1988 (NAVD88) as opposed to the National Geodetic Vertical Datum of 1929 (NGVD29) used in the previous study.

A total of 12,000 runs were made consisting of the different parameters shown in Table 2.

Table 2 Southwest Florida Basin Hypothetical Storm Parameters

Directions, speeds, (Saffir/Simpson) intensities, number of tracks and the number of runs.

Direction	Speeds (mph)	Size (Radius of Maximum winds)	Intensity	Tides	Tracks	Runs
WSW	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	18	1440
W	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	14	1120
WNW	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	16	1280
NW	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	14	1120
NNW	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	14	1120
N	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	10	800
NNE	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	13	1040
NE	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	17	1360
ENE	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	17	1360
E	5, 10, 15, 25 mph	20 statute miles; 35 statute miles	1 through 5	Mean/High	17	1360
TOTAL						12,000

The Grid for the Southwest SLOSH Model

Figure 2 illustrates the area covered by the grid for the Southwest SLOSH Model. To determine the surge values the SLOSH model uses a bipolar elliptical grid as its unit of analysis with 105 arc lengths ($1 < I < 105$) and 99 radials ($1 < J < 99$). Use of the grid configuration allows for individual calculations per grid square which is beneficial in two ways: (1) provides increased resolution of the storm surge at the coastline and inside the harbors, bays and rivers, while decreasing the resolution in the deep water where detail is not as important; and (2) allows economy in computation.

The grid size for the Southwest model varies from approximately 0.001 square miles or 1.08 acres closest to the pole ($I = 1$) to the grids on the outer edges (Gulf of Mexico) where each grid is approximately 15.5 square miles.

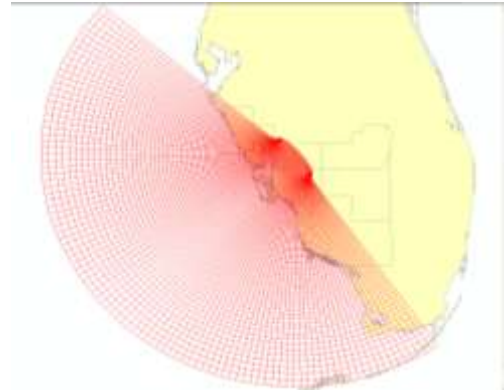


Figure 2 Southwest Basin Grid

Storm Scenario Determinations

As indicated, the SLOSH model is the basis for the "hazard analysis" portion of coastal hurricane evacuation plans. Thousands of hypothetical hurricanes are simulated with various Saffir-Simpson Wind categories, forward speeds, landfall directions, and landfall locations. An envelope of

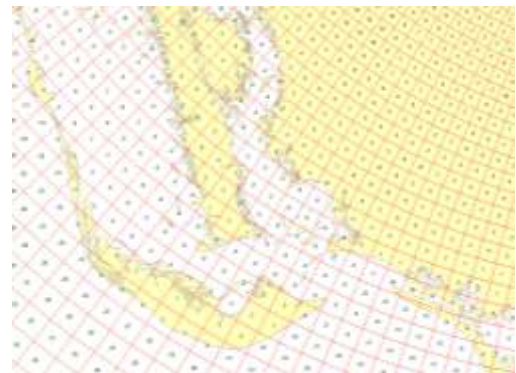


Figure 3 SLOSH Grid with Surge Values

high water containing the maximum value a grid cell attains is generated at the end of each model run. These envelopes are combined by the NHC into various composites which depict the possible flooding. One useful composite is the MEOW (Maximum Envelope of Water) which incorporates all the envelopes for a particular category, speed, and landfall direction. Once surge heights have been determined for the appropriate grids, the maximum surge heights are plotted by storm track and tropical storm/hurricane category. These plots of maximum surge heights for a given storm category and track are referred to as Maximum Envelopes of Water (MEOWs). The MEOWs or Reference Hurricanes can be used in evacuation decision making when and if sufficient forecast information is available to project storm track or type of storm (different landfalling, paralleling, or exiting storms).

The MEOWs provide information to the emergency managers in evacuation decision making. However, in order to determine a scenario which may confront the county in a hurricane threat 24-48 hours before a storm is expected, a further compositing of the MEOWs into Maximums of the Maximums (MOMs) is usually required.

The MOM (Maximum of the MEOWs) combines all the MEOWs of a particular category. The MOMs represent the maximum surge expected to occur at any given location, regardless of the specific storm track/direction of the hurricane. The only variable is the intensity of the hurricane represented by category strength (Category 1-5).

The MOM surge heights, which were furnished by the National Hurricane Center, have 2 values, mean tide and high tide. **Mean tide has 0' tide correction. High tide has a 1' tide correction added to it.** The Storm Tide limits include the adjustment for mean high tide. All elevations are now referenced to the NAVD88 datum.

These surge heights were provided within the SLOSH grid system as illustrated on Figure 2. The range of maximum surge heights (low to high) for each scenario is provided for each category of storm (MOM) on Table 3. **It should be noted again that these surge heights represent the maximum surge height recorded in the county from the storm tide analysis including inland and back bay areas where the surge can be magnified dependent upon storm parameters.**

Table 3 Potential Storm Tide Height (s) by County

(In Feet above NAVD88)

*Storm Strength	Charlotte	Collier	Lee	Sarasota	Lake O 16ft	Lake O 20ft
TS	Up to 5.2	Up to 5.8	Up to 6.1	Up to 5.6	NA	NA
1	Up to 7	Up to 8.2	Up to 8.7	Up to 6.9	Up to 21.1	Up to 25
2	Up to 17	Up to 14.1	Up to 15.5	Up to 15.4	Up to 26.6	Up to 30.6
3	Up to 26	Up to 19.5	Up to 23	Up to 26	Up to 33.2	Up to 35.5
4	Up to 32.3	Up to 24.5	Up to 27.6	Up to 33.2	Up to 36.4	Up to 37.2
5	Up to 37.7	Up to 41.9	Up to 41.7	Up to 35.4	Up to 38.9	Up to 40

* Based on the category of storm on the Saffir-Simpson Hurricane Wind Scale

** Surge heights represent the maximum values from SLOSH MOMs

CREATION OF THE STORM TIDE ZONES

The maps in this atlas depict SLOSH-modeled heights of storm tide and extent of flood inundation for hurricanes of five different intensities. As indicate above, the storm tide was modeled using the Maximum of Maximums (MOMs) representing the potential flooding from the five categories of storm intensity of the Saffir/Simpson Hurricane Wind Scale.

Determining Storm tide Height and Flooding Depth

SLOSH and SLOSH-related products reference storm tide heights relative to the model vertical datum, NAVD88. In order to determine the inundation depth of surge flooding at a particular location the ground elevation (relative to NAVD88) at that location must be subtracted from the potential surge height.²

Surge elevation, or water height, is the output of the SLOSH model. At each SLOSH grid point, the maximum surge height is computed at that point.

Within the SLOSH model an average elevation is assumed within each grid square. Height of water above terrain was not calculated using the SLOSH average grid elevation because terrain height may vary significantly within a SLOSH grid square. For example, the altitude of a 1-mile grid square may be assigned a value of 1.8 meters (6 feet), but this value represents an average of land heights that may includes values

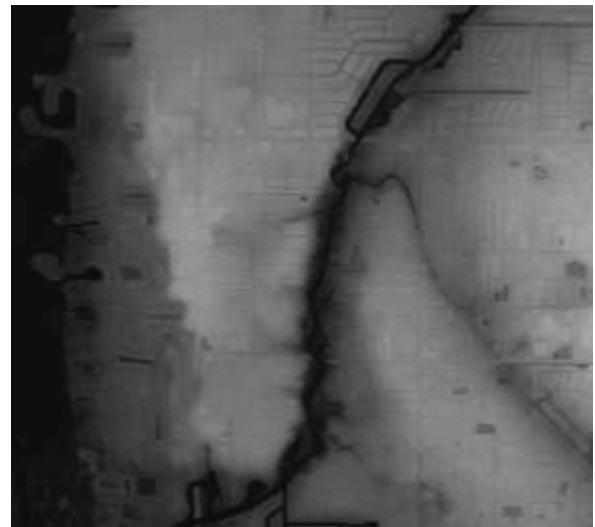


Figure 4 Digital Elevation from LIDAR

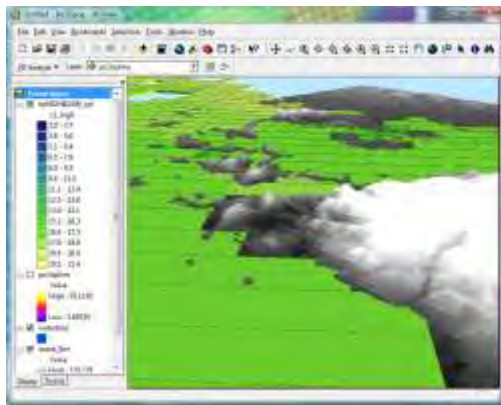
ranging from 0.9 to 2.7 meters (3 to 9 feet). In this case, a surge value of 2.5 meters (8 feet) in this square would imply a 0.7 meters (2 feet) average depth of water over the grid's terrain. However, in reality within the grid area portion of the grid would be "dry" and other parts could experience as much as 1.5 meters (5 feet) of inundation. Therefore, in order to determine the storm tide limits, the depth of surge flooding above terrain at a specific site in the grid square is the result of subtracting the terrain height determined by remote sensing from the model-generated storm tide height in that grid square.³

² It is important to note that one must use a consistent vertical datum when post-processing SLOSH storm surge values

³ Note: This represents the regional post-processing procedure. When users view SLOSH output within the SLOSH Display Program, the system uses average grid cell height when subtracting land.

Storm Tide Post-Processing

The Atlas was created using a Toolset wrapped into ESRI's ArcGIS mapping application, ArcMap. The surge tool was developed for the Statewide Regional Evacuation Study Program by the Tampa Bay Regional Planning Council, who had used a similar tool for the previous Evacuation Study Update (2006). This tool enabled all regions within the state of Florida to process the SLOSH and elevation data with a consistent methodology.



The tool basically performs the operation of translating the lower resolution SLOSH grid data into a smooth surface resembling actual storm tide and terrain; processing it with the high resolution elevation data derived from LIDAR. The image on the left represents how the data would look as it appears directly from SLOSH Model output.

Processing all the data in the raster realm, the tool is able to digest large amounts of data and output detailed representations of surge inundation.

Figure 5 SLOSH Display

The program first interpolates the SLOSH height values for each category into a raster surface using spline interpolation. This type of interpolation is best for smooth surfaces, such as water and slow changing terrain. The result is a raster surface representing the surge height for a category that can be processed against the raster Digital Elevation Model from the LIDAR. The "dry" values (represented as 99.9 in the SLOSH Model) are replaced by an average of the inundated grids surrounding current processed grid. An algorithm performs this action utilizing the range of values in the current category of storm being processed.

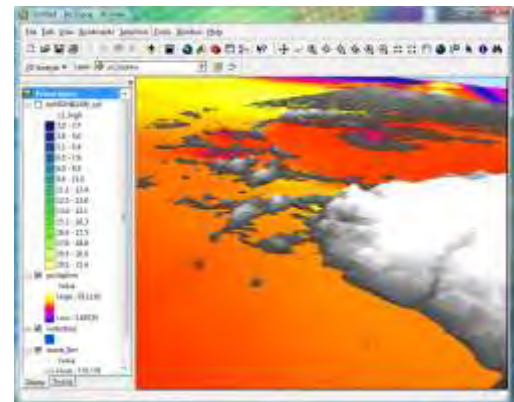
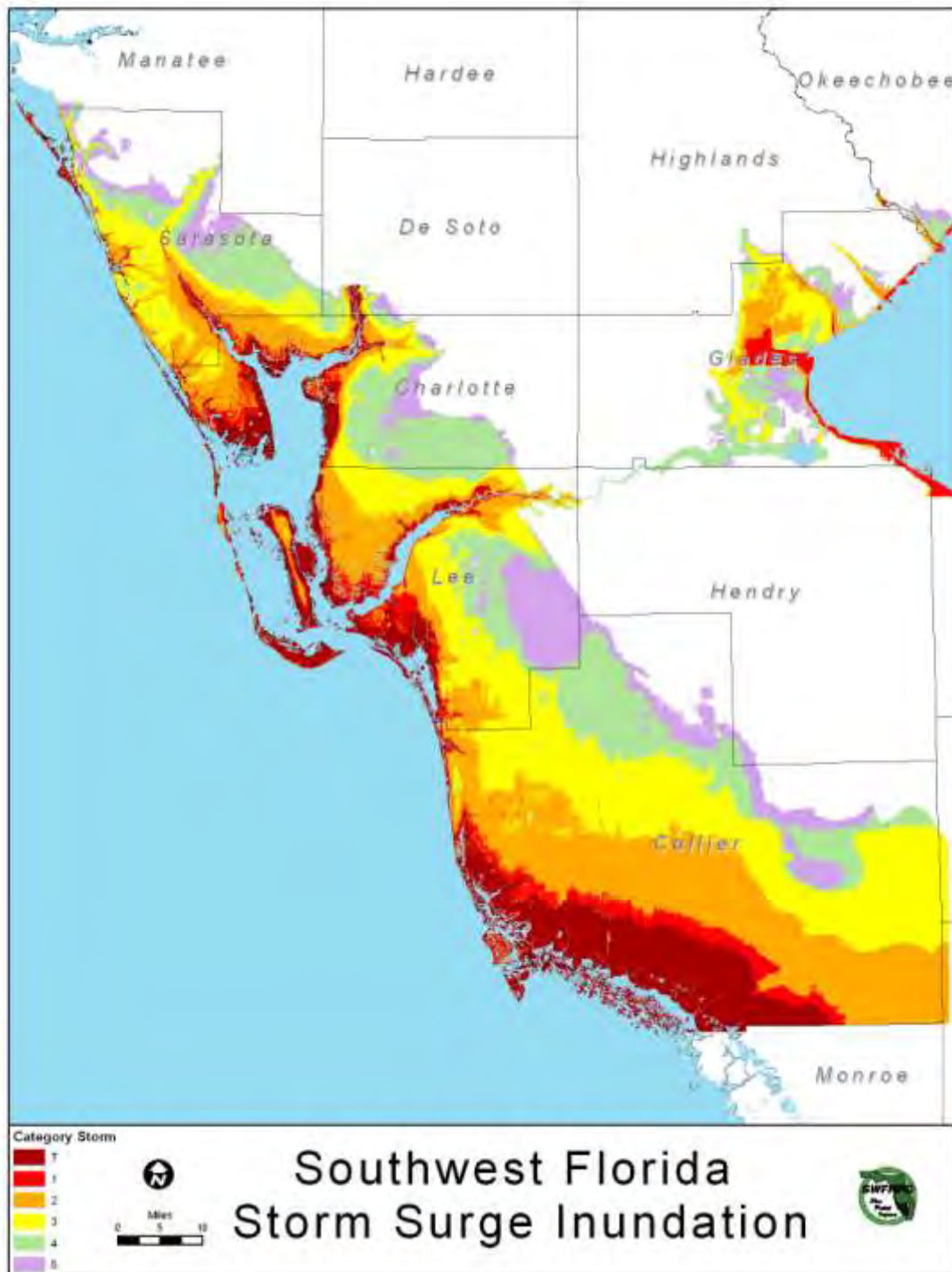


Figure 6 SLOSH Display Post-Processing

Using this methodology, once the elevation is subtracted from the projected storm tide, the storm tide limits are determined. The output of the tool is a merged polygon file holding all the maximum inundation zones for Tropical Storm through Category 5. The output, depicted in this Storm Tide Atlas is determined consistent with the coastal areas throughout the state. Figure 7 presents a compilation of the *Storm Tide Atlas* for the region.

Figure 7 Storm Surge for the Southwest Region

VARIATIONS TO CONSIDER

Variations between modeled versus actual measured storm tide elevations are typical of current technology in coastal storm surge modeling. In interpreting the data emergency planners should recognize the uncertainties characteristic of mathematical models and severe weather systems such as hurricanes. The storm tide elevations developed for this study and presented in the ***Storm Tide Atlas*** should be used as guideline information for planning purposes.

Storm Tide & Wave Height

Regarding interpretation of the data, it is important to understand that the configuration and depth (bathymetry) of the Gulf bottom will have a bearing on surge and wave heights. A narrow shelf, or one that drops steeply from the shoreline and subsequently produces deep water in close proximity to the shoreline, tends to produce a lower surge but a higher and more powerful wave. Those regions, like the Southwest Region, which have a gently sloping shelf and shallower normal water depths, can expect a higher surge but smaller waves. The reason this occurs is because a surge in deeper water can be dispersed down and out away from the hurricane. However, once that surge reaches a shallow gently sloping shelf it can no longer be dispersed away from the hurricane, consequently water piles up as it is driven ashore by the wind stresses of the hurricane. Wave height is NOT calculated by the SLOSH model and is not reflected within the storm tide delineations.

Forward Speed

Under actual storm conditions it may be expected that a hurricane moving at a slower speed could have higher coastal storm tides than those depicted from model results. At the same time, a fast moving hurricane would have less time to move storm surge water up river courses to more inland areas. For example, a minimal hurricane or a storm further off the coast such as Hurricane Elena (1985), which stalled 90 miles off the Tampa Bay coast for several tidal cycles, could cause extensive beach erosion and move large quantities of water into interior lowland areas. In the newest version of the Southwest SLOSH model, for each set of tracks in a specific direction, storms were run at forward speeds of 5, 10, 15 and 25 mph.

Radius of Maximum Winds

As indicated previously, the size of the storm or radius of maximum winds (RMW) can have a significant impact on storm surge especially in bay areas and along the Gulf of Mexico. All of the hypothetical storms were run at two different sizes, 20 mile radius of maximum winds and 35 mile radius of maximum winds.

Astronomical Tides

Surge heights were provided by NOAA for both mean tide and high tide. Both tide levels are referenced to North American Vertical Datum of 1988. The storm tide limits reflect high tide in the region.

Accuracy

As part of the Statewide Regional Evacuation Study, all coastal areas as well as areas surrounding Lake Okeechobee were mapped using remote-sensing laser terrains mapping (LIDAR⁴) providing the most comprehensive, accurate and precise topographic data for this analysis. As a general rule, the vertical accuracy of the laser mapping is within a 15 centimeter tolerance. However, it should be noted that the accuracy of these elevations is limited to the precision and tolerance in which the horizontal accuracy for any given point is recorded. Other factors such as artifact removal algorithms (that remove buildings and trees) can affect the recorded elevation in a particular location. For the purposes of this study, the horizontal accuracy cannot be assumed to be greater than that of a standard USGS 7 minute quadrangle map, or a scale of 1:24,000.

POINTS OF REFERENCE

County emergency management agency selected reference points which include key facilities or locations critical for emergency operations. The table below includes the map identification number, descriptions of the selected points and the elevation of the site. The elevation is based on the digital elevation data provided by the LIDAR. It should be noted that if the site is large, elevations may vary significantly. The table also provides the storm tide value from the SLOSH value and the depth of inundation (storm tide value minus the ground elevation) at the site.

Table 4 Selected Points of Reference

ID	LOCATION	SURGE	BASE_ELEV	TS_DEPTH	C1_DEPTH	C2_DEPTH	C3_DEPTH	C4_DEPTH	C5_DEPTH
1	Chokoloskee Island	TS	3.36	1.95	3.32	8.34	12.63	16.43	24.74
2	Carnestown	TS	4.43	0.30	1.77	6.78	11.12	15.16	26.43
3	Royal Palm Hammock	TS	2.43	2.32	3.56	8.90	13.21	17.20	22.78
4	Goodland	TS	4.22	0.62	2.29	7.03	11.36	15.24	18.64
5	Marco Island	TS	4.22	0.43	2.07	6.66	10.88	14.63	18.03
6	Marco Bridge	TS	4.68	0.07	1.76	6.42	10.69	14.54	17.94
7	Isles of Capri	TS	4.11	0.63	2.36	7.03	11.34	15.16	18.42
8	CR 951 / US 41	2	9.74	DRY	DRY	2.29	6.69	10.39	13.64
9	Government Center	1	5.61	DRY	1.03	6.85	11.05	14.83	18.23
10	City of Naples / Four Corners	TS	4.52	0.47	2.21	7.90	12.04	15.84	19.24
11	Pine Ridge Rd / US 41	4	18.77	DRY	DRY	DRY	DRY	2.16	5.77
12	Naples Park	2	11.61	DRY	DRY	1.56	6.19	10.19	13.99
13	Wiggins Pass / Vanderbilt	1	8.04	DRY	0.00	5.24	10.02	14.02	17.88
14	Lely Barefoot Beach	TS	5.51	0.17	2.21	7.94	12.74	16.73	20.49
15	North Collier Hospital	2	9.12	DRY	DRY	4.04	8.68	12.72	16.52
16	Hyde Park Condominium	2	8.22	DRY	DRY	4.50	9.24	12.95	16.59
17	Clam Pass	TS	2.12	3.08	4.82	10.60	15.22	18.93	22.53
18	Doctors Pass	TS	3.89	0.96	2.58	8.48	12.68	16.59	19.98
19	Gordon Pass	TS	5.27	DRY	1.32	6.35	10.62	14.42	17.82
20	Collier YMCA	3	14.67	DRY	DRY	DRY	2.50	6.25	9.84
21	Vineyards Elementary School	3	12.14	DRY	DRY	0.12	5.22	9.19	13.59
22	Santa Barbara / Golden Gate Pkwy	2	10.87	DRY	DRY	1.42	5.98	9.54	13.68
23	Airport Pulling Rd / Golden Gate Pkwy	2	9.99	DRY	DRY	2.17	6.68	10.41	13.83
24	Bayview Park	TS	4.12	0.88	2.53	7.72	12.02	15.82	19.22

25	Roberts Bay	TS	4.28	0.48	2.02	6.52	10.80	14.59	17.98
26	Orangetree	4	19.00	DRY	DRY	DRY	DRY	2.35	15.60
27	I75 / Everglades Blvd	3	11.33	DRY	DRY	DRY	3.42	7.92	21.45
28	Naples Manor	1	6.32	DRY	0.53	5.85	10.20	13.94	17.24
29	Naples Shores	1	6.69	DRY	0.03	4.96	9.36	13.07	16.61
30	Port of the Islands	1	5.20	DRY	0.82	6.15	10.45	14.35	22.16
31	Everglades / Lynch Blvd	TS	4.47	DRY	1.41	6.91	11.23	15.25	23.18
32	Everglades City	TS	3.04	2.14	3.50	8.57	12.86	16.61	25.56
33	Lee Cypress	2	6.38	DRY	DRY	4.87	9.29	13.40	25.79
34	Ave Maria	4	21.02	DRY	DRY	DRY	DRY	0.83	19.72

STORM TIDE ATLAS

The surge inundation limits (MOM surge heights minus the ground elevations) are provided as GIS shape files and graphically displayed on maps in the *Hurricane Storm Tide Atlas for the Southwest Florida Region*. The *Atlas* was prepared by Southwest Florida Regional Planning Council under contract to the State of Florida, Division of Emergency Management, as part of this study effort. The maps prepared for the *Atlas* consist of base maps (1:24000) including topographic, hydrographic and highway files (updated using 2008 county and state highway data). Detailed shoreline and storm tide limits for each category of storm were determined using the region's geographic information system (GIS).

The purpose of the maps contained in this Atlas is to reflect a worst probable scenario of the hurricane storm tide inundation and to provide a basis for the hurricane evacuation zones and study analyses. While the storm tide delineations include the addition of an astronomical mean high tide and tidal anomaly, it should be noted that the data reflects only stillwater saltwater flooding. **Local processes such as waves, rainfall and flooding from overflowing rivers, are usually included in observations of storm tide height, but are not surge and are not calculated by the SLOSH model. It is incumbent upon local emergency management officials and planners to estimate the degree and extent of freshwater flooding as well as to determine the magnitude of the waves that will accompany the surge.**

Figure 8 provides an index of the map series.

NOTES ON STORM TIDE LIMITS

Historically, the SLOSH storm surge analysis had focused on "average" storm parameters (size and forward speed), although the intensity and angle of approach was modeled to include direct strikes and catastrophic intensity. In the 2010 Regional Evacuation Study Update, 12,000 hypothetical hurricanes were included in the SLOSH suite of storms modeled varying forward speeds and the radii of maximum winds to include the large storm events and different forward speeds. This allowed for the development of a truer picture of the storm surge vulnerability in the region. The **five categories of hurricane reflect a "worst probable" storm tide limit for hurricanes holding the wind speed constant** (consistent with the Saffir Simpson Hurricane Wind Scale) while varying storm parameters include size, forward speed, and angle of approach.







This has led to some confusion regarding evacuation decision-making since hurricane evacuations are based primarily on storm surge vulnerability. The National Oceanic and Atmospheric Administration (NOAA) is working to enhance the analysis and prediction of storm surge. Direct estimates of inundation are being communicated in the NHC's Public Advisories and in the Weather Forecast Office's (WFO) Hurricane Local Statements. NHC's probabilistic storm surge product, which provides the likelihood of a specific range of storm surge values, became operational in 2009, and the NWS Meteorological Development Laboratory is providing experimental, probabilistic storm surge products for 2010. In addition, coastal weather forecast offices will provide experimental Tropical Cyclone Impacts Graphics in 2010; these include a qualitative graphic on the expected storm surge

impacts. Finally, the NWS is exploring the possibility of issuing explicit Storm Surge Warnings which could be implemented in the next couple of years. In all of these efforts, the NWS is working to provide specific and quantitative information to support decision-making at the local level¹. NOAA continues to emphasize that the hurricane forecasts are not 100% accurate and dependent upon many factors.

Collier County

Legend

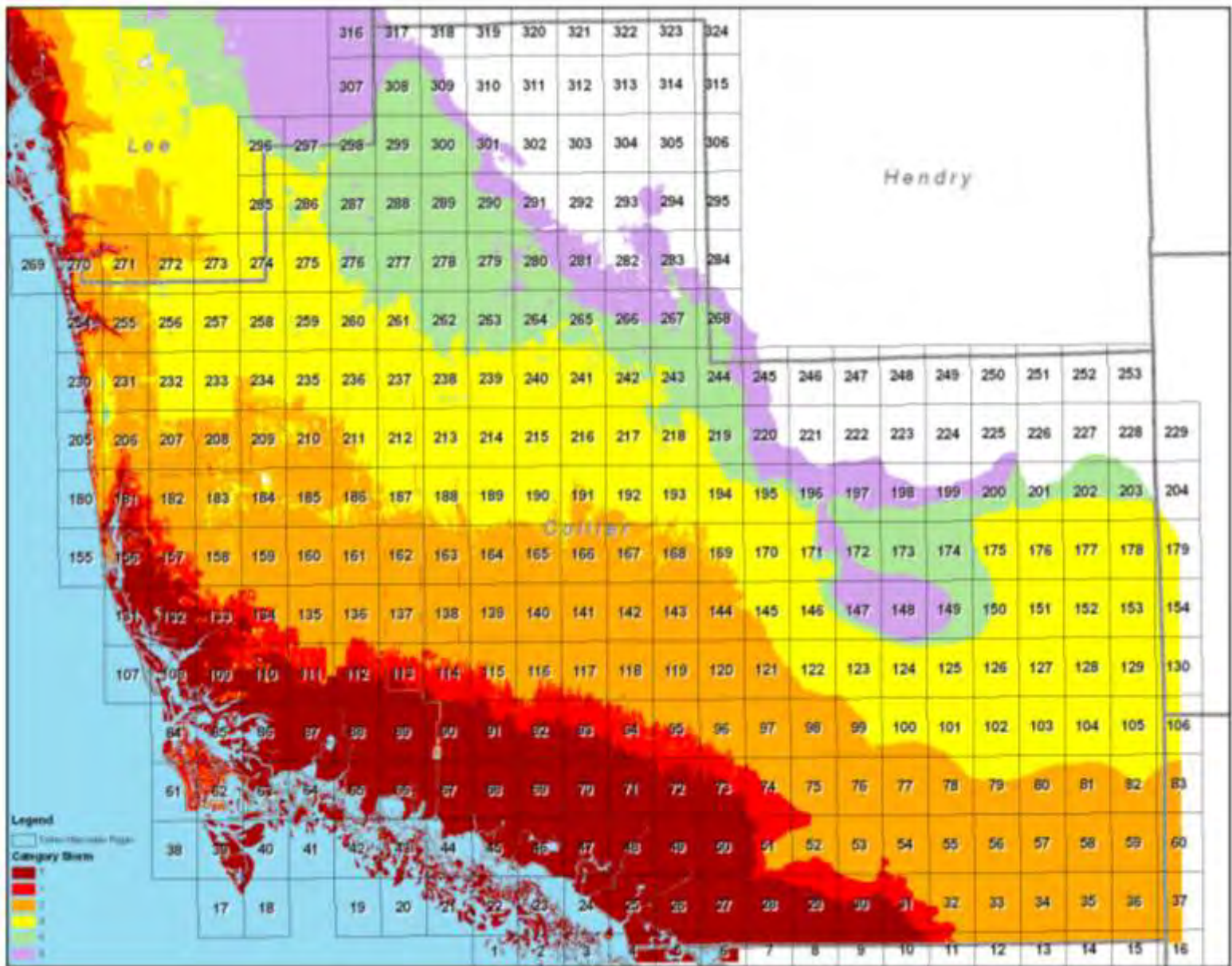
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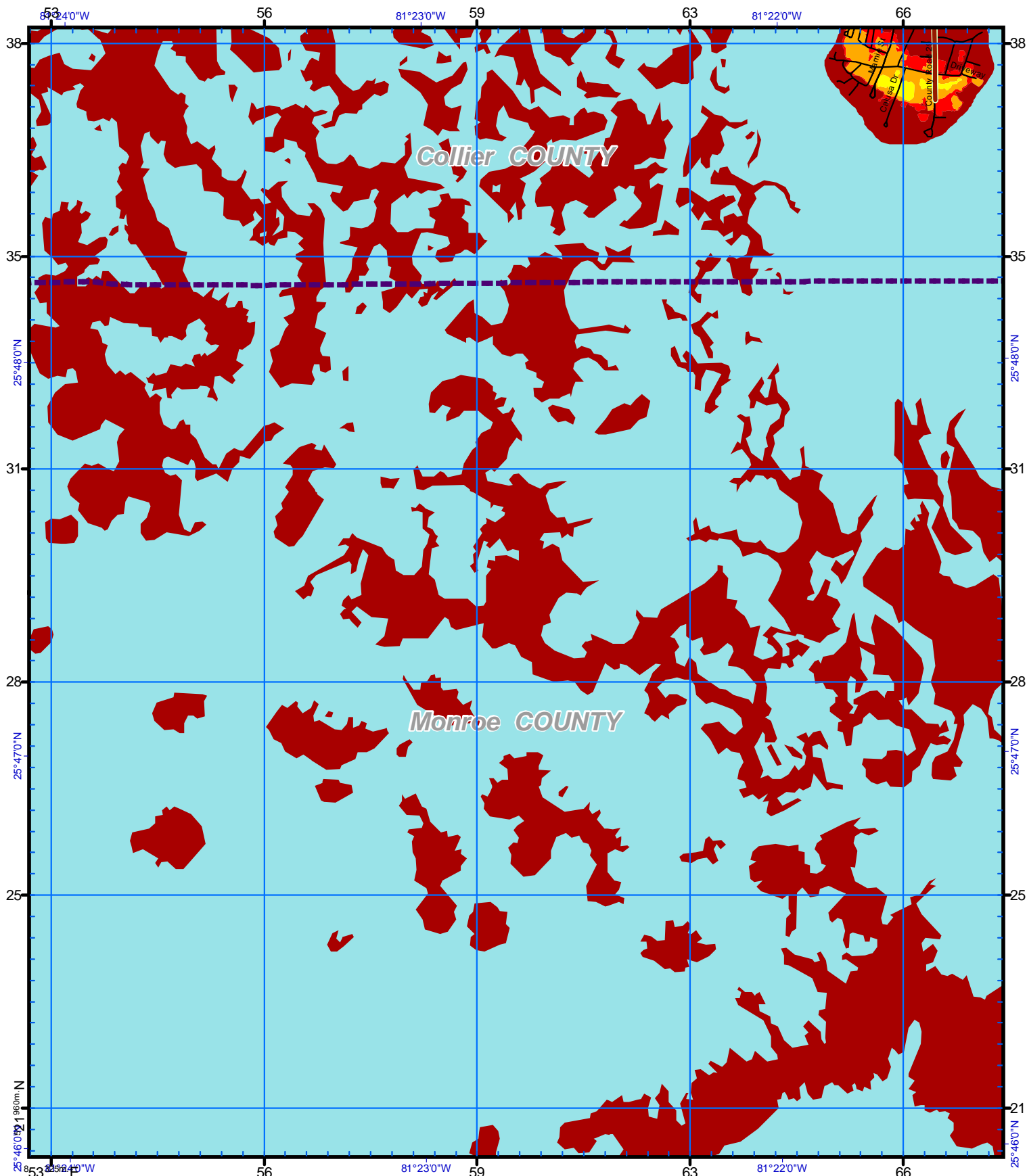
	TS: Up to 5.8 ft
	1 : Up to 8.2 ft
	2 : Up to 14.1 ft
	3 : Up to 19.5 ft
	4 : Up to 24.5 ft
	5 : Up to 41.9 ft

To the left are the storm tide limits identified for Collier County under the five (5) categories of hurricane on the Saffir Simpson Hurricane Wind Scale. It is important to recognize the following:

- The surge tide values represent the highest surge height elevation above a standard datum (NAVD88) predicted by the model in the entire county and will only be appropriate for selected areas.
- Typically the highest surge tide values are NOT the surge heights predicted at the coast. The highest storm tide values are typically experienced inside bays and up rivers and inlets (water above ground).
- Storm Tide ranges by category of storm are presented on Table 3 on page 16 of this document.
- For surge heights at specific locations, please refer to Table 4 on page 22 which provides the expected storm surge elevation at points of reference and the actual inundation (water depth) at that site.

¹http://www.nhc.noaa.gov/sshws_statement.shtml

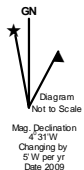
Figure 8 Collier County Atlas Map Index



US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



Notes:

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2. Total Storm Tide limits were derived from Maximum of Maximum surge heights over LIDAR based digital elevation.
3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

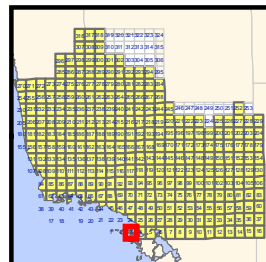
USNG Page 17R MJ 60 50

Map Plate 3

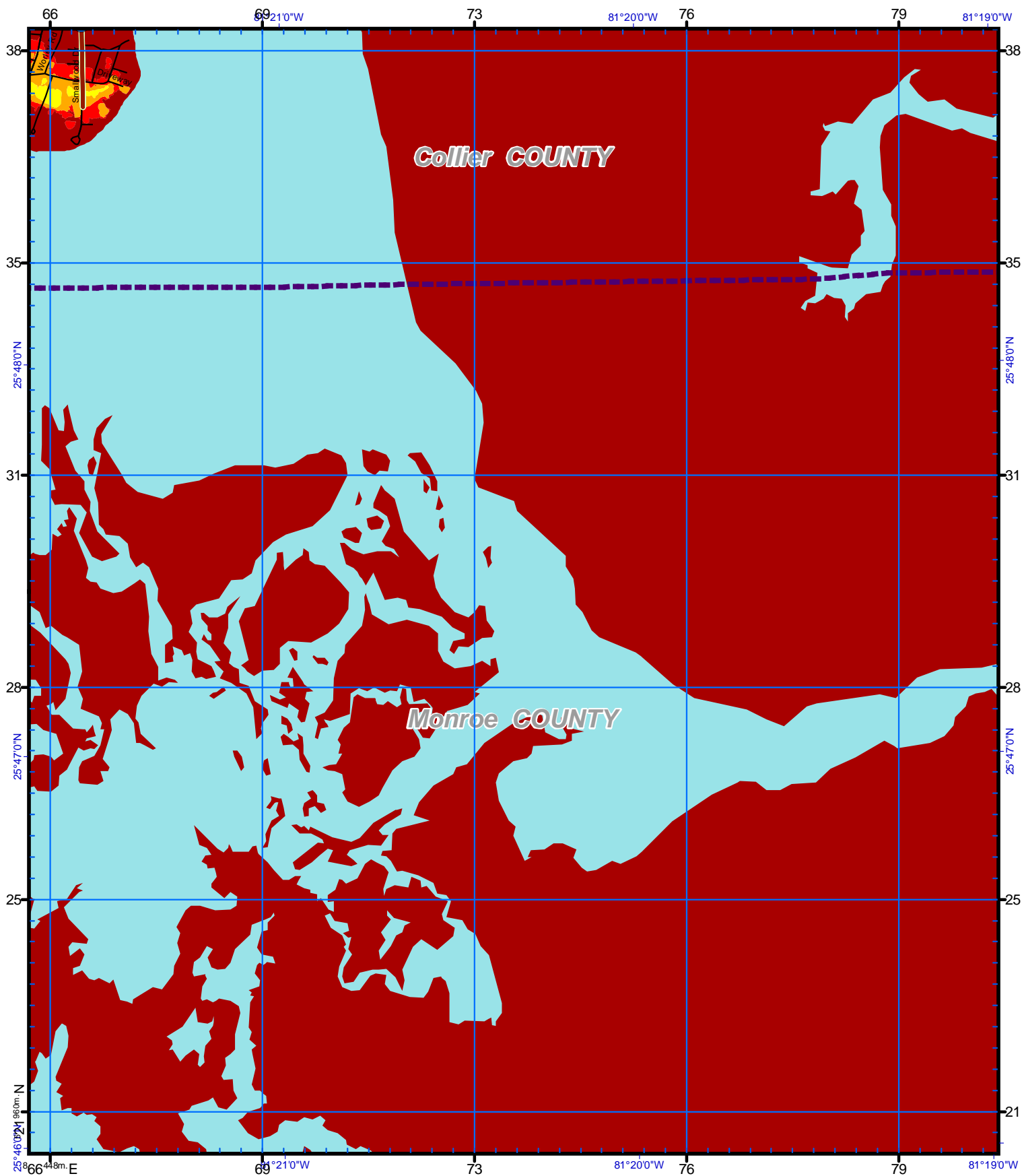
Page 27

Legend

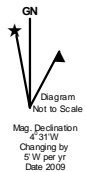
●	Ref Point	Cat	
H	HOSPITAL	TS	
—	City Limits	1	
—	Evac Route	2	
—	WATER	3	
		4	
		5	



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

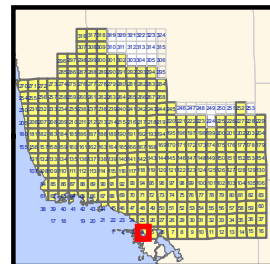
USNG Page 17R MJ 64 50

Map Plate 4

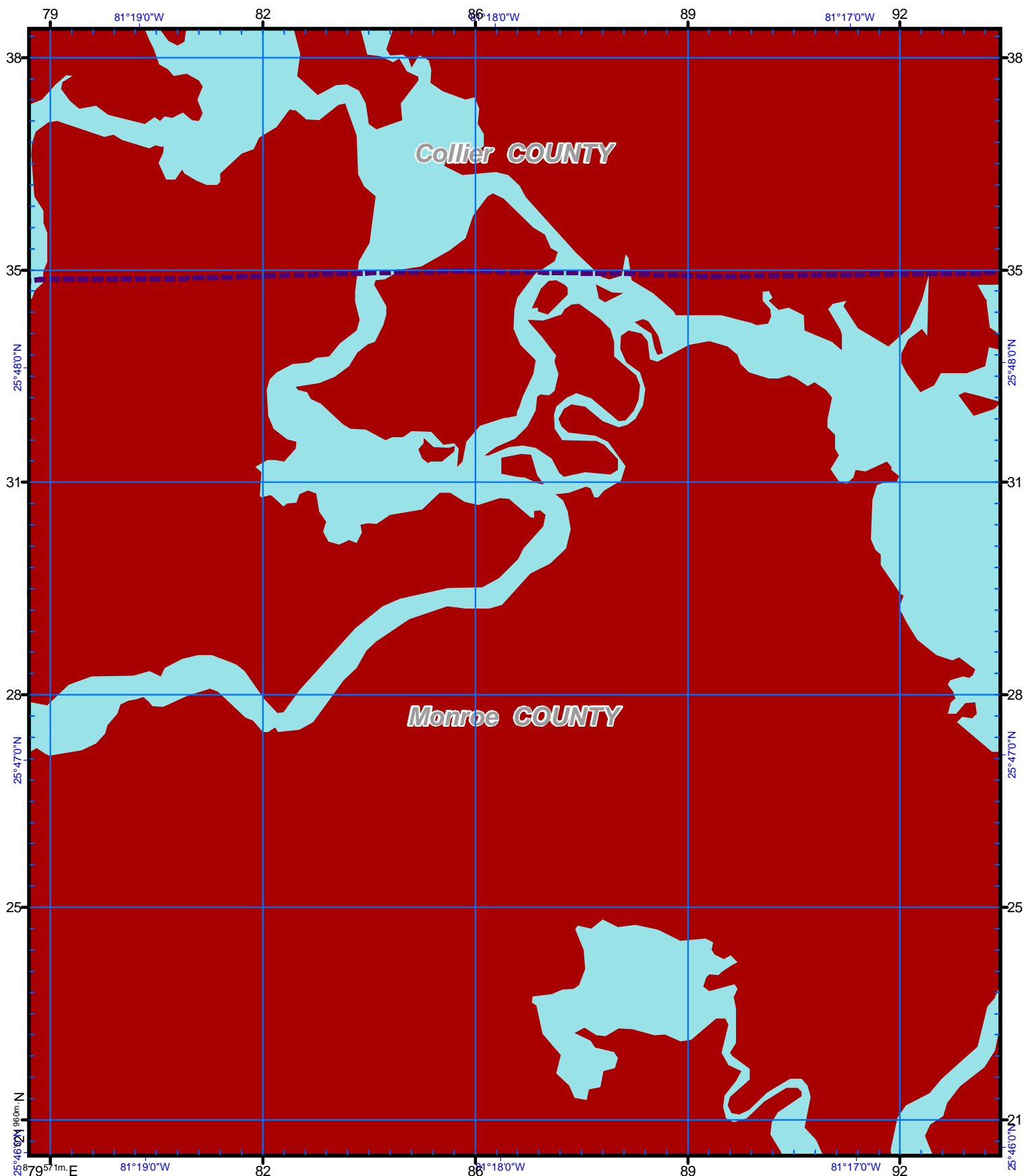
Page 28

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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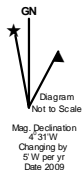


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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

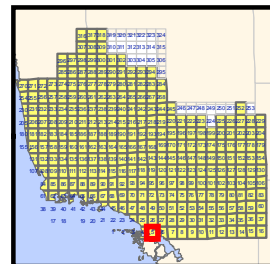
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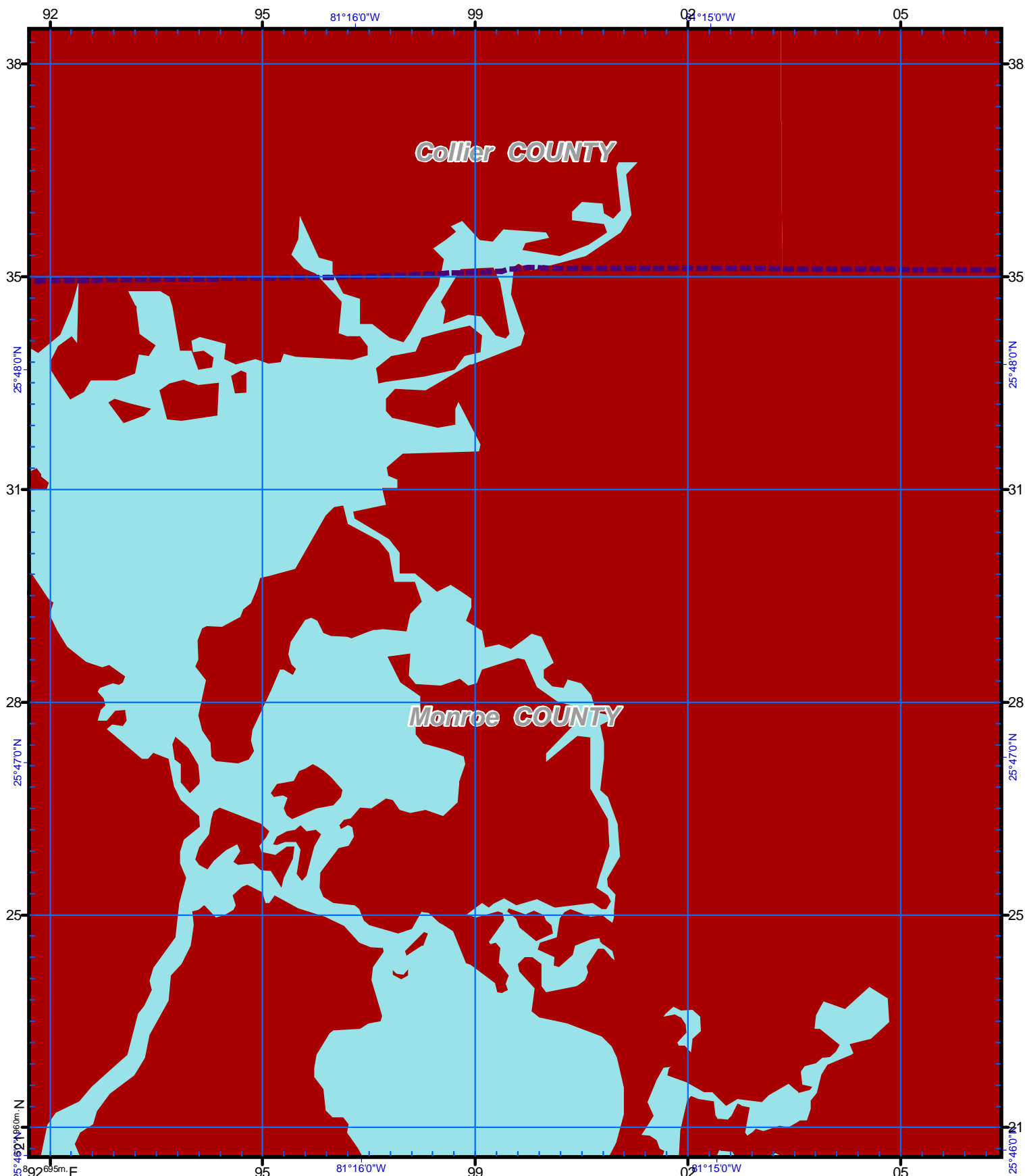
Map Plate 5

Page 29

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |

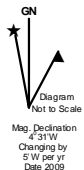




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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

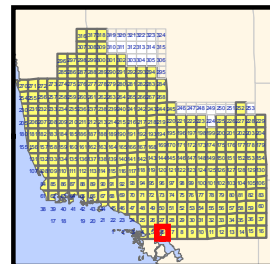
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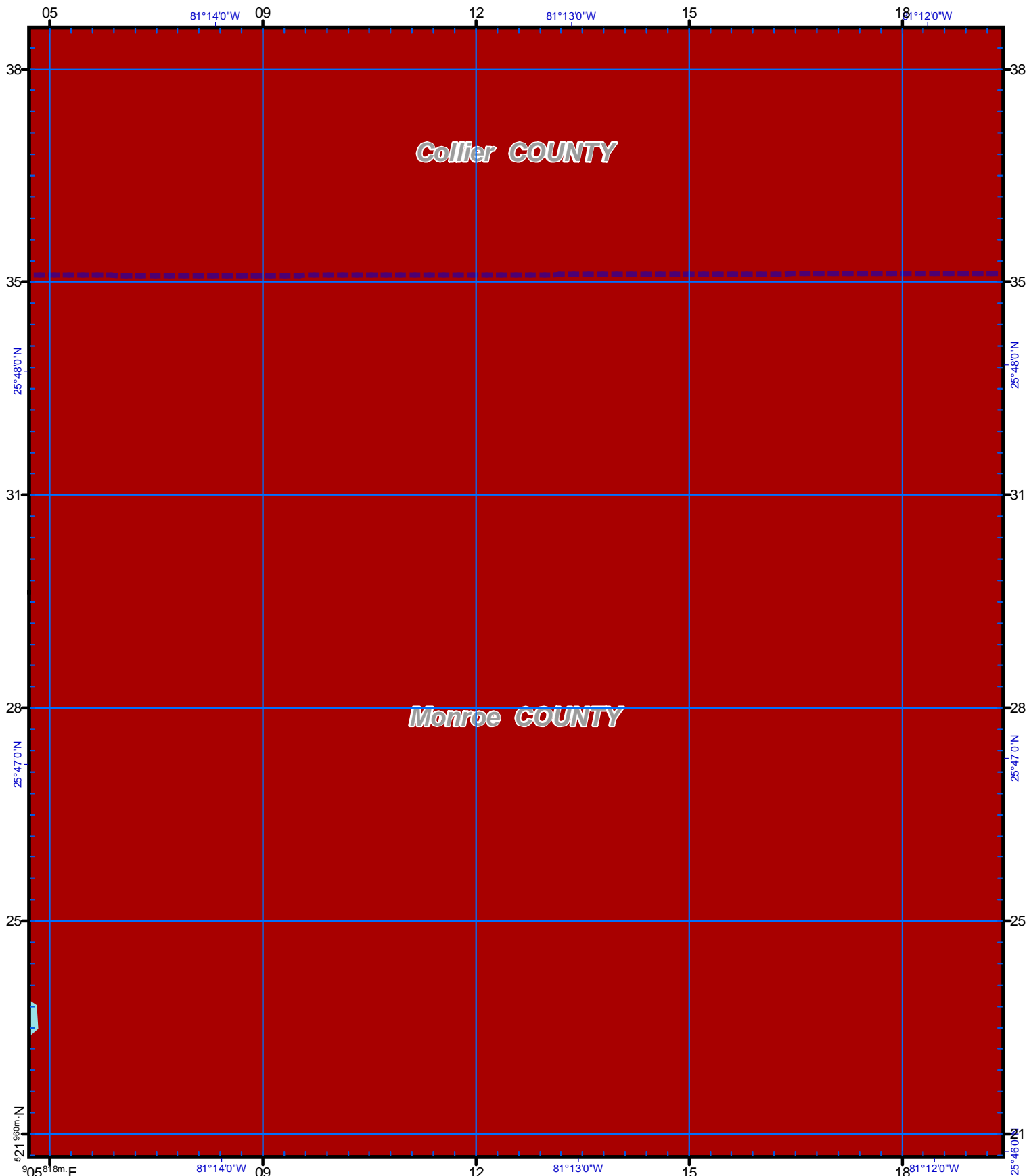
Map Plate 6

Page 30

Legend

●	Ref Point	Cat
H	HOSPITAL	TS
—	City Limits	1
—	Evac Route	2
—	WATER	3
		4
		5



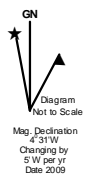


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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

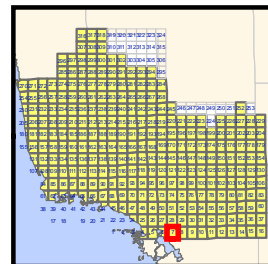
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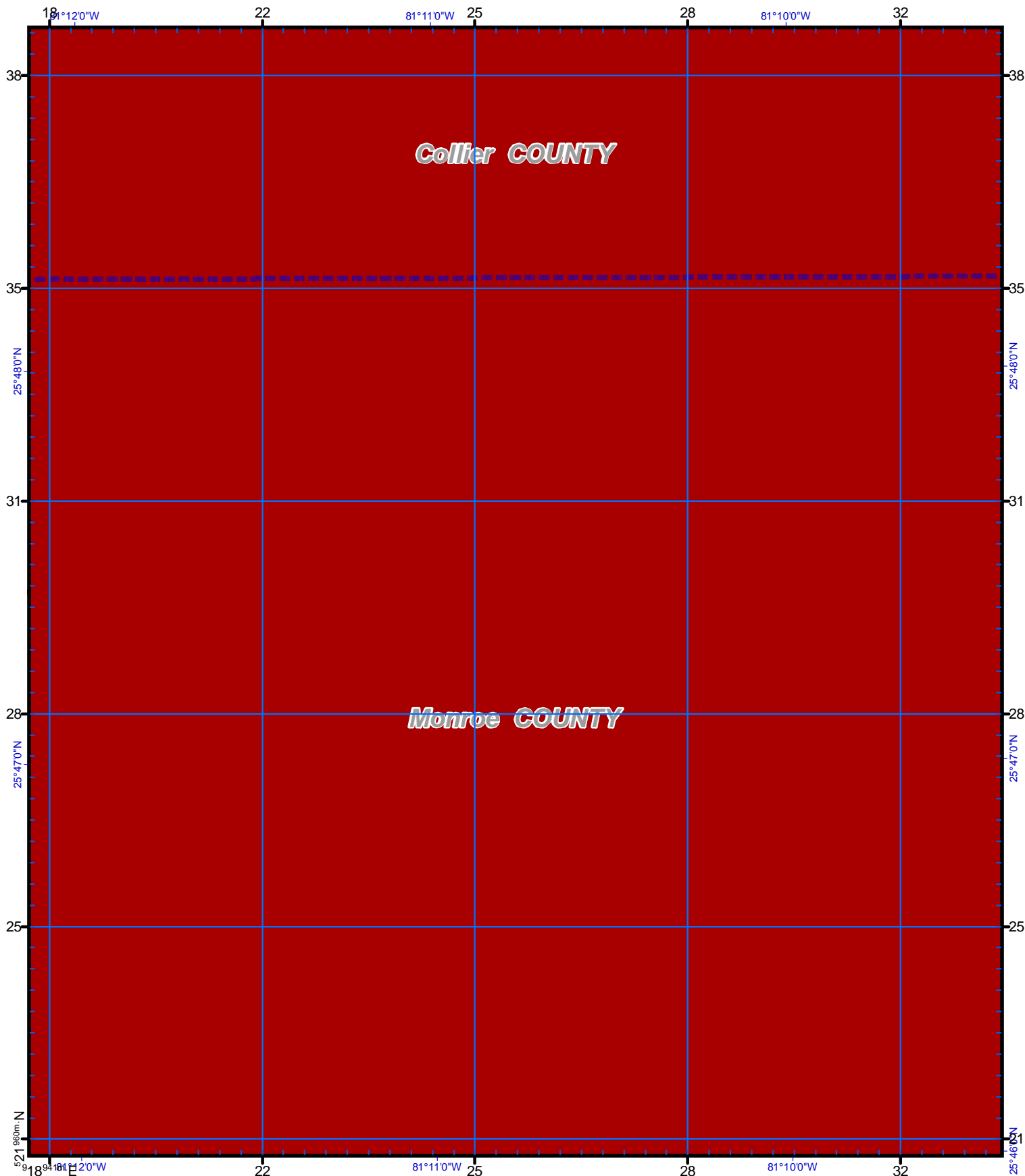
Map Plate **7**

Page 31

Legend

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□	City Limits	1
—	Evac Route	2
■	WATER	3
		4
		5



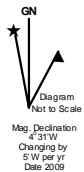


US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

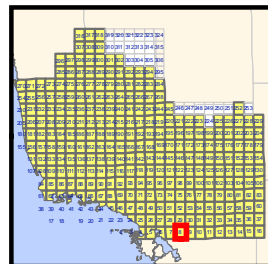
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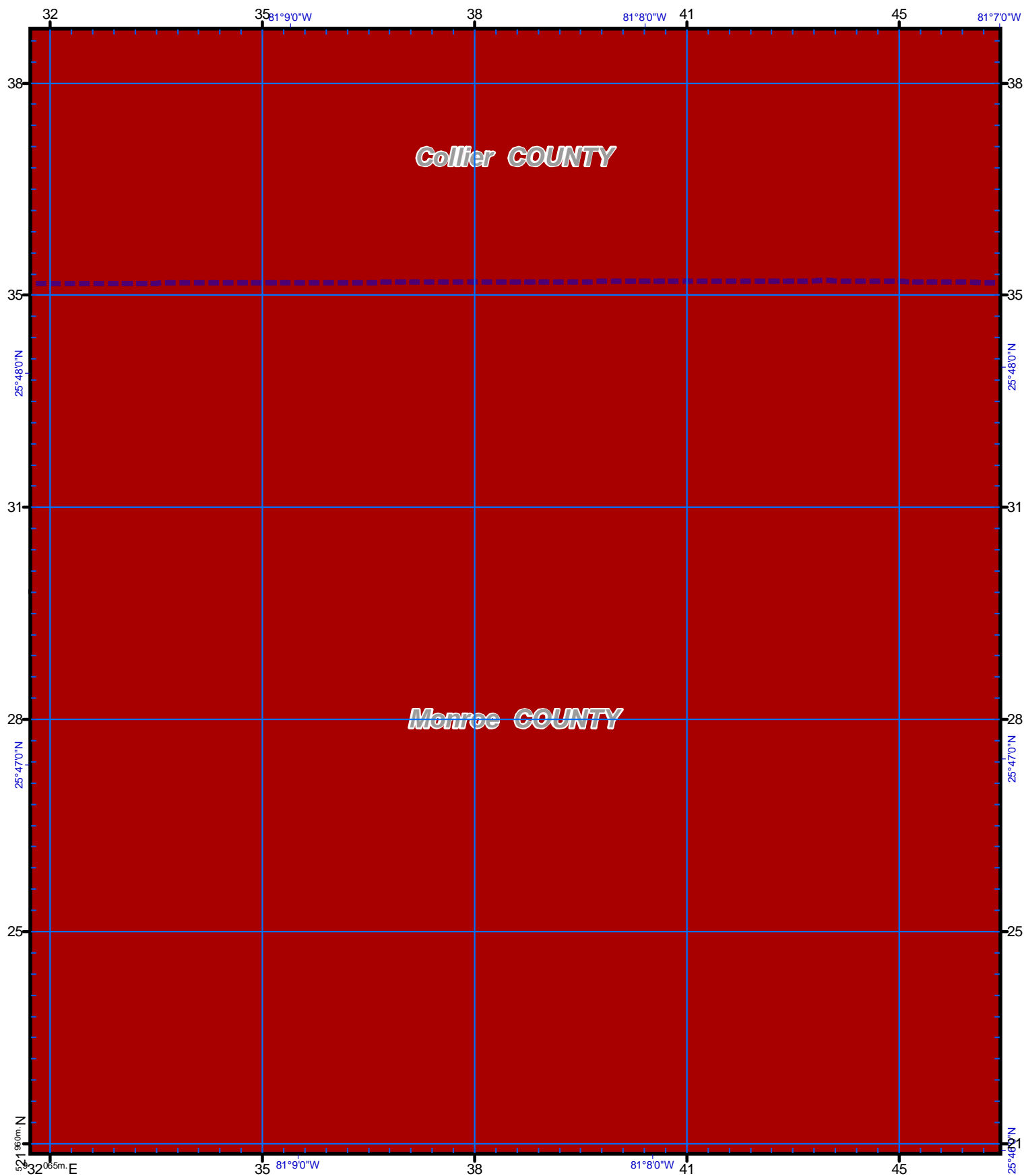
Map Plate **8**

Page 32

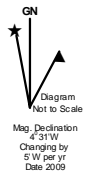
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●	Ref Point	Cat
H	HOSPITAL	TS
□	City Limits	1
—	Evac Route	2
□	WATER	3
		4
		5





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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

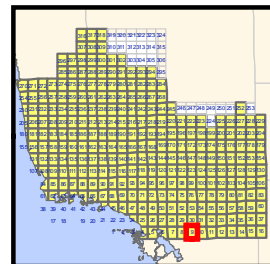
USNG Page 17R MJ 84 50

Map Plate 9

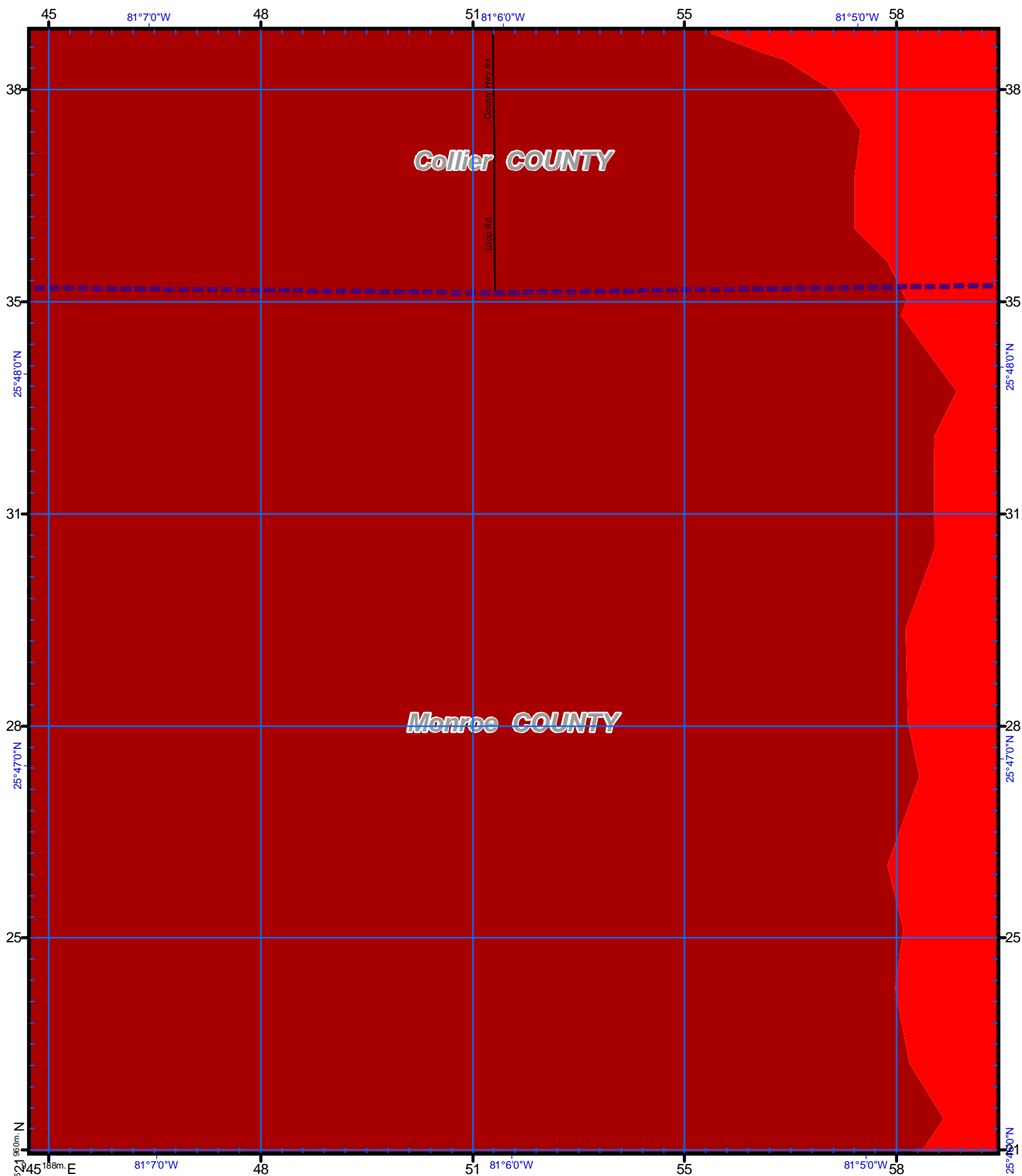
Page 33

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
City Limits		1	
Evac Route		2	
WATER		3	
		4	
		5	



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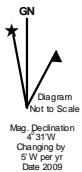


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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

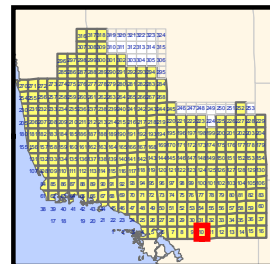
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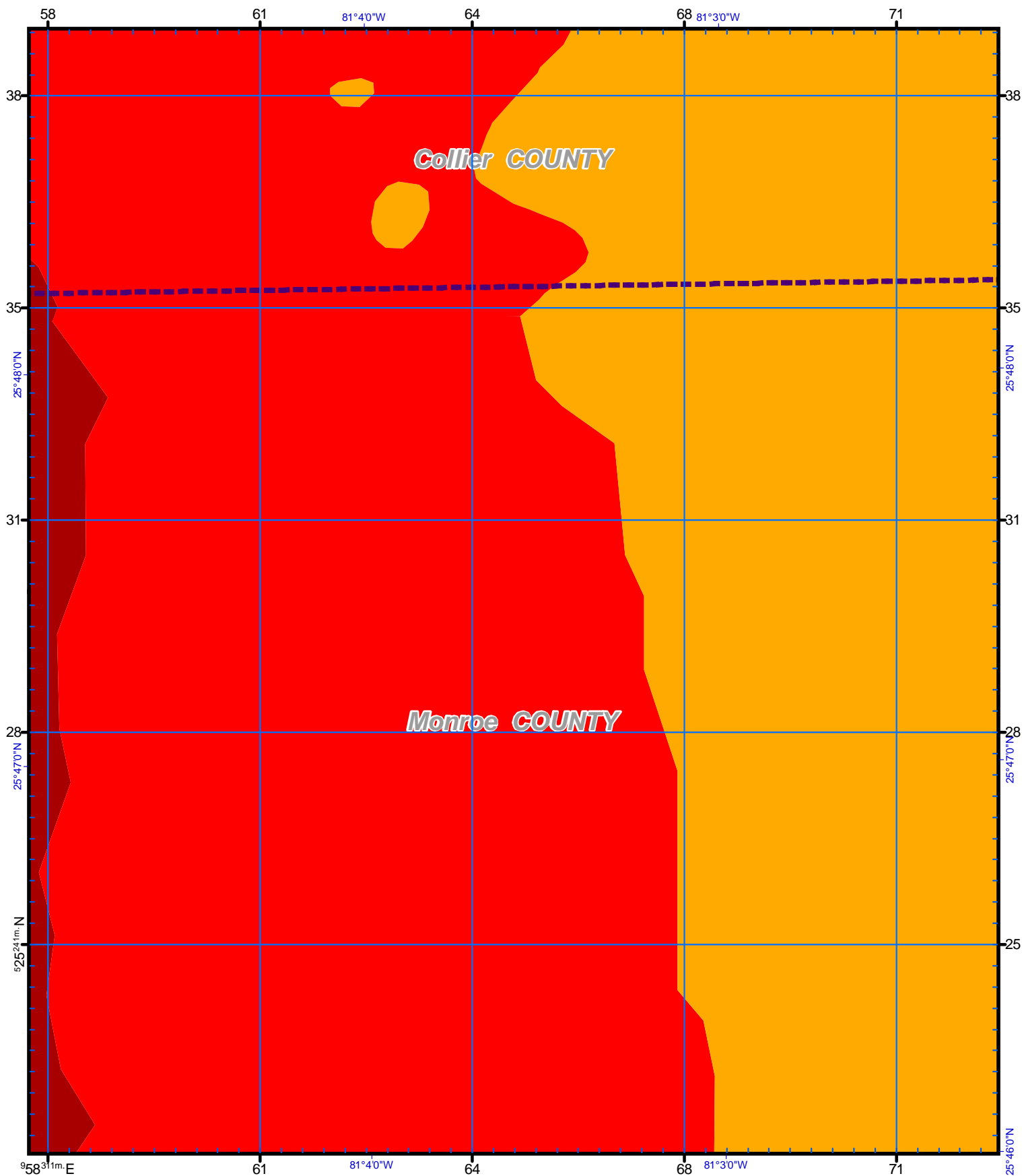
Map Plate **10**

Page 34

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |

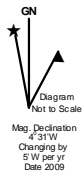




US National Grid
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Grid Zone Designation
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

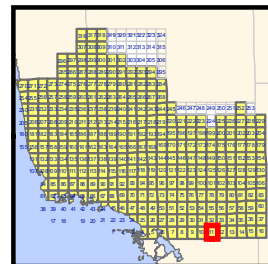
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Map Plate **11**

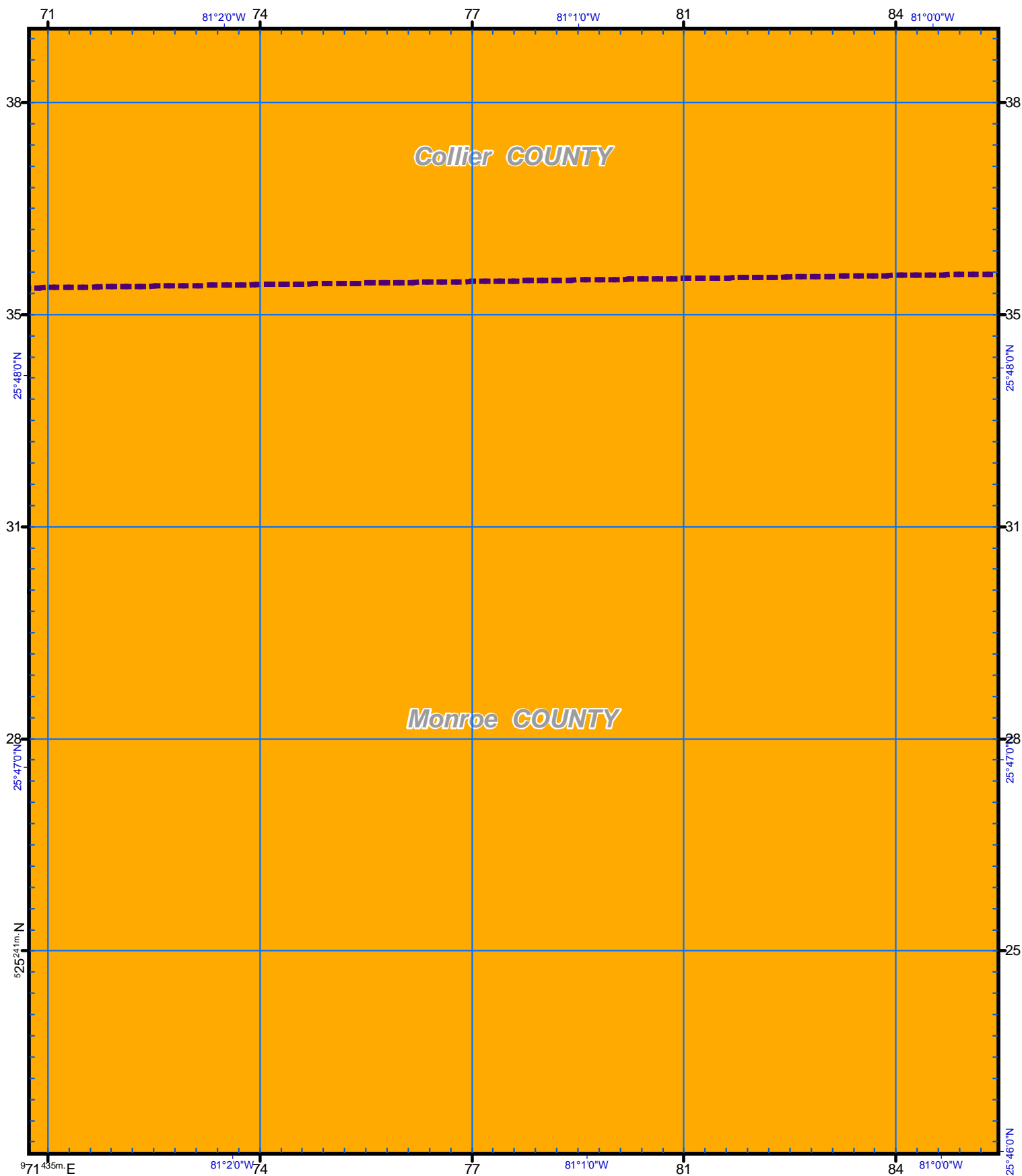
Page 35

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
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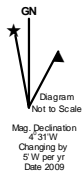
This map is for reference & planning purposes only.
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management implementation are local responsibilities.
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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



Notes:

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Storm Tide Zones
Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 96 50**

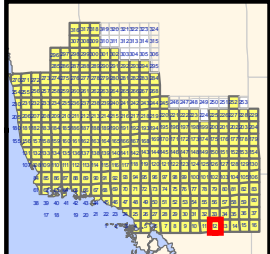
Map Plate **12**

Page 36

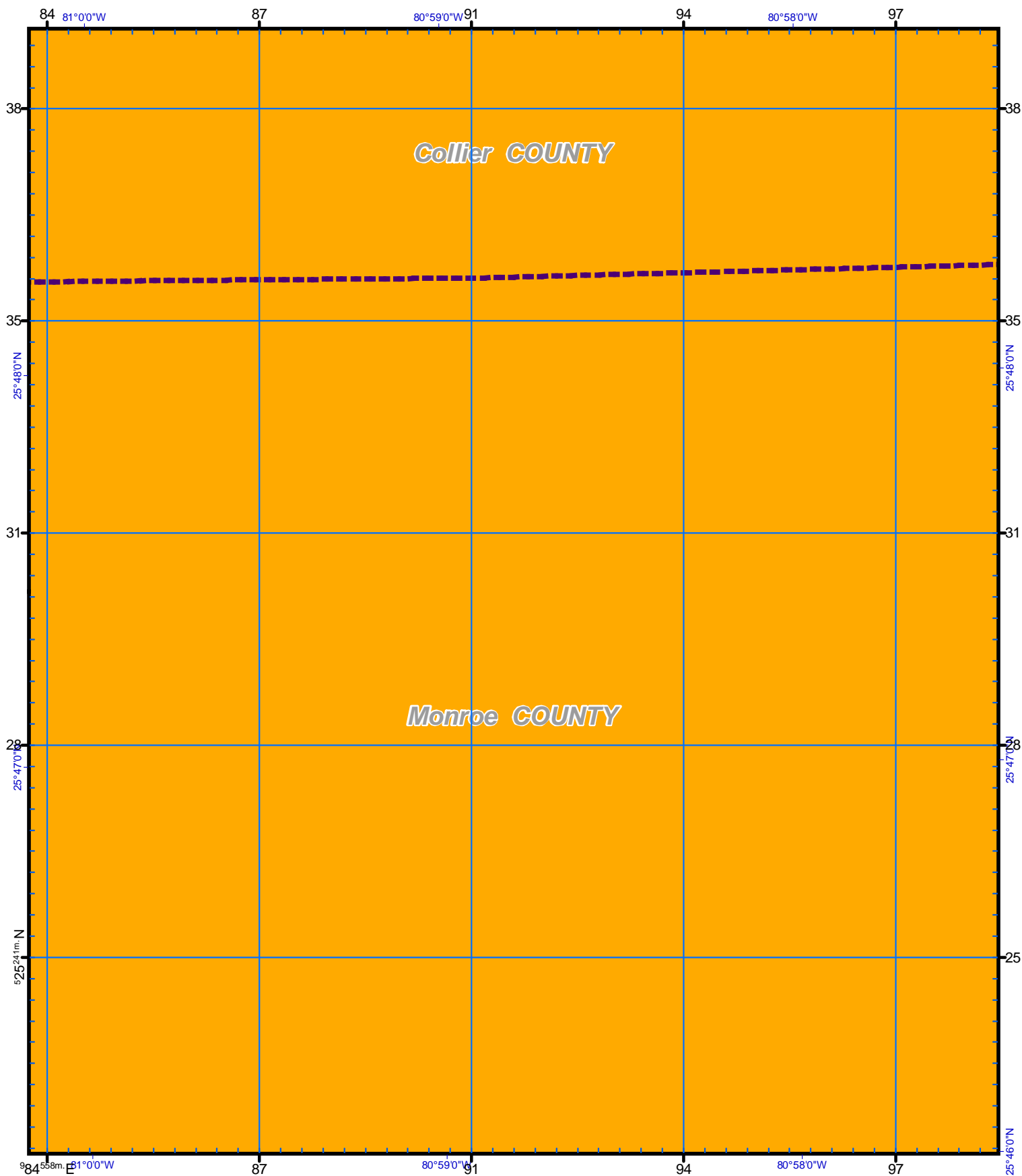
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



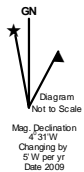
This map is for reference & planning purposes only.
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US National Grid
100,000-m Square ID
NJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

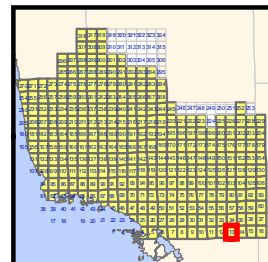
USNG Page **17R NJ 00 50**

Map Plate **13**

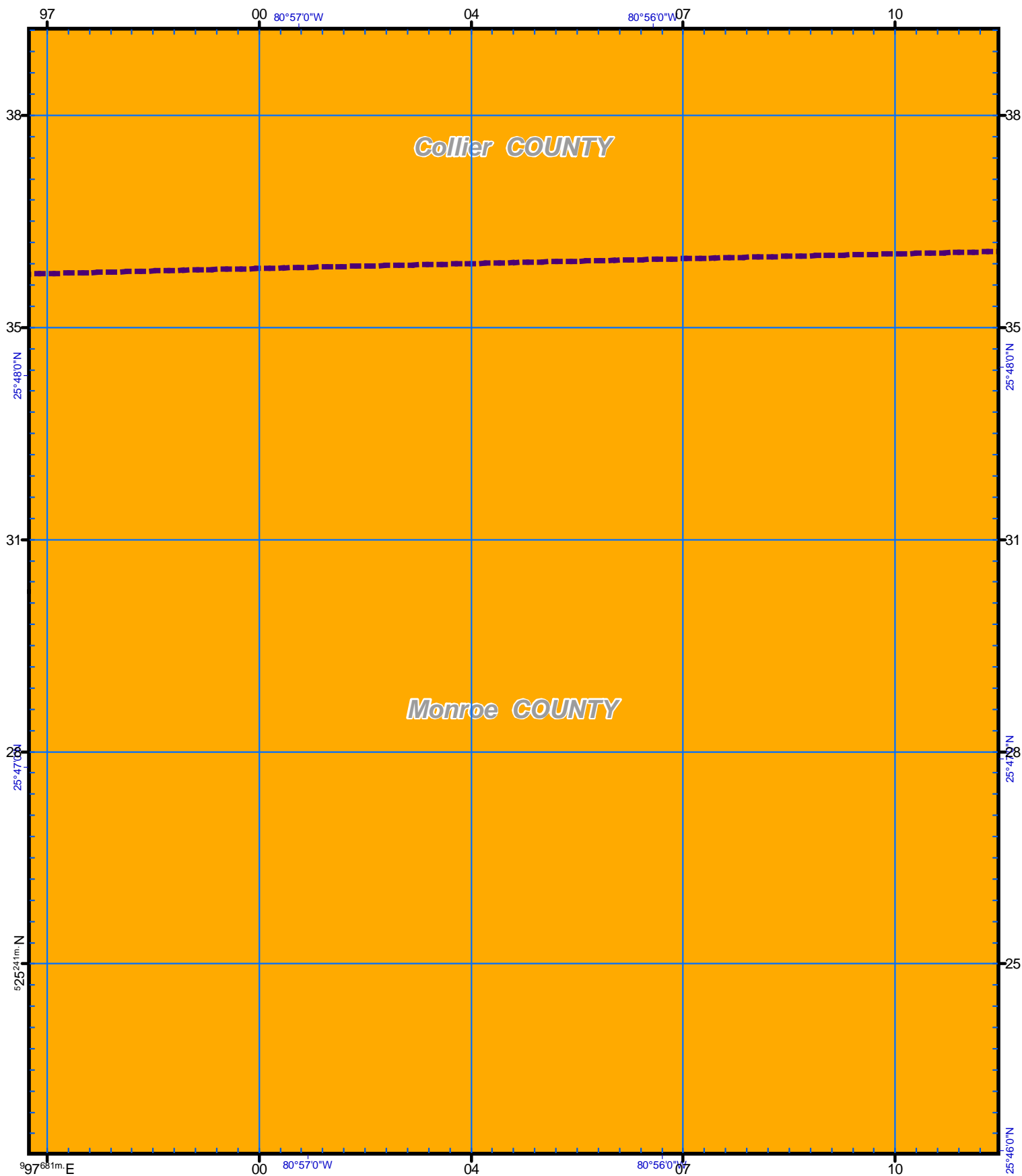
Page 37

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



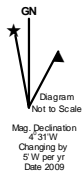
This map is for reference & planning purposes only.
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US National Grid
100,000-m Square ID
NJ

Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

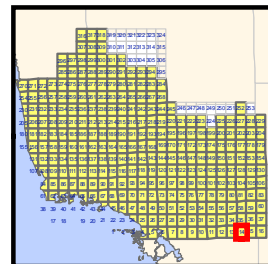
USNG Page **17R NJ 04 50**

Map Plate **14**

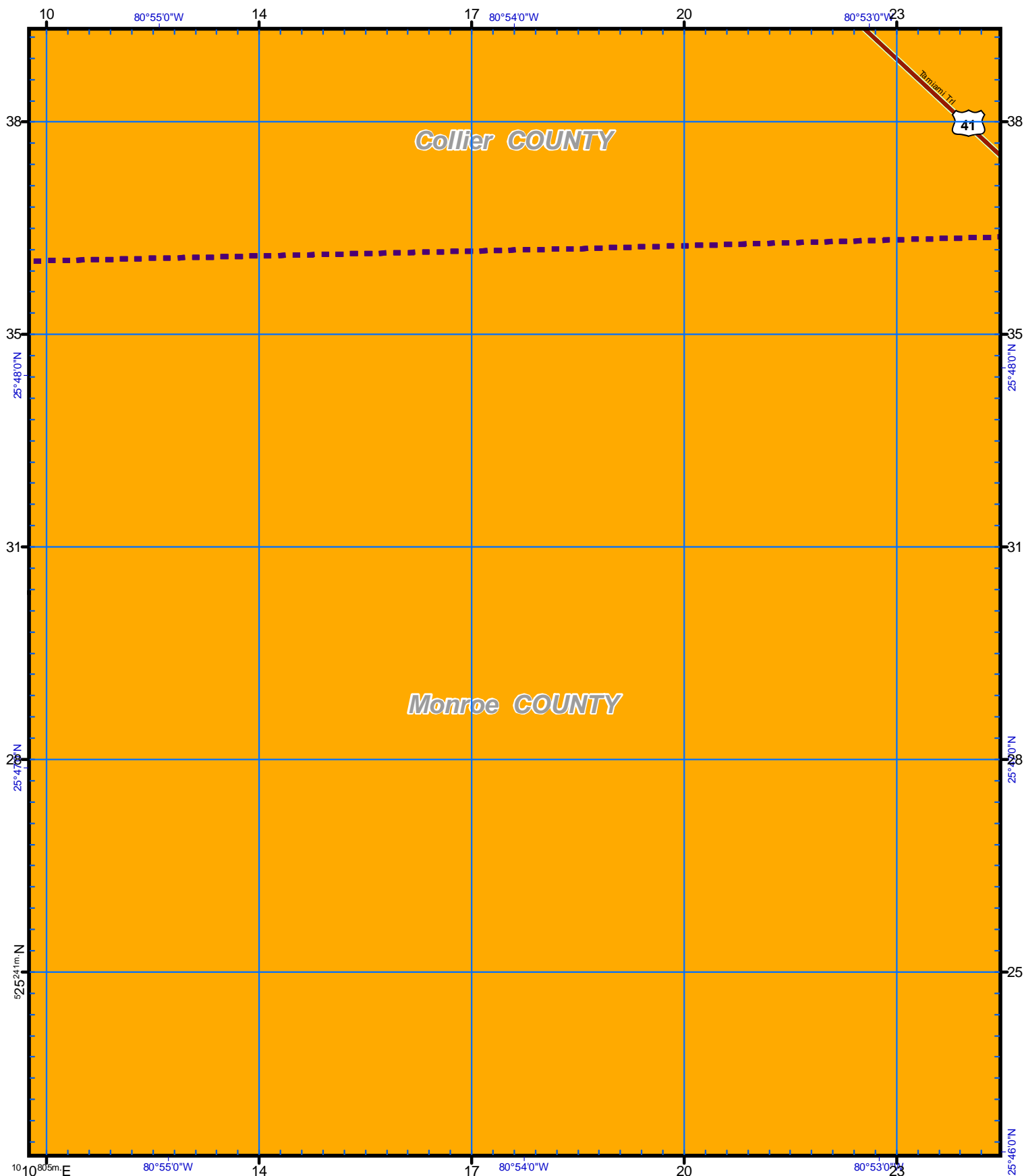
Page 38

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
- - -	City Limits	1	Red
—	Evac Route	2	Orange
■	WATER	3	Yellow
		4	Light Green
		5	Purple



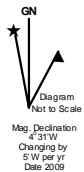
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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

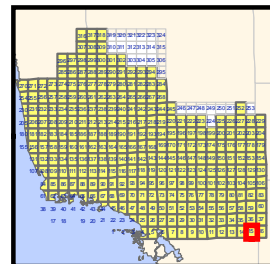
USNG Page **17R NJ 08 50**

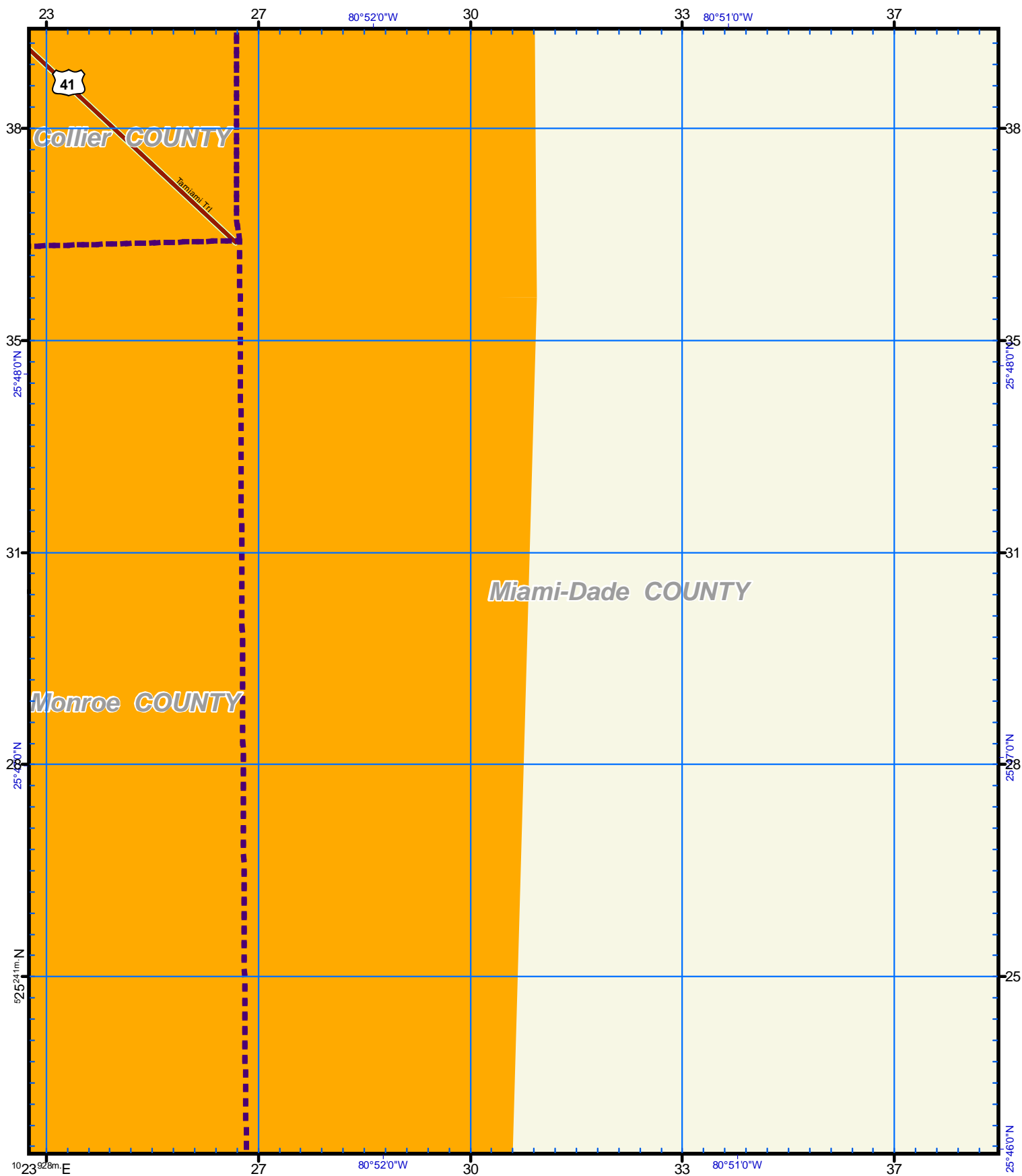
Map Plate **15**

Page 39

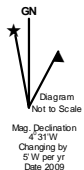
Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	





US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

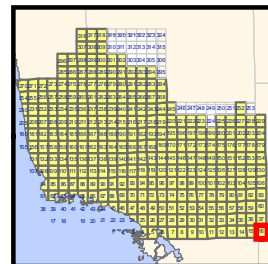
USNG Page 17R NJ 12 50

Map Plate 16

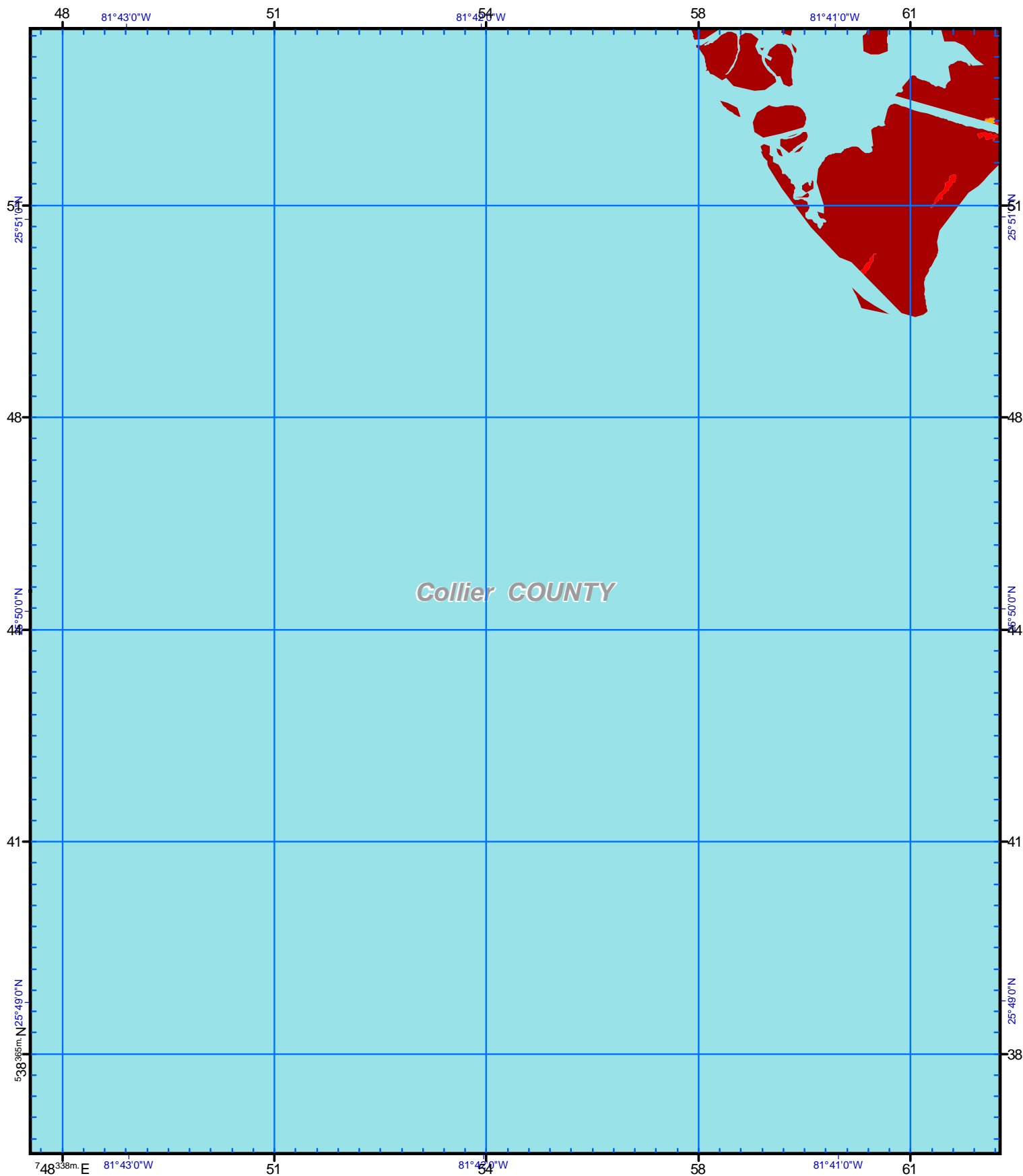
Page 40

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

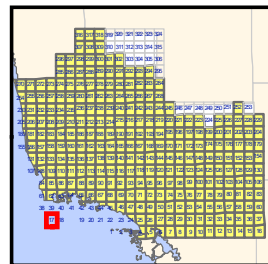
USNG Page **17R MJ 28 55**

Map Plate **17**

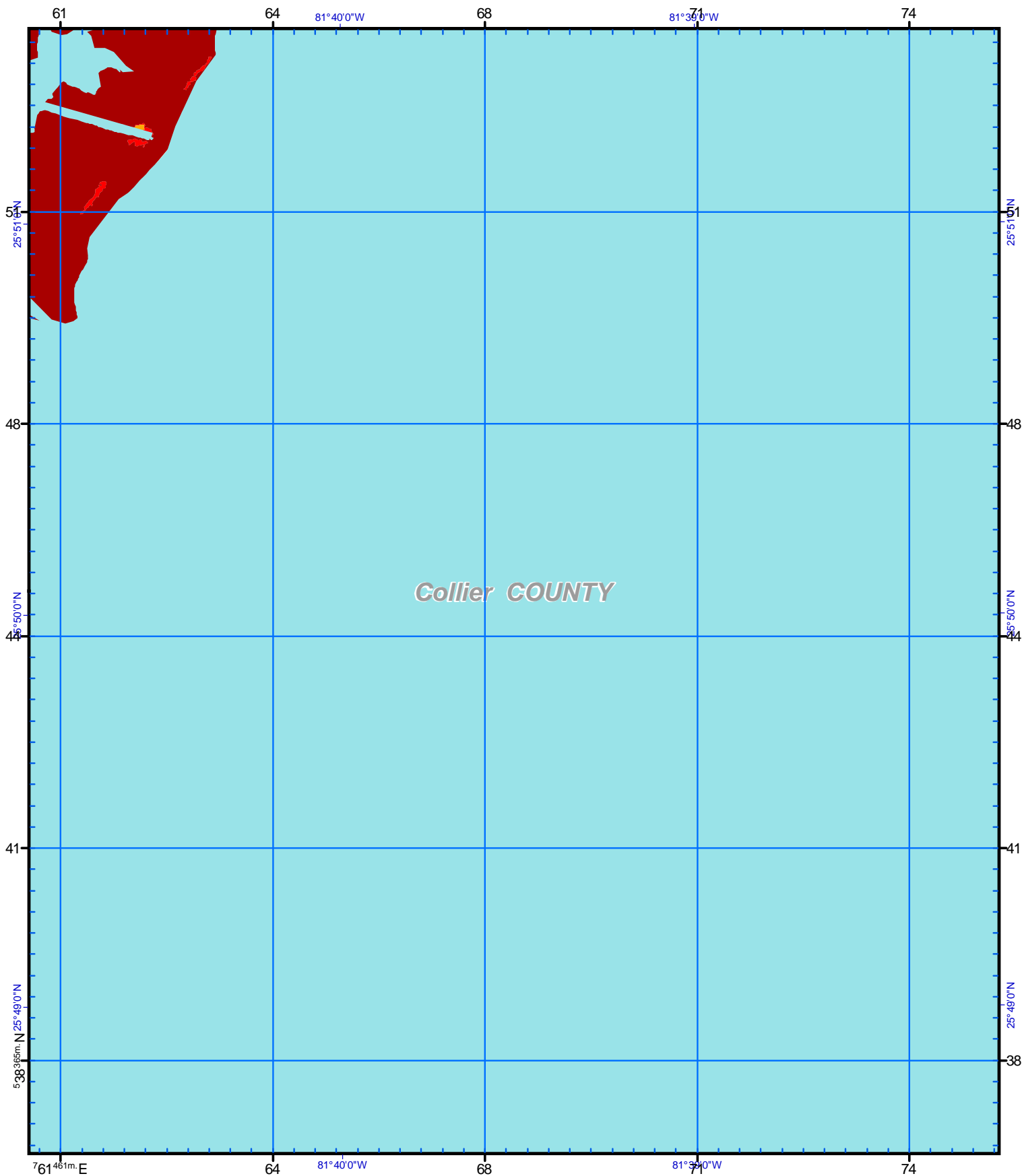
Page 41

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



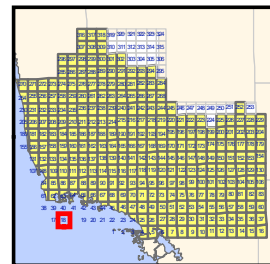
Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
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Storm Tide Zones

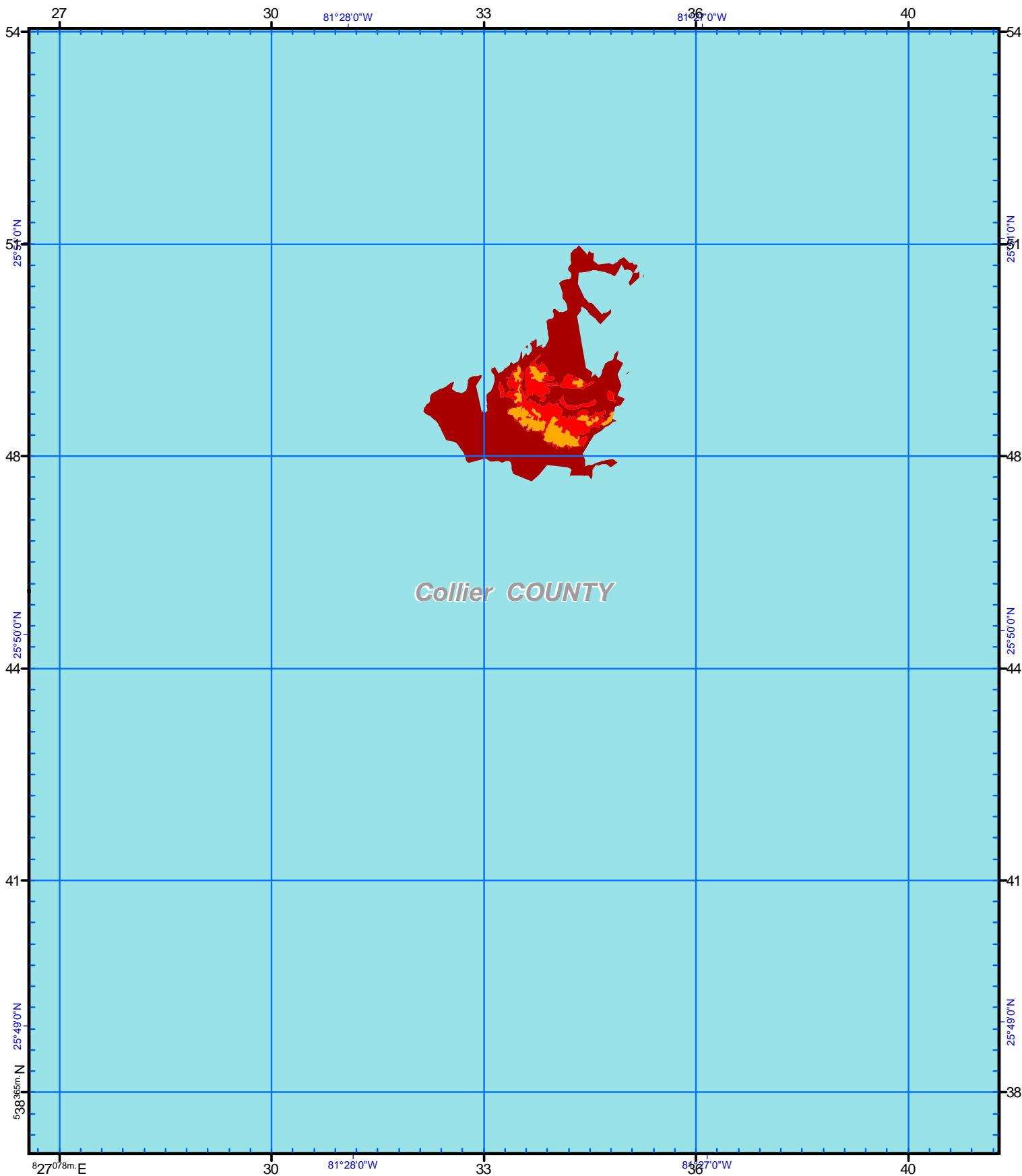
Collier County, 2010
Scale - 1:24,000
0 2,000 Feet
USNG Page **17R MJ 32 55**
Map Plate **18**
Page 42

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
□	WATER	3	
		4	
		5	



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US National Grid
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MJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

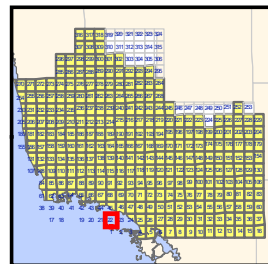
USNG Page 17R MJ 52 55

Map Plate 22

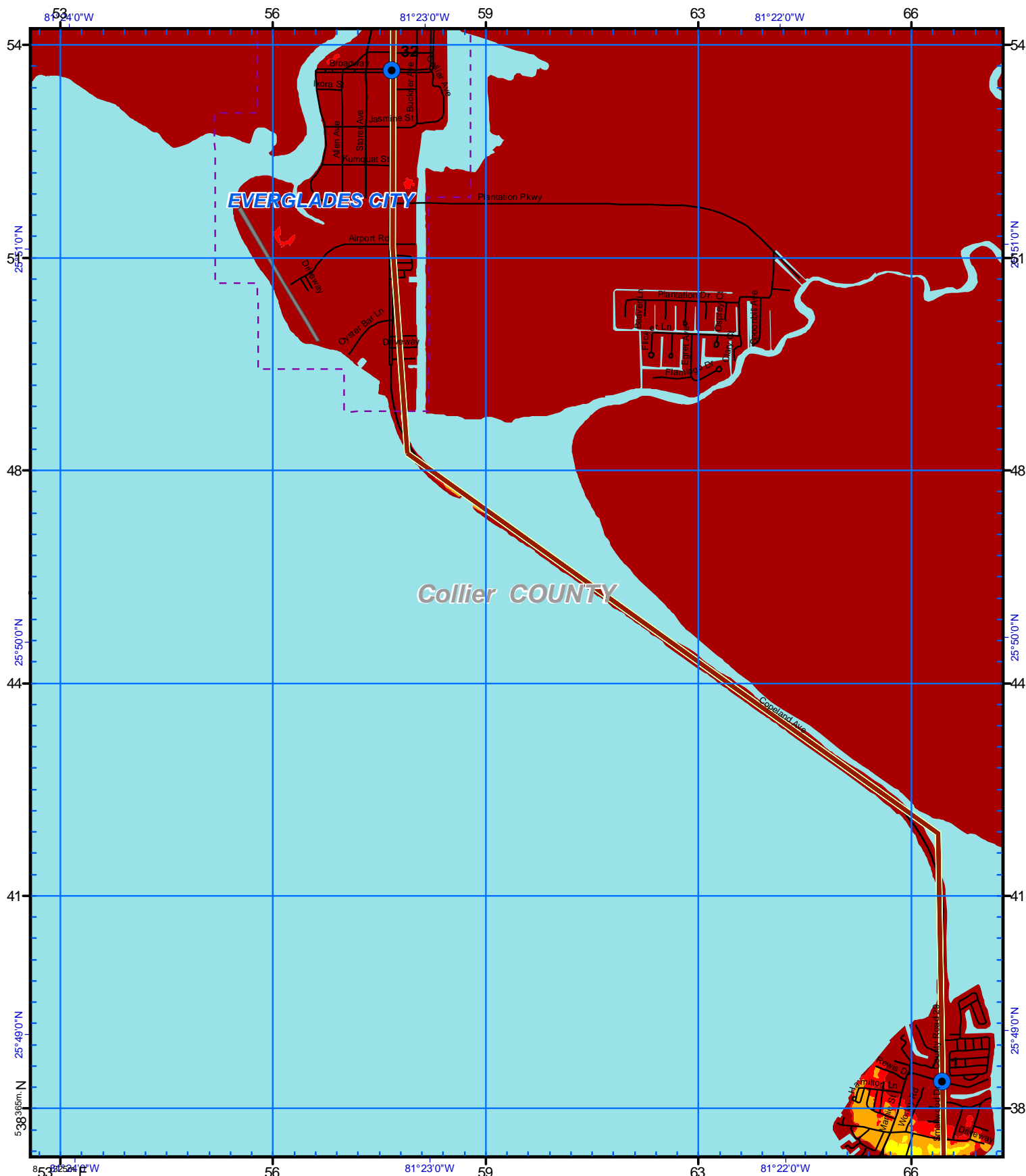
Page 43

Legend

●	Ref Point	Cat
H	HOSPITAL	TS
□	City Limits	1
—	Evac Route	2
□	WATER	3
		4
		5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

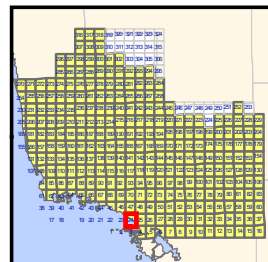
USNG Page **17R MJ 60 55**

Map Plate **24**

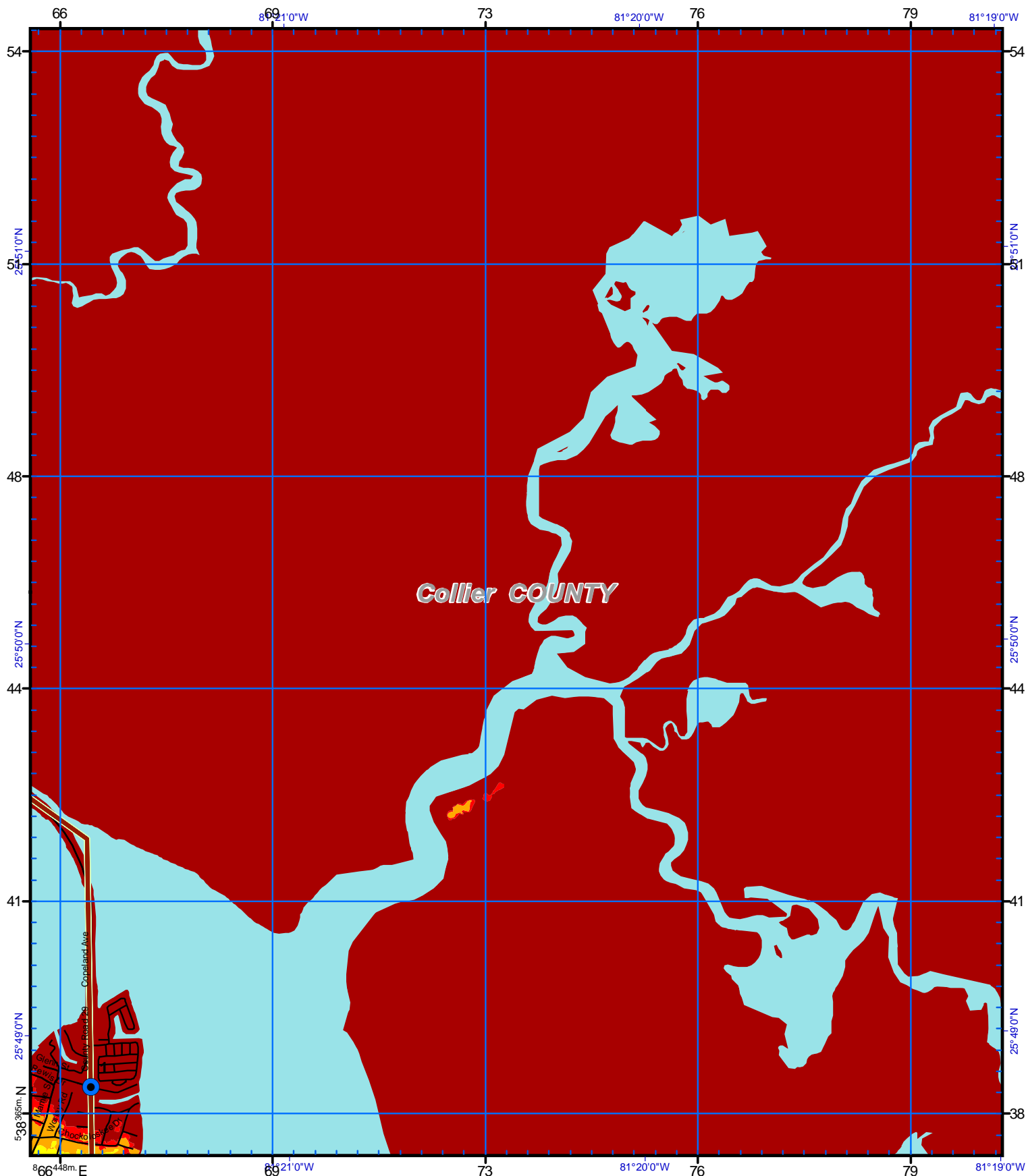
Page 44

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⬜ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
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MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 64 55**

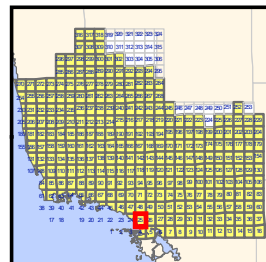
Map Plate **25**

Page 45

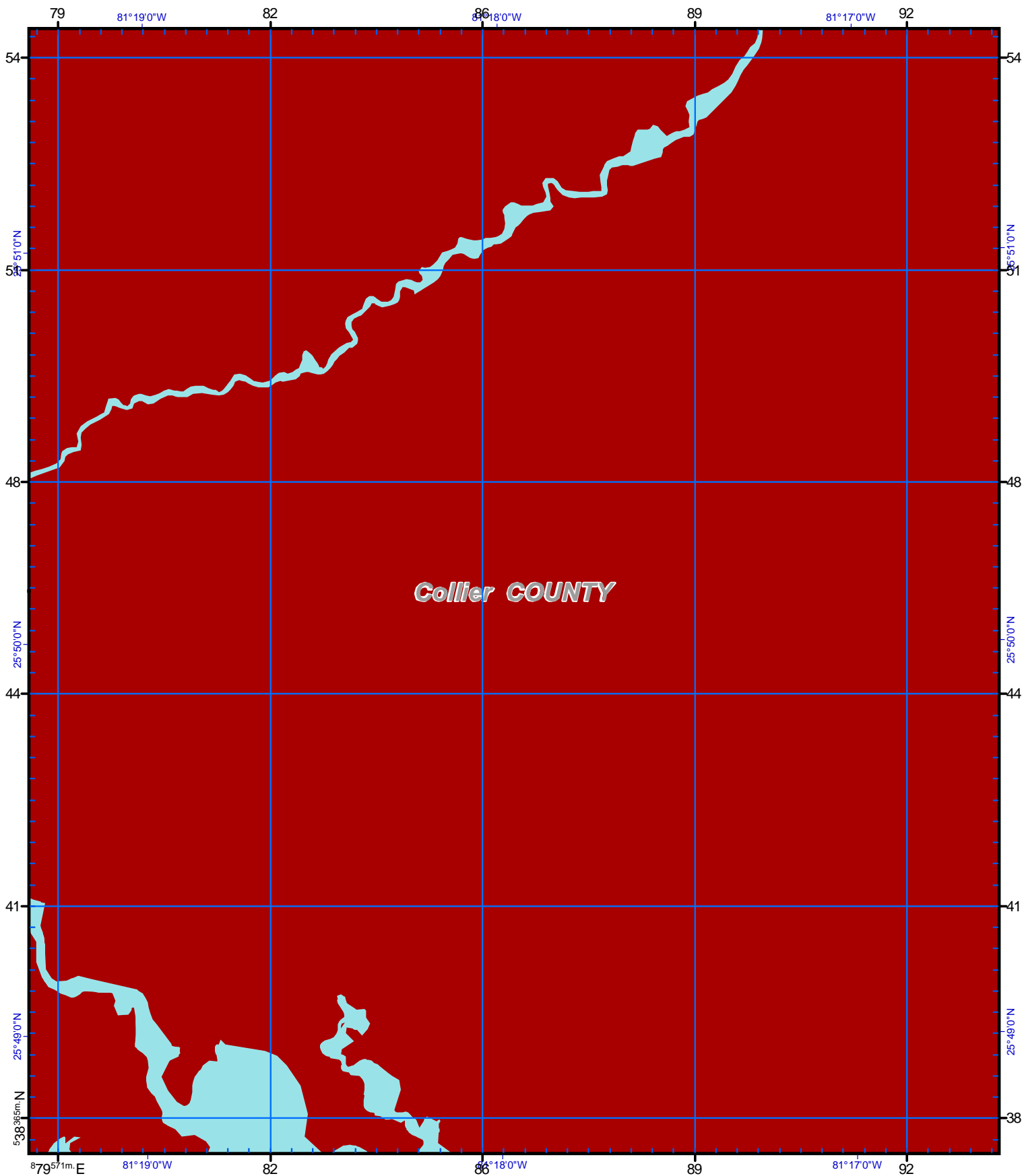
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 68 55**

Map Plate **26**

Page 46

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

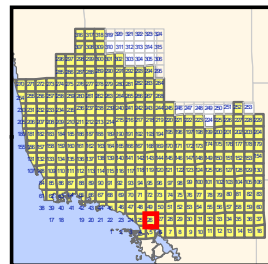
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2

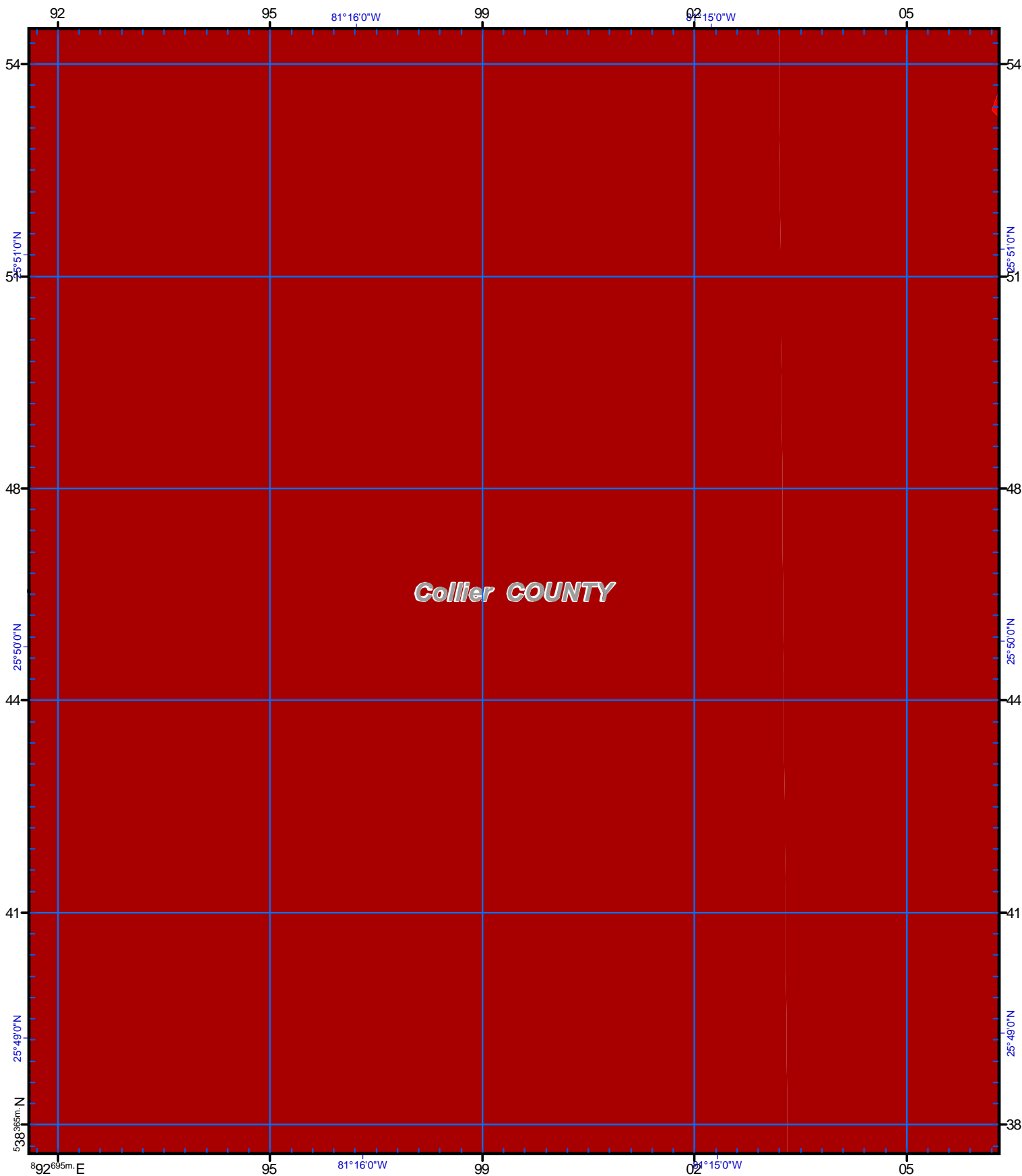
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4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

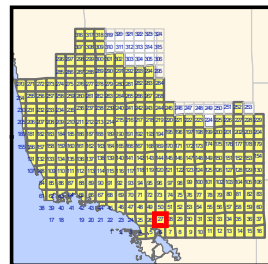
USNG Page **17R MJ 72 55**

Map Plate **27**

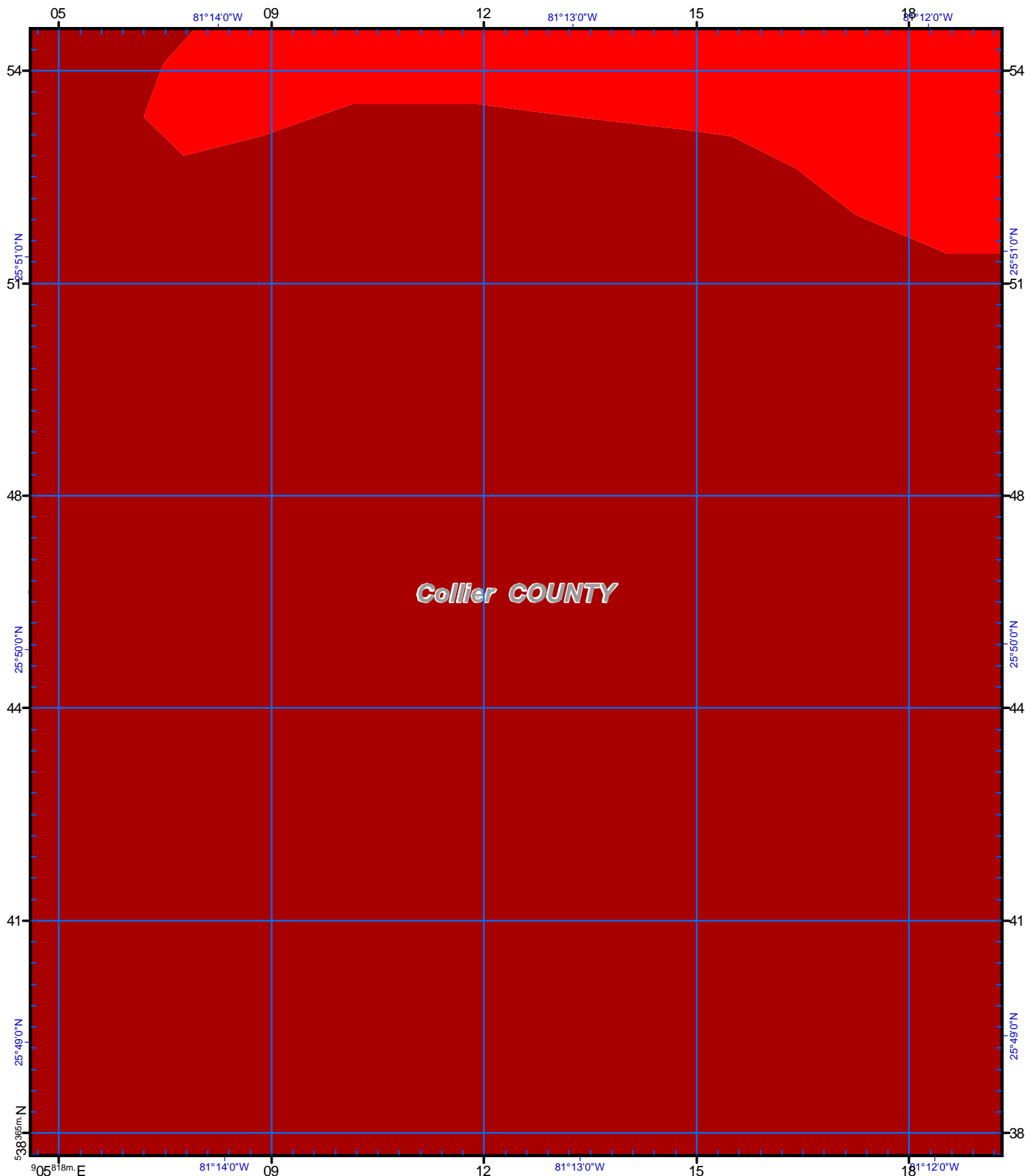
Page 47

Legend

- Ref Point
 - HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|----|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |



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US National Grid
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MJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 76 55

Map Plate 28

Page 48

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

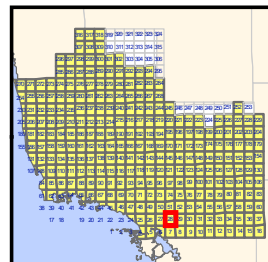
1

2

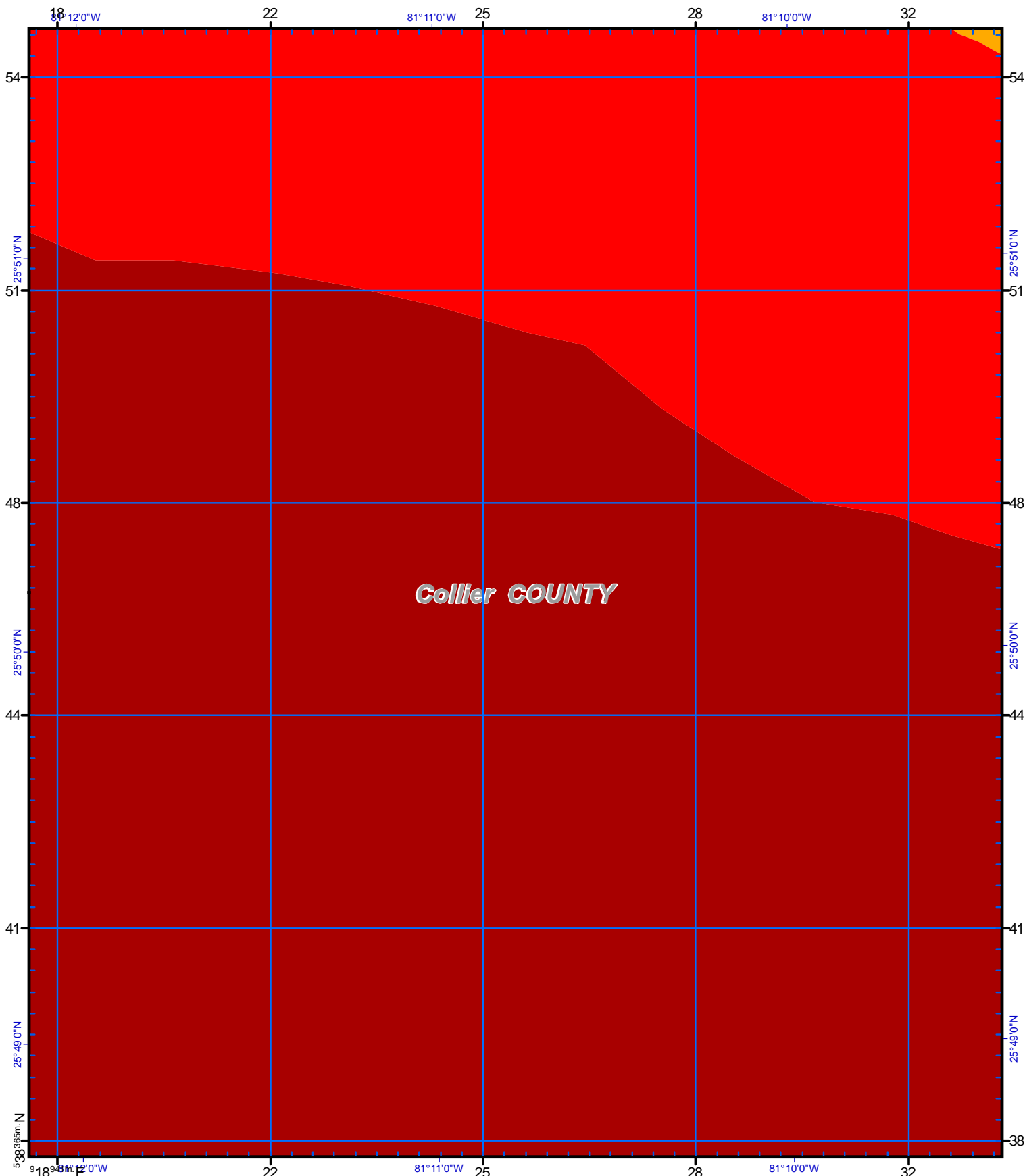
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

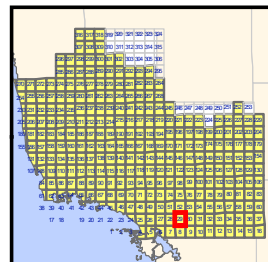
USNG Page **17R MJ 80 55**

Map Plate **29**

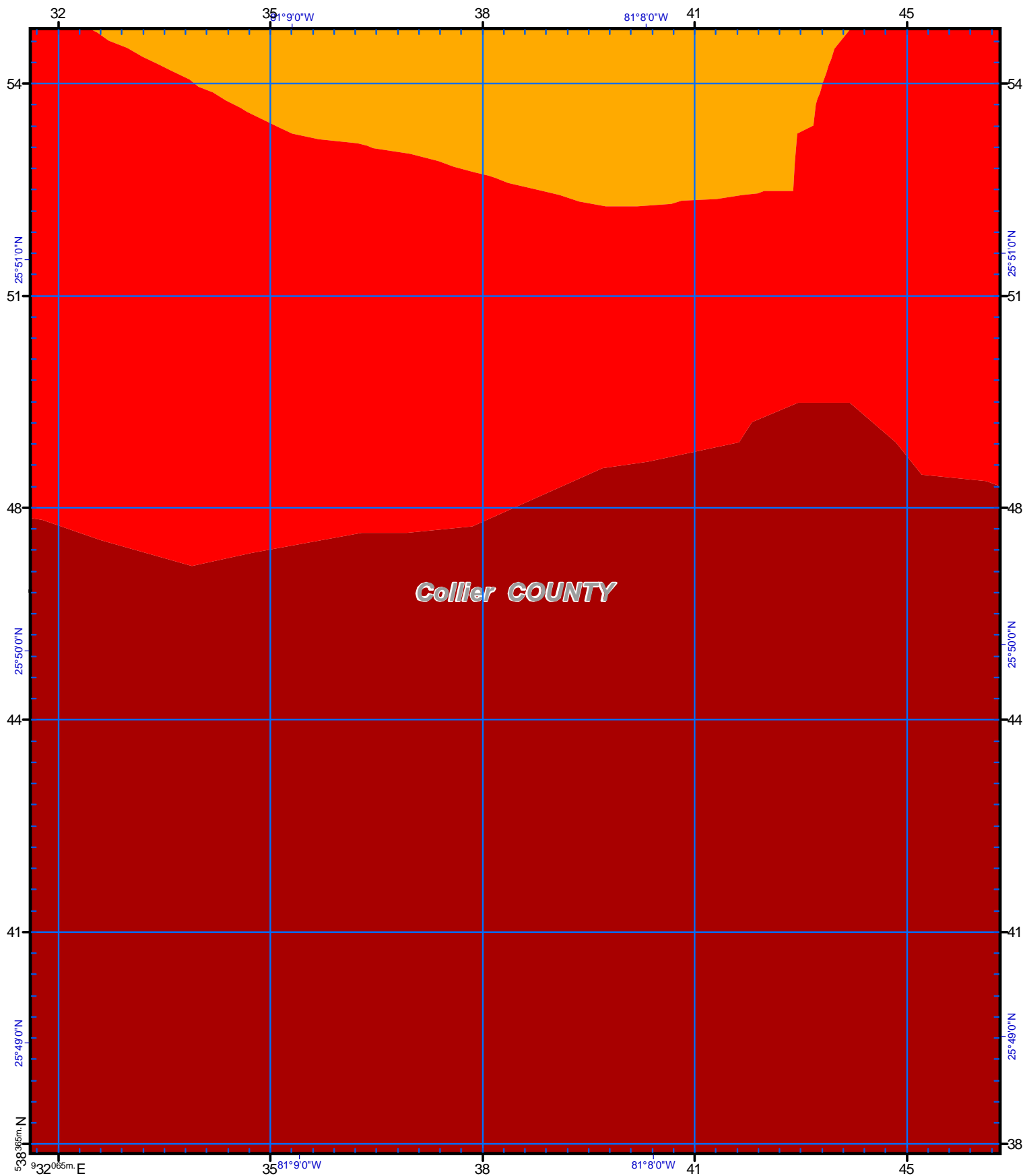
Page 49

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
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17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

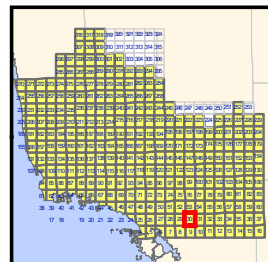
USNG Page **17R MJ 84 55**

Map Plate **30**

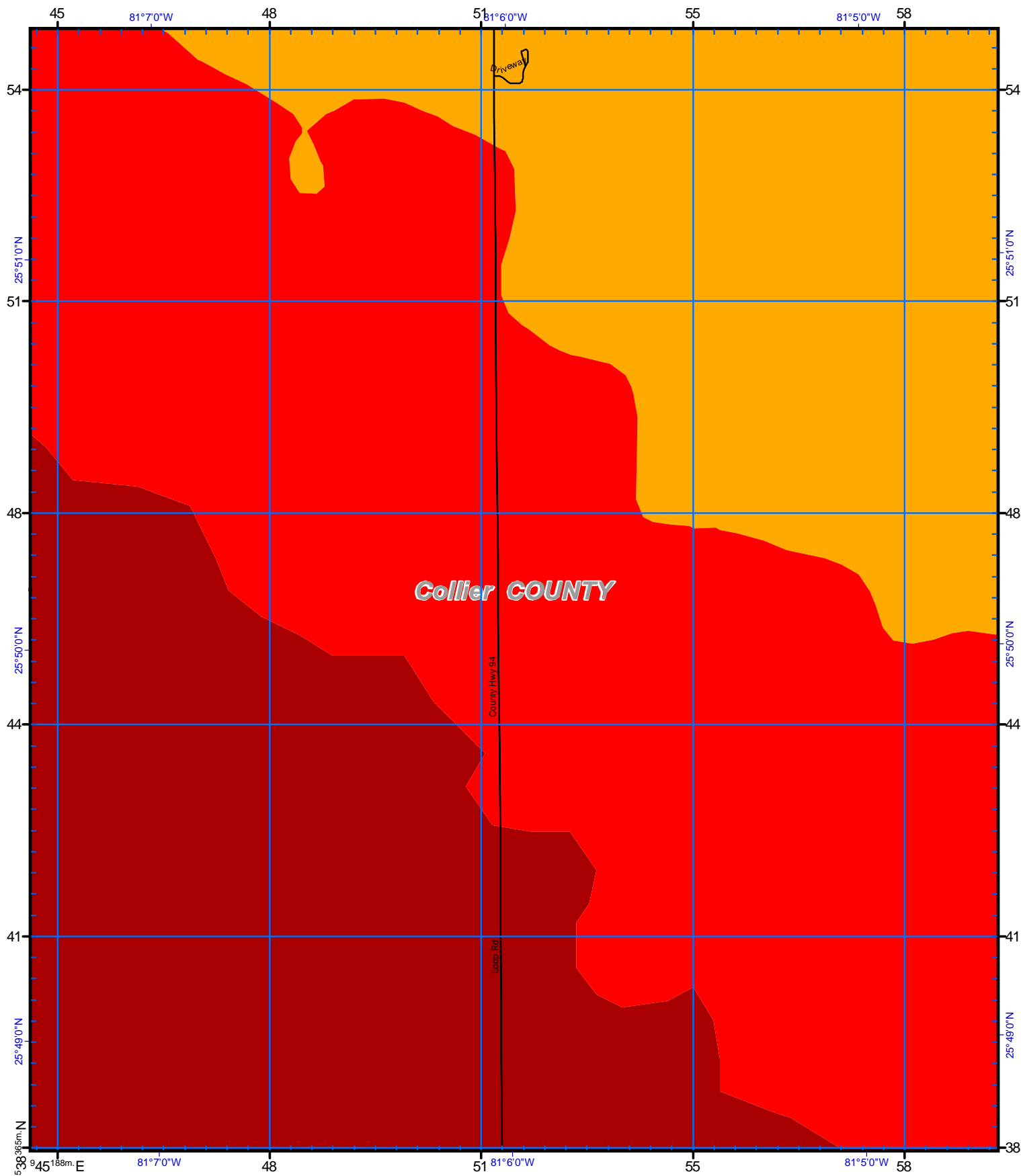
Page 50

Legend

- Ref Point
 - HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|----|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |



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US National Grid
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MJ

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17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

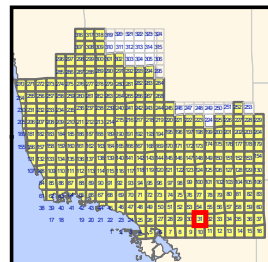
USNG Page **17R MJ 88 55**

Map Plate **31**

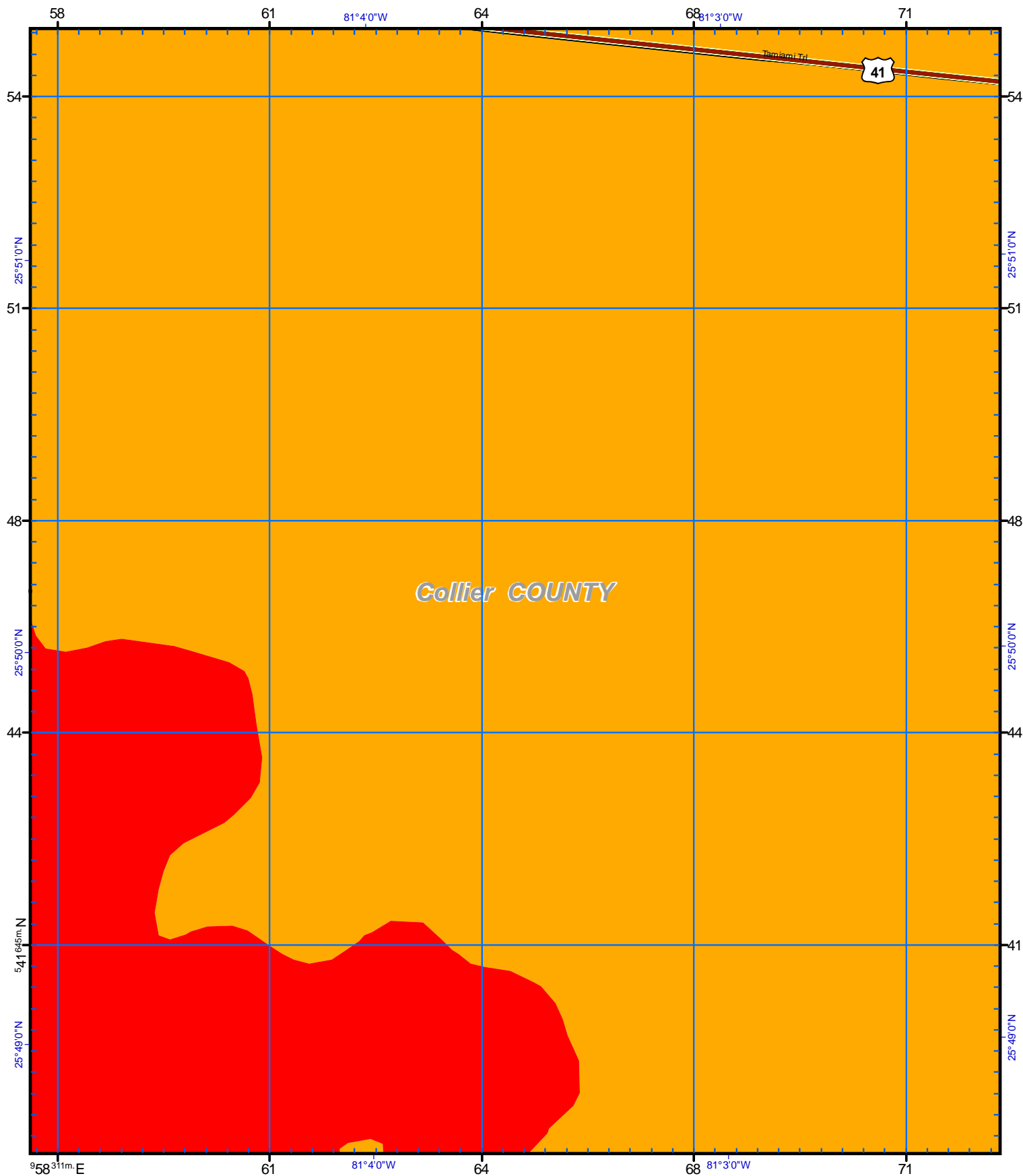
Page 51

Legend

- Ref Point
 - HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|----|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |



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US National Grid
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MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

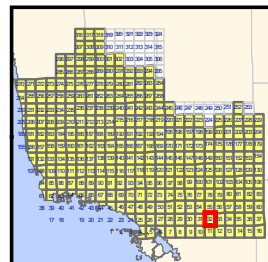
USNG Page 17R MJ 92 55

Map Plate 32

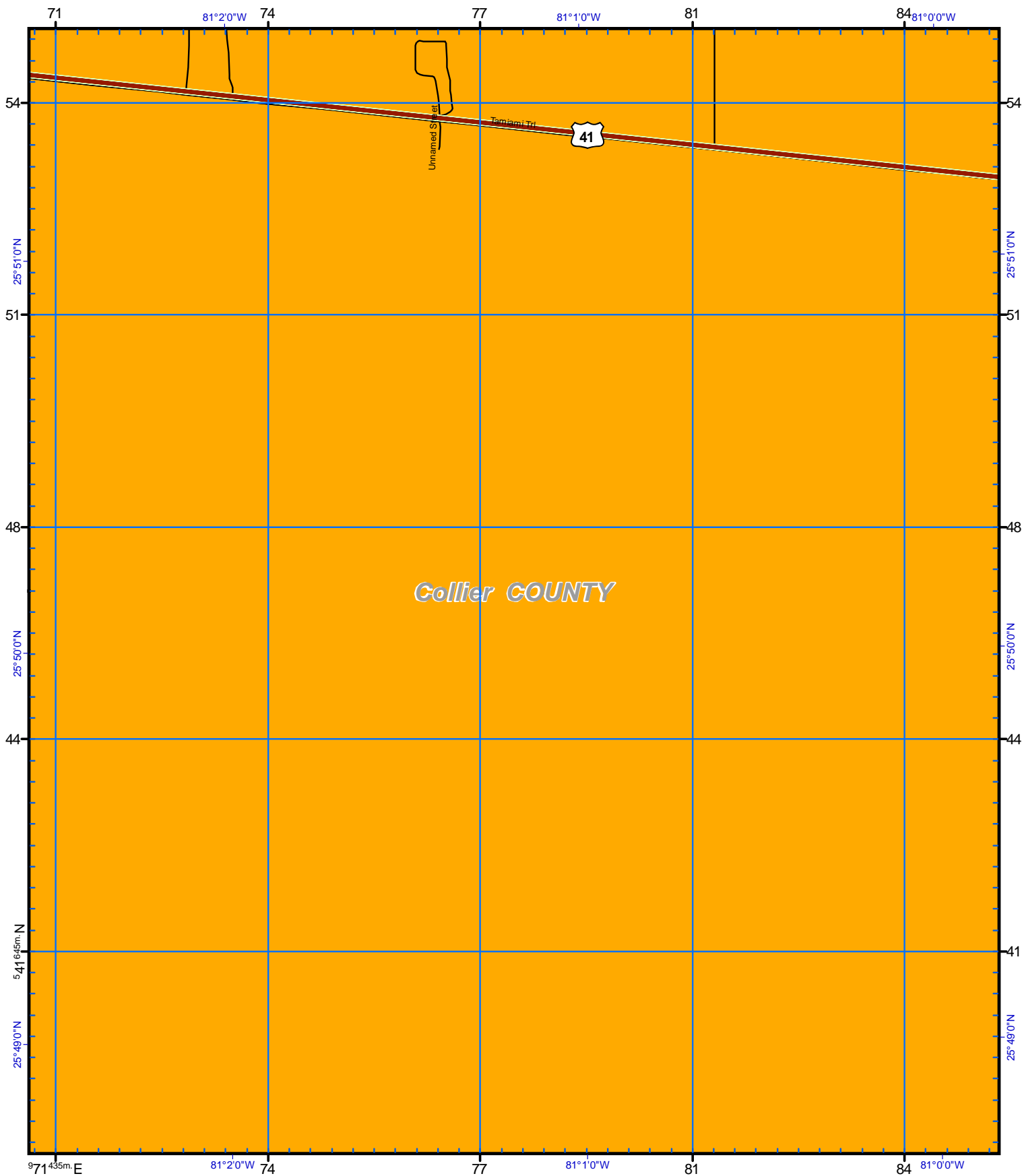
Page 52

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 96 55**

Map Plate **33**

Page 53

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

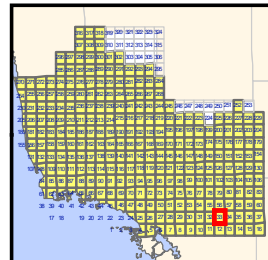
1

2

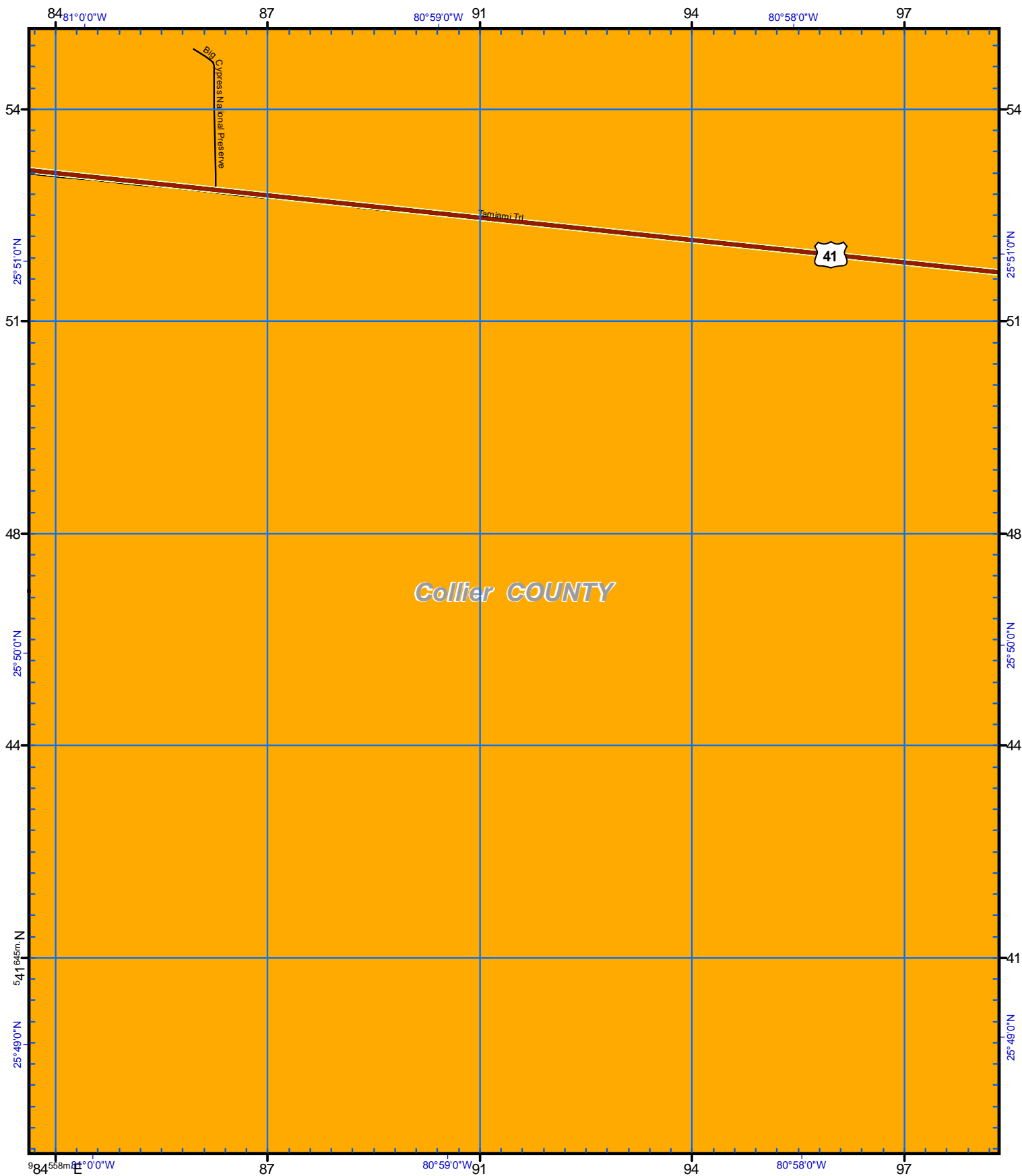
3

4

5



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management implementation are local responsibilities.
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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 00 55

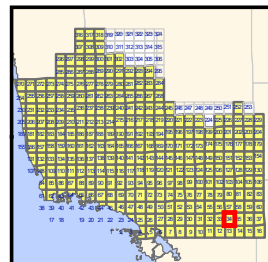
Map Plate 34

Page 54

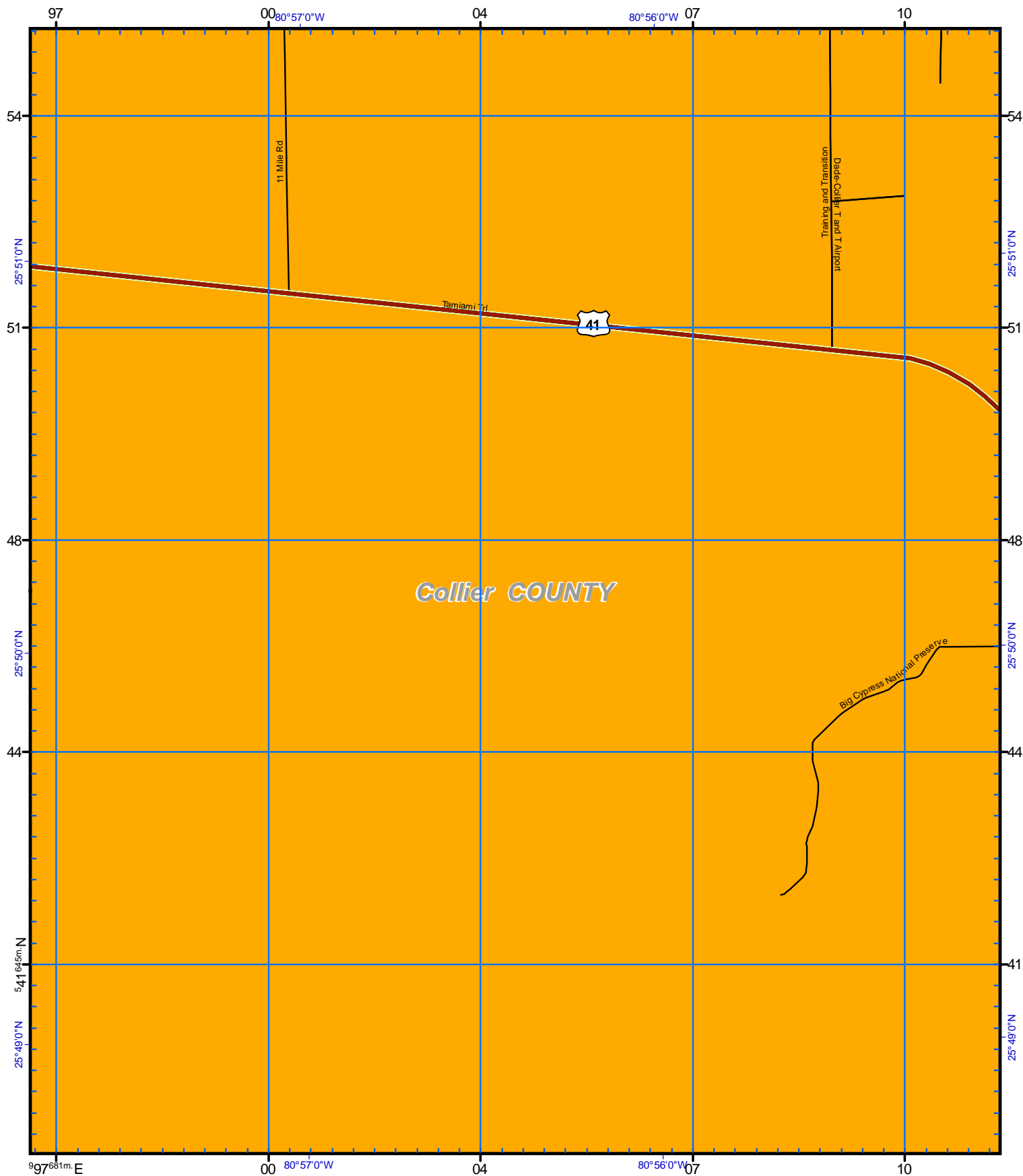
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

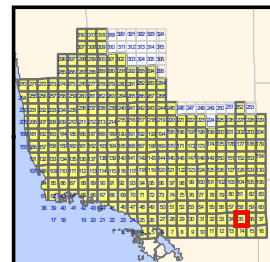
USNG Page 17R NJ 04 55

Map Plate 35

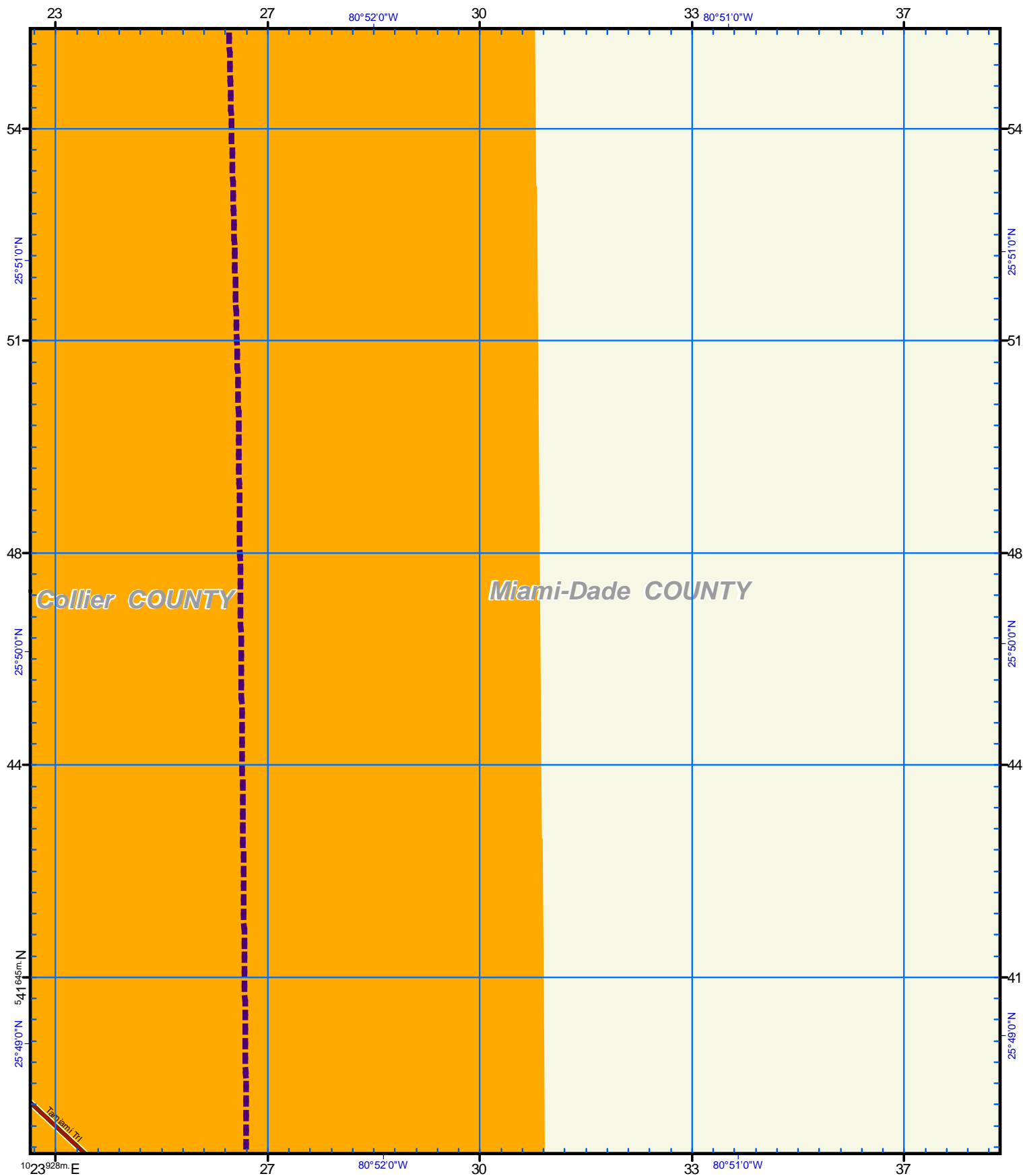
Page 55

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
■	WATER	3	
		4	
		5	



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 12 55

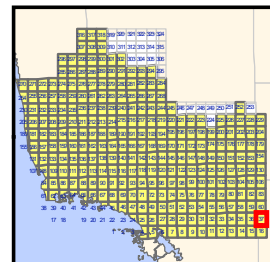
Map Plate 37

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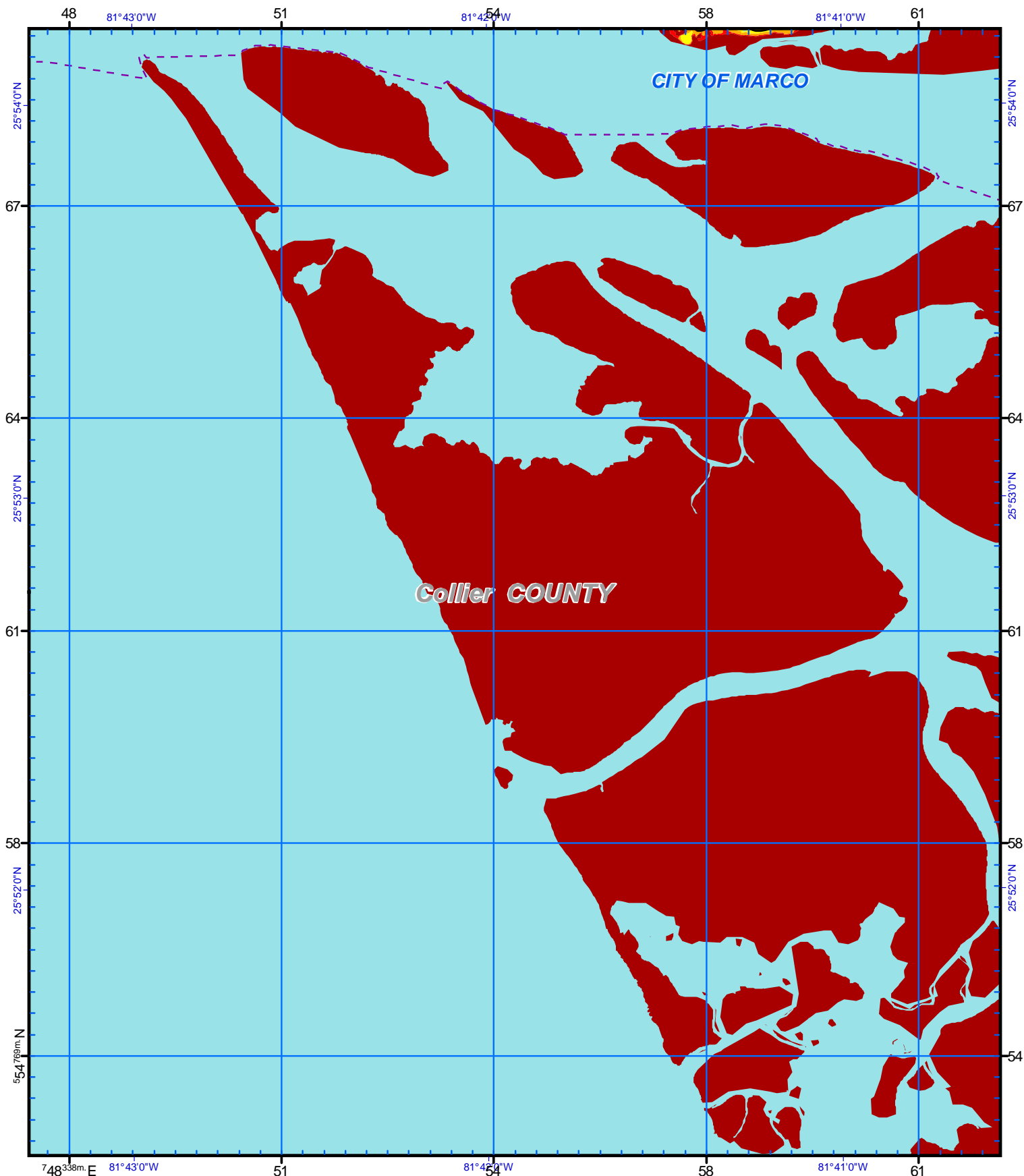
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
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MJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 28 60**

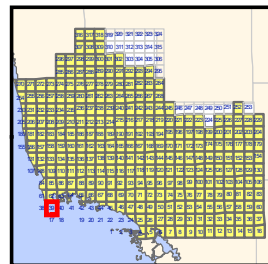
Map Plate **39**

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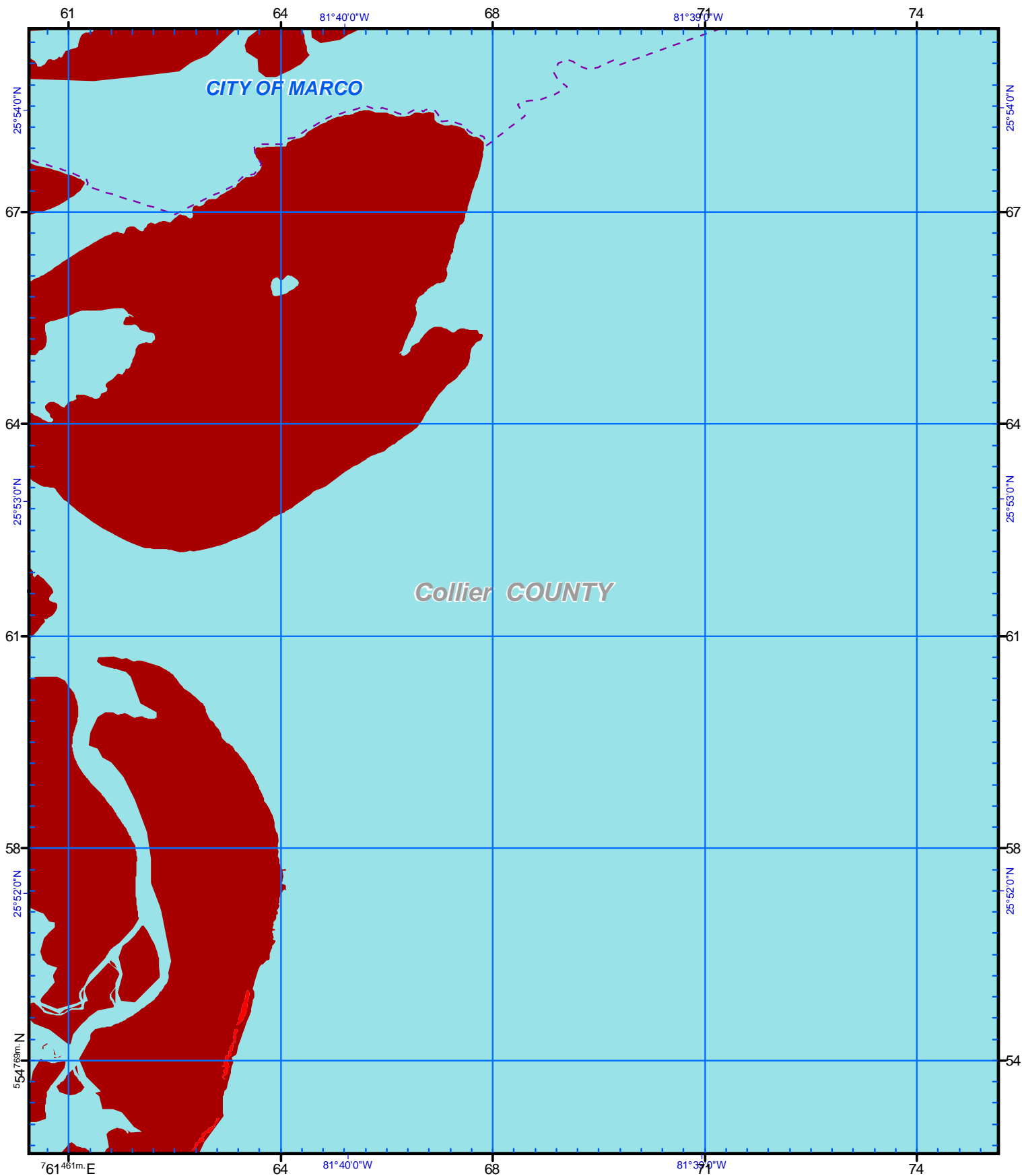
Legend

- Ref Point
- ⌘ HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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MJ
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17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 32 60**

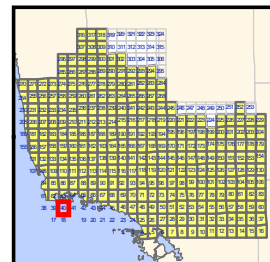
Map Plate **40**

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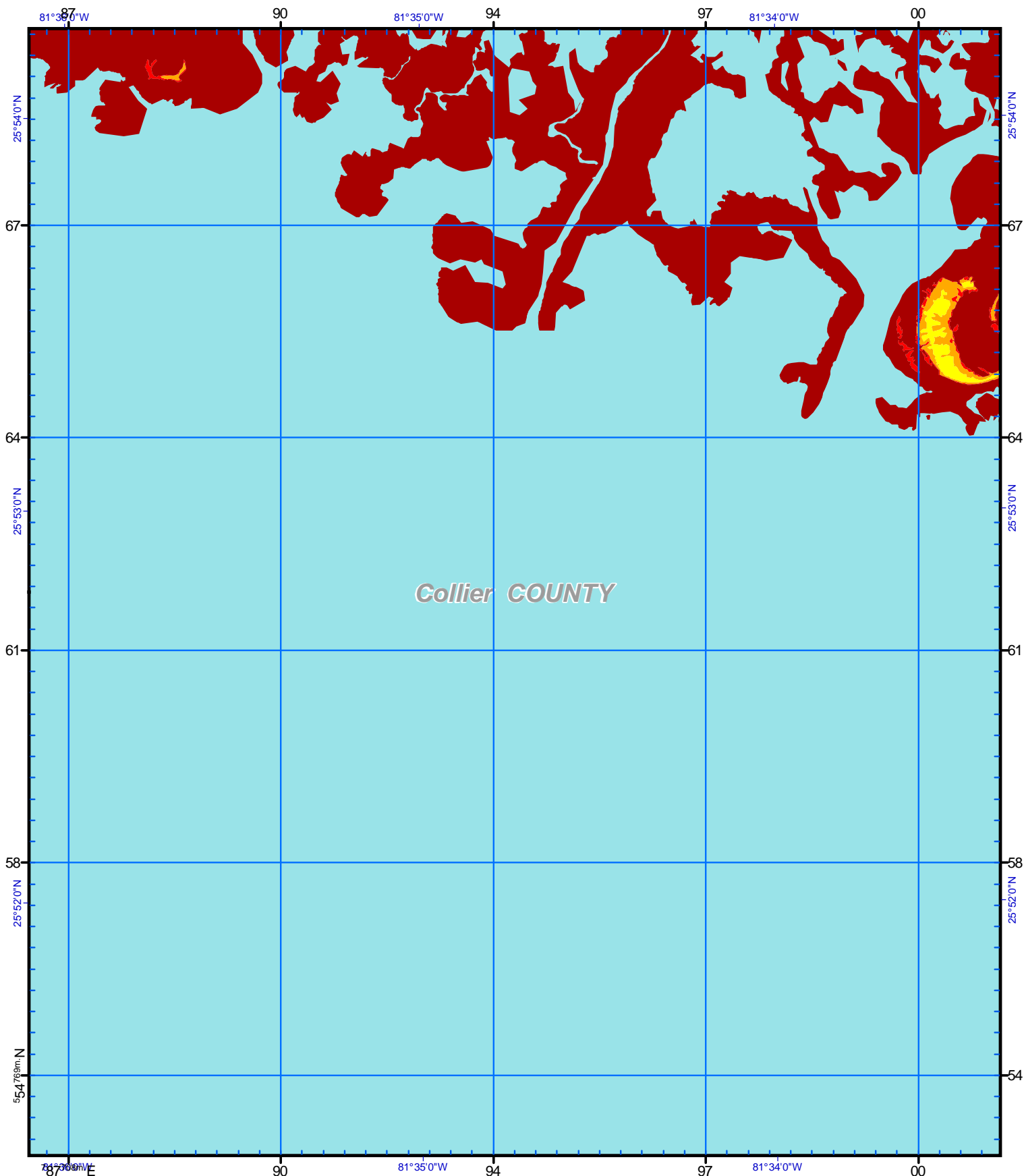
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬢ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 40 60

Map Plate 42

Page 60

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

1

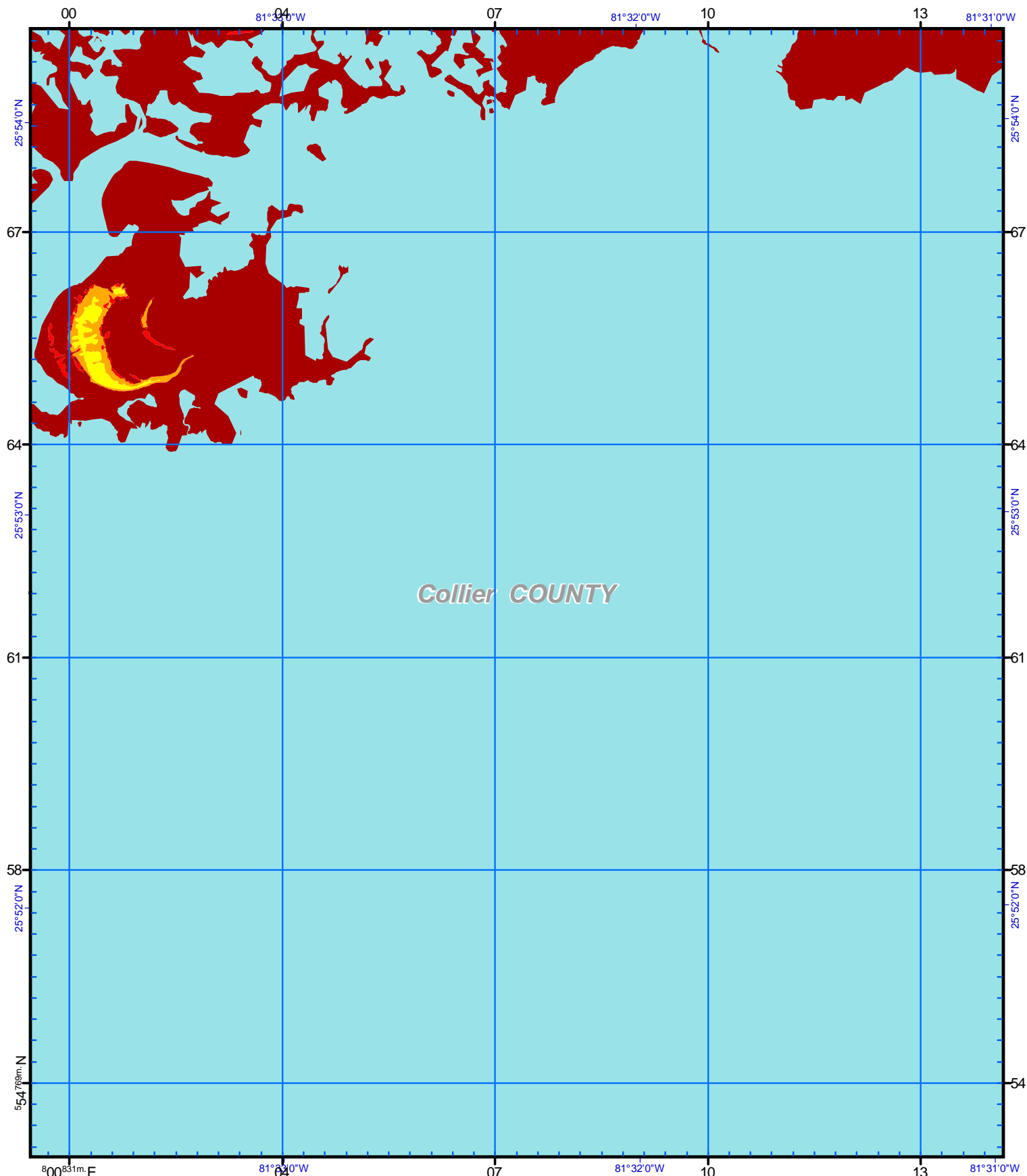
2

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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



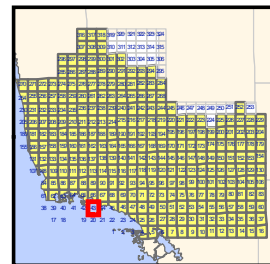
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Storm Tide Zones

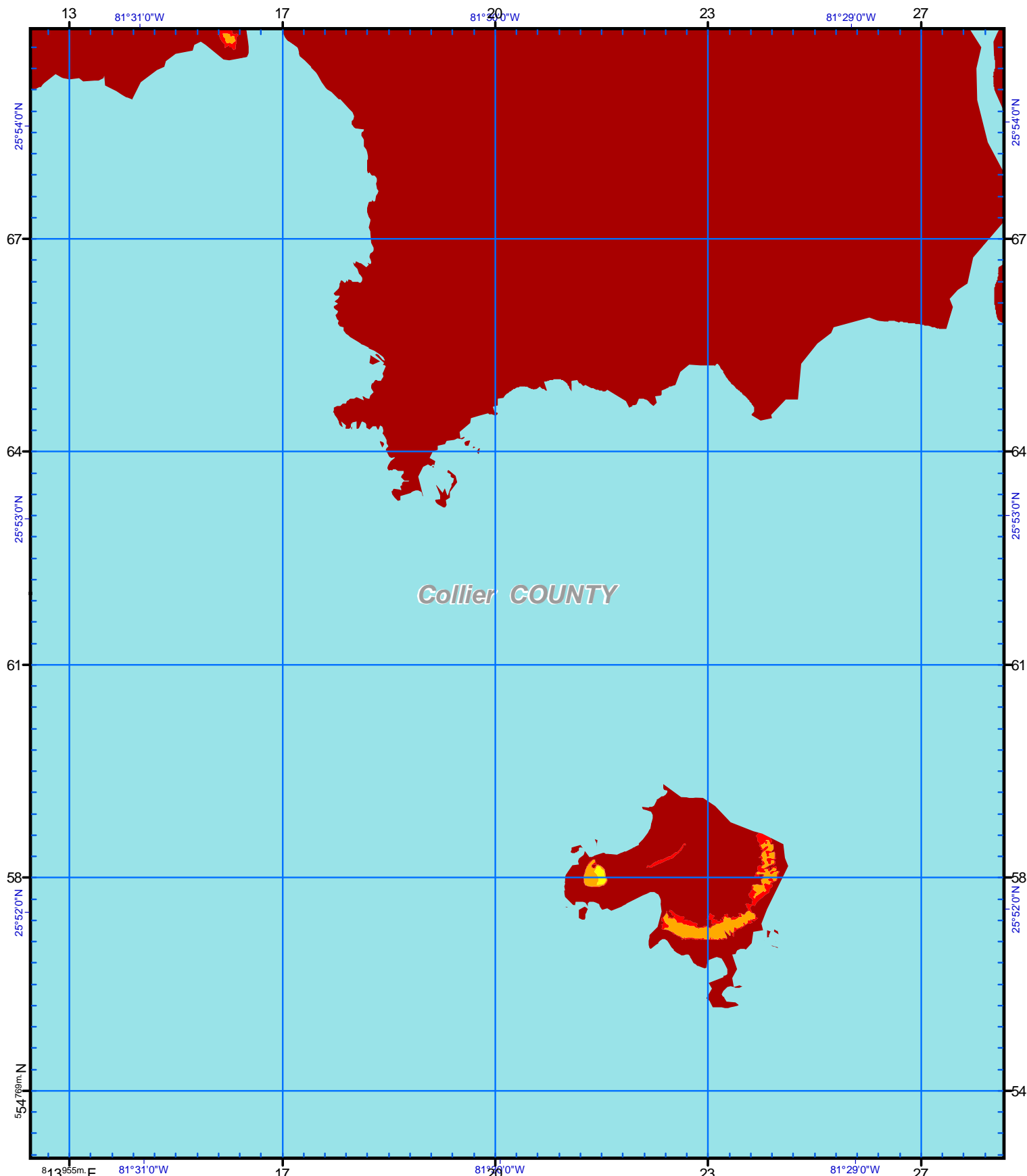
Collier County, 2010
Scale - 1:24,000
0 2,000 Feet
USNG Page **17R MJ 44 60**
Map Plate **43**
Page 61

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 48 60

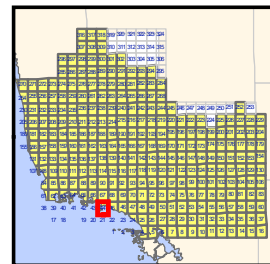
Map Plate 44

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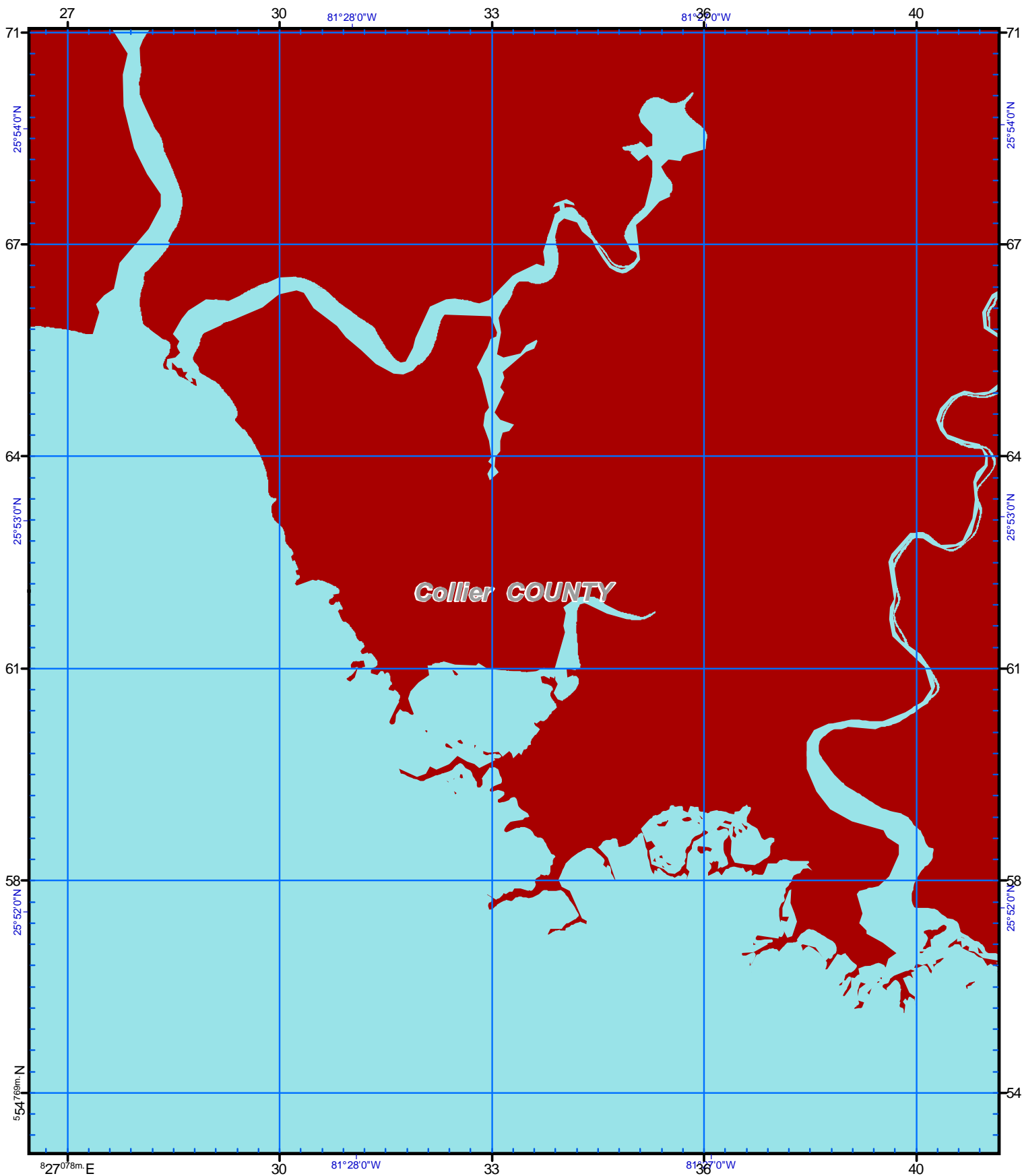
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
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4
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US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

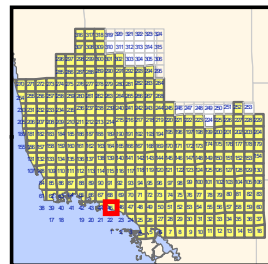
USNG Page 17R MJ 52 60

Map Plate 45

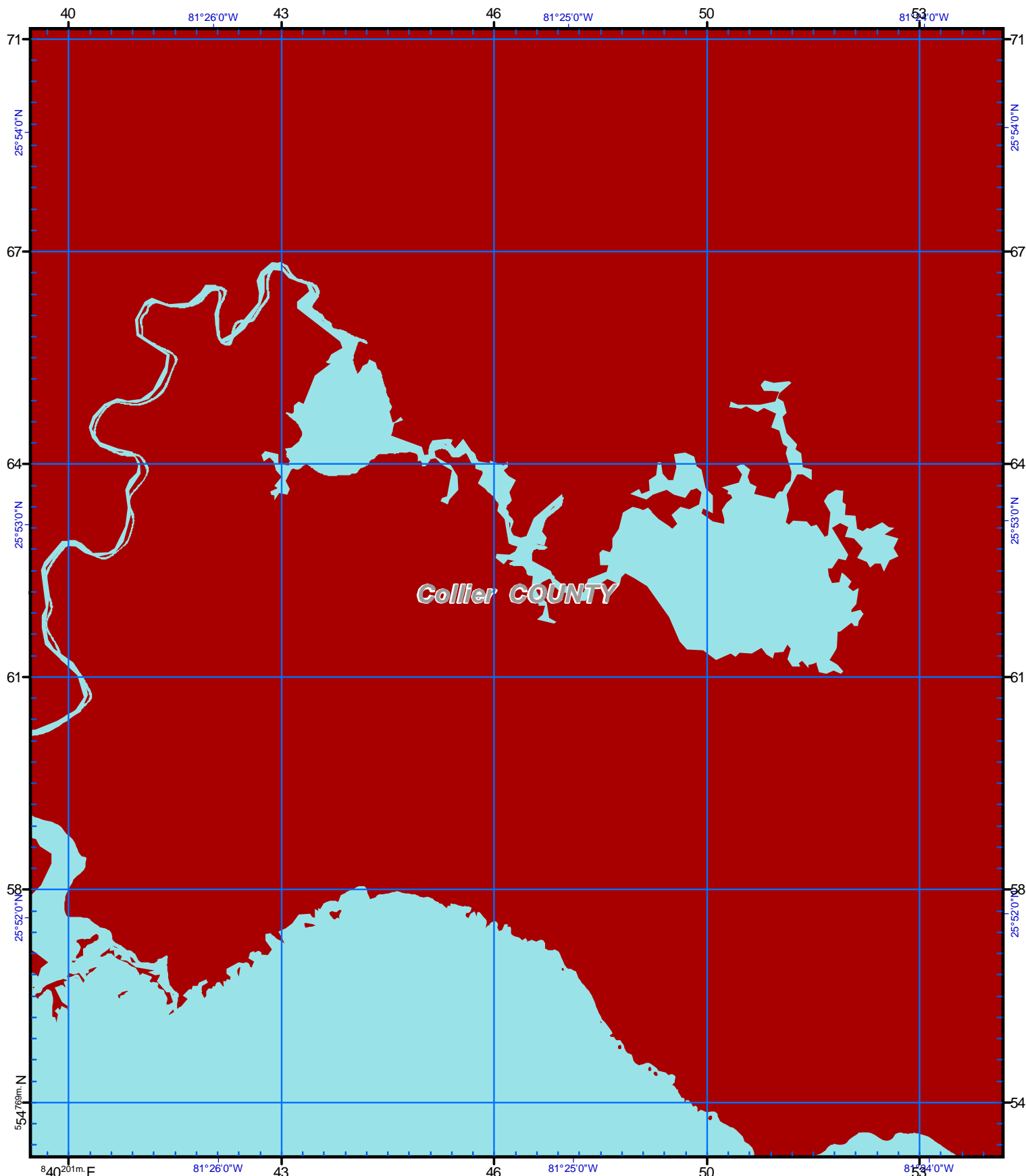
Page 63

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 56 60

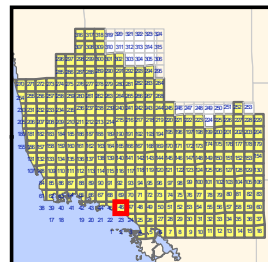
Map Plate 46

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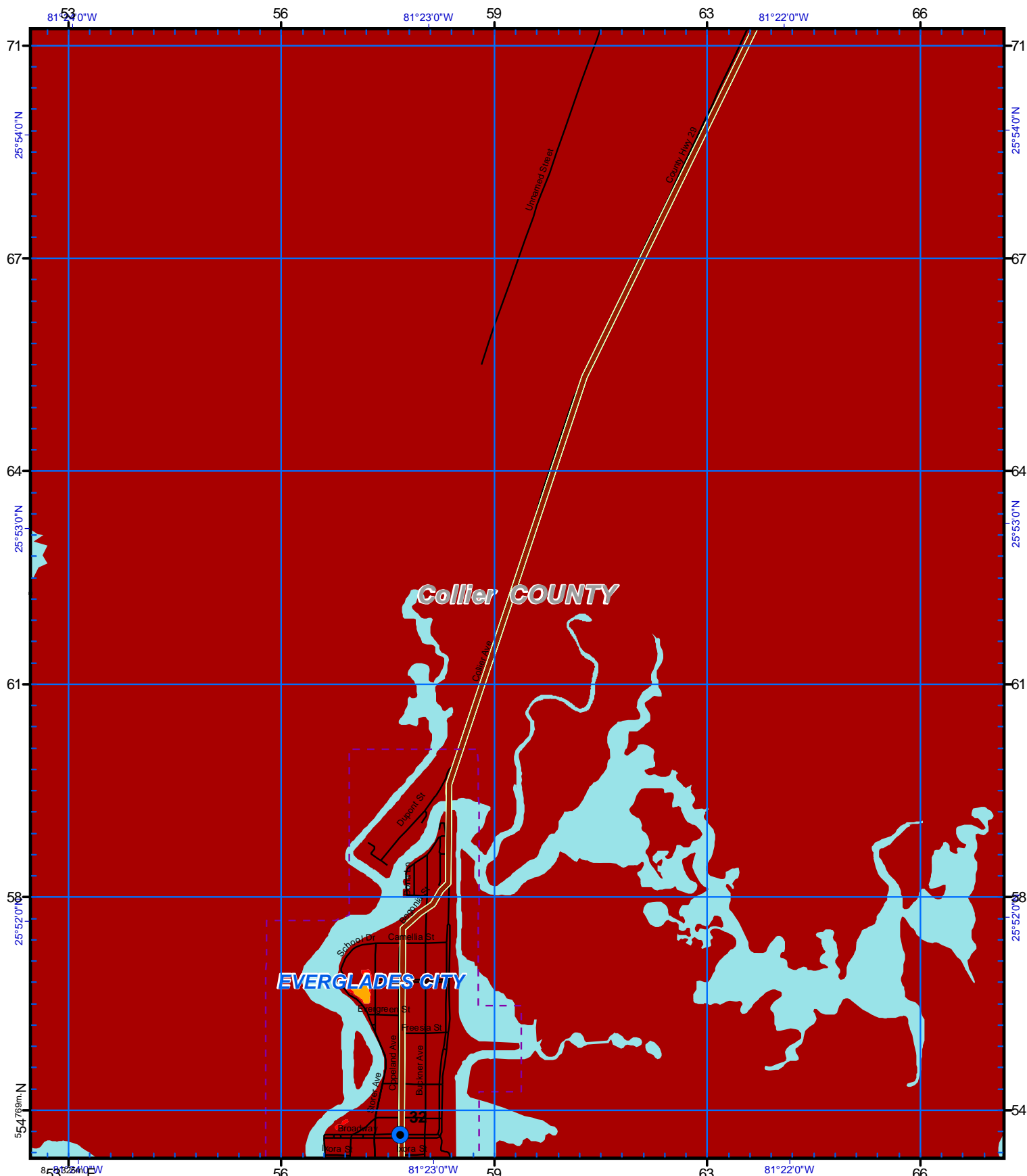
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
TS
1
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4
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 60 60**

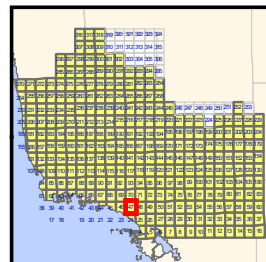
Map Plate **47**

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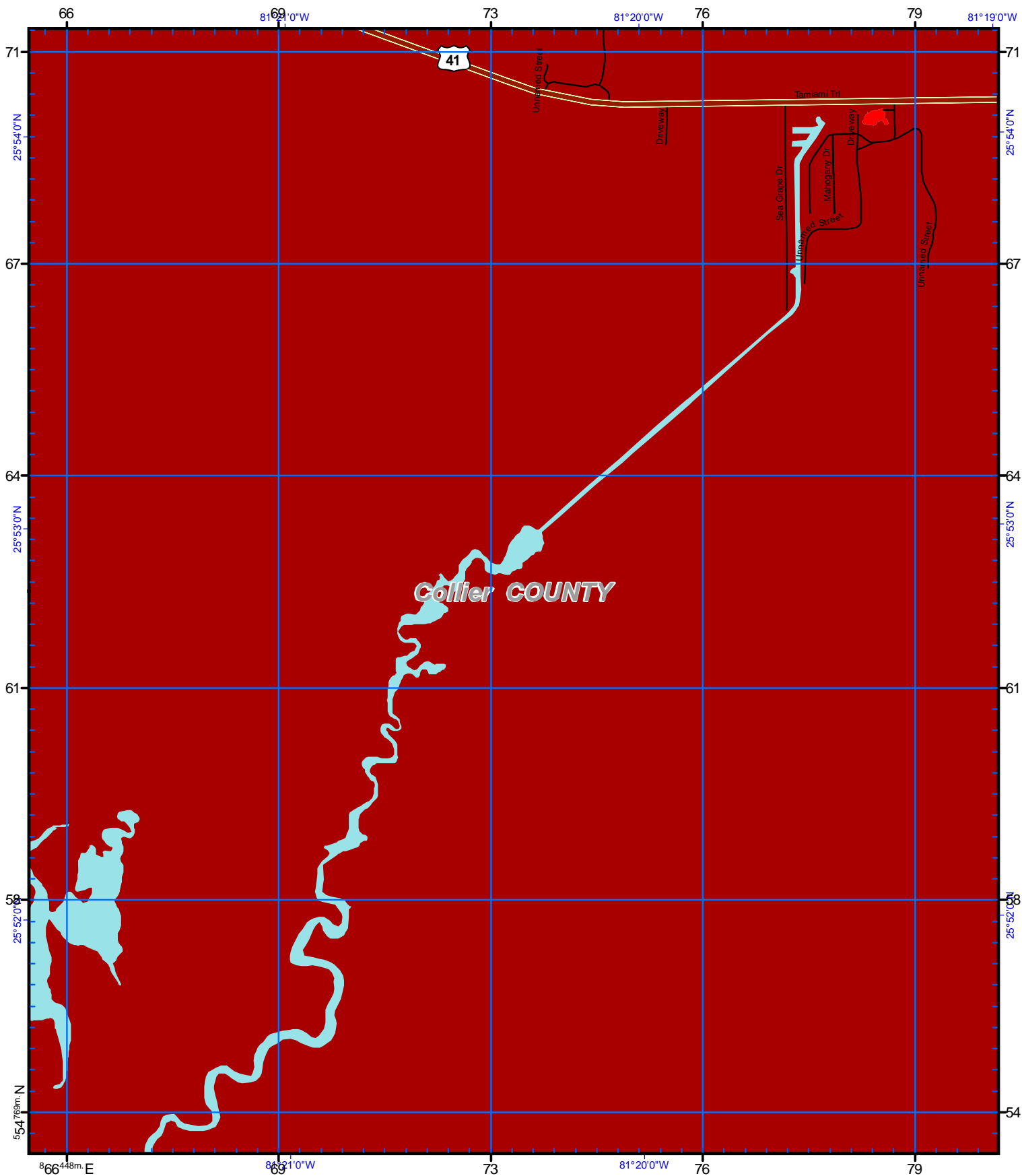
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
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US National Grid
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MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

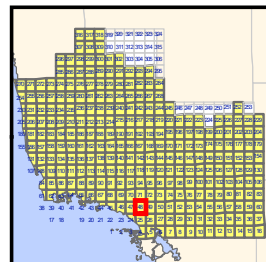
USNG Page **17R MJ 64 60**

Map Plate **48**

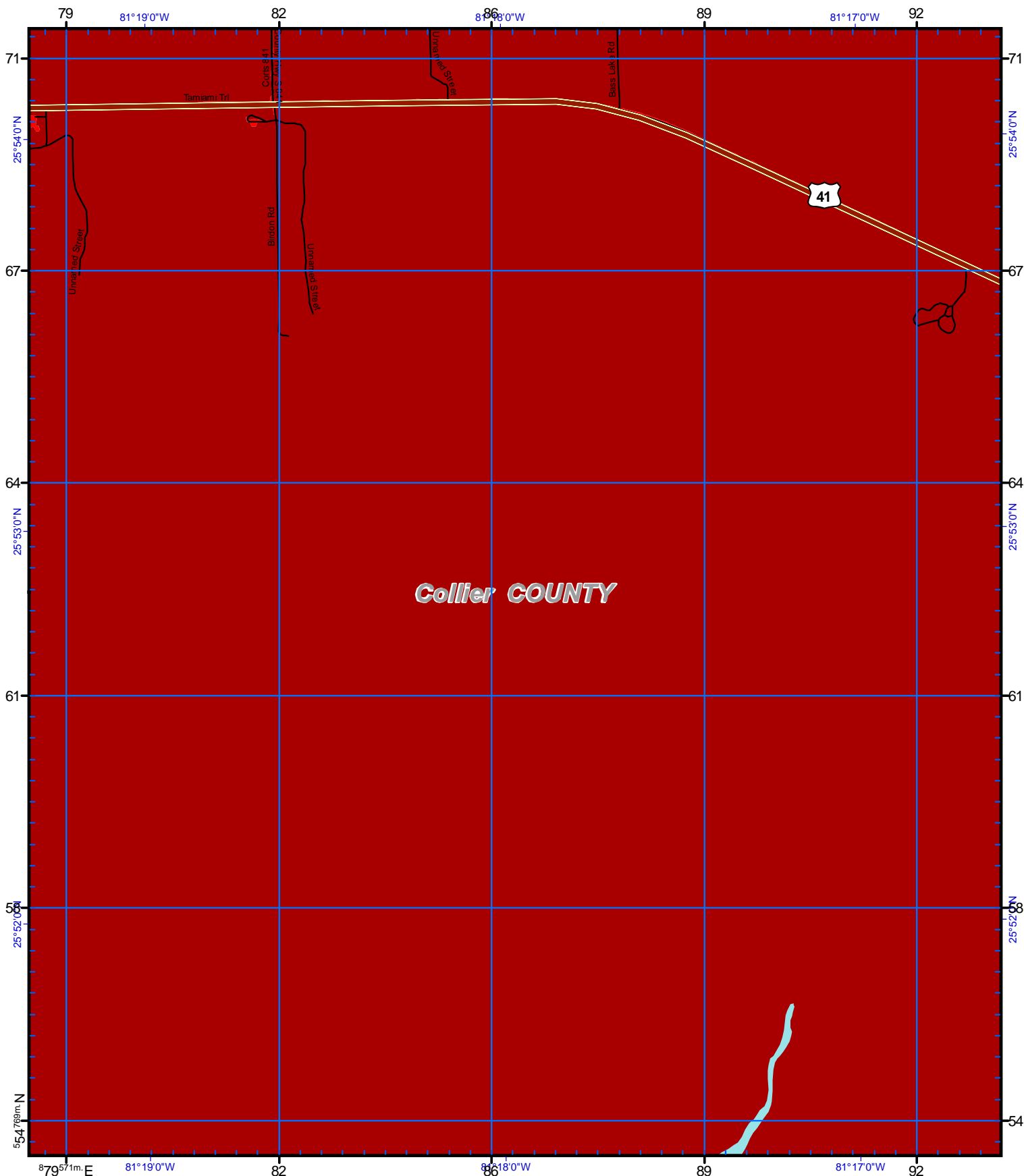
Page 66

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

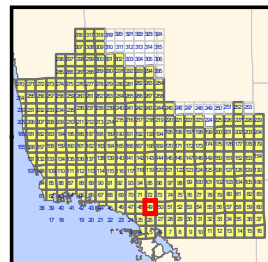
USNG Page **17R MJ 68 60**

Map Plate **49**

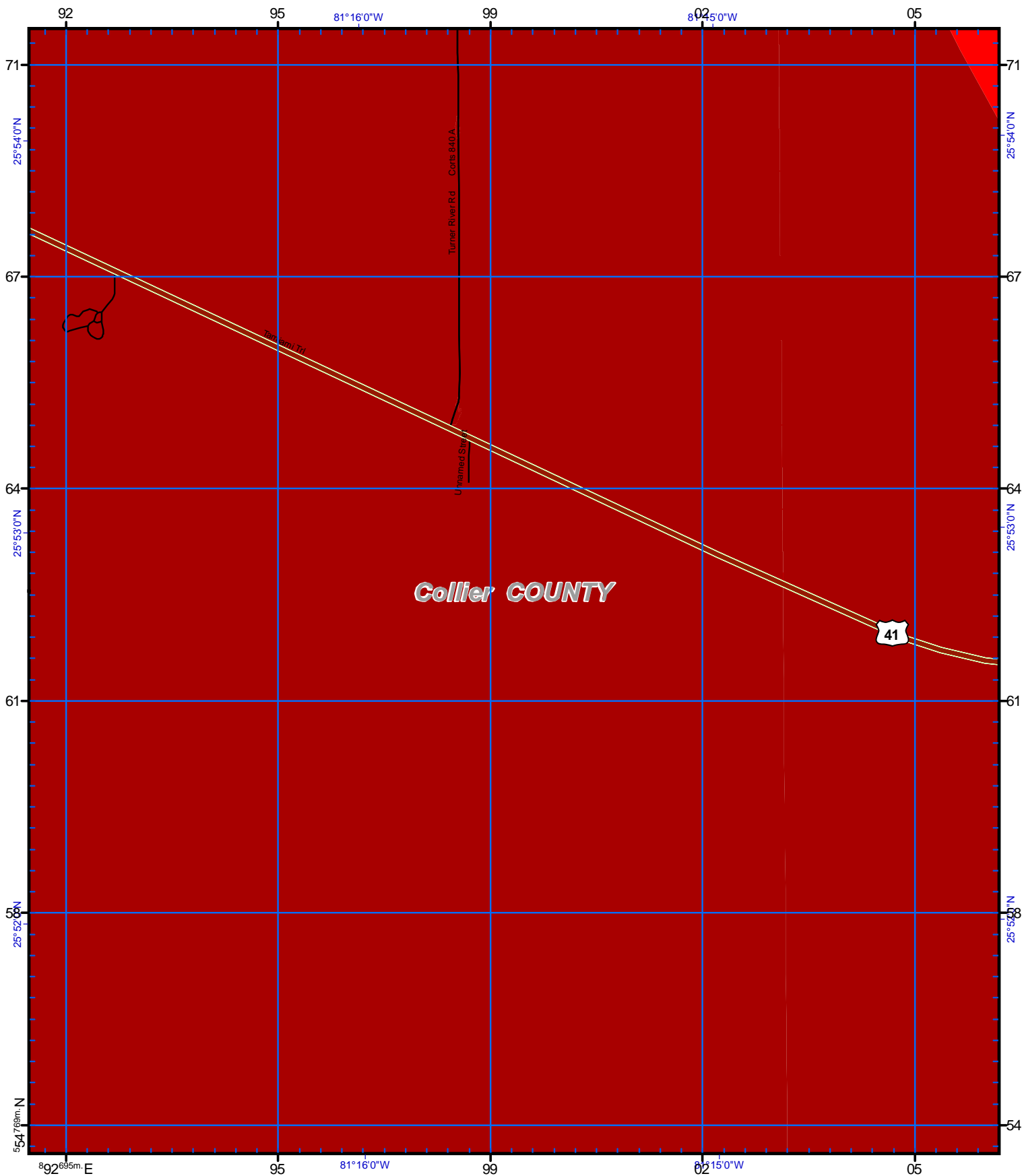
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Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	

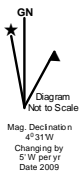


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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

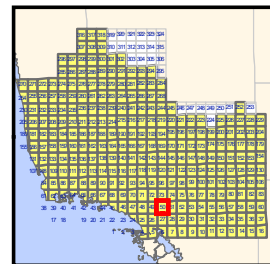
USNG Page 17R MJ 72 60

Map Plate 50

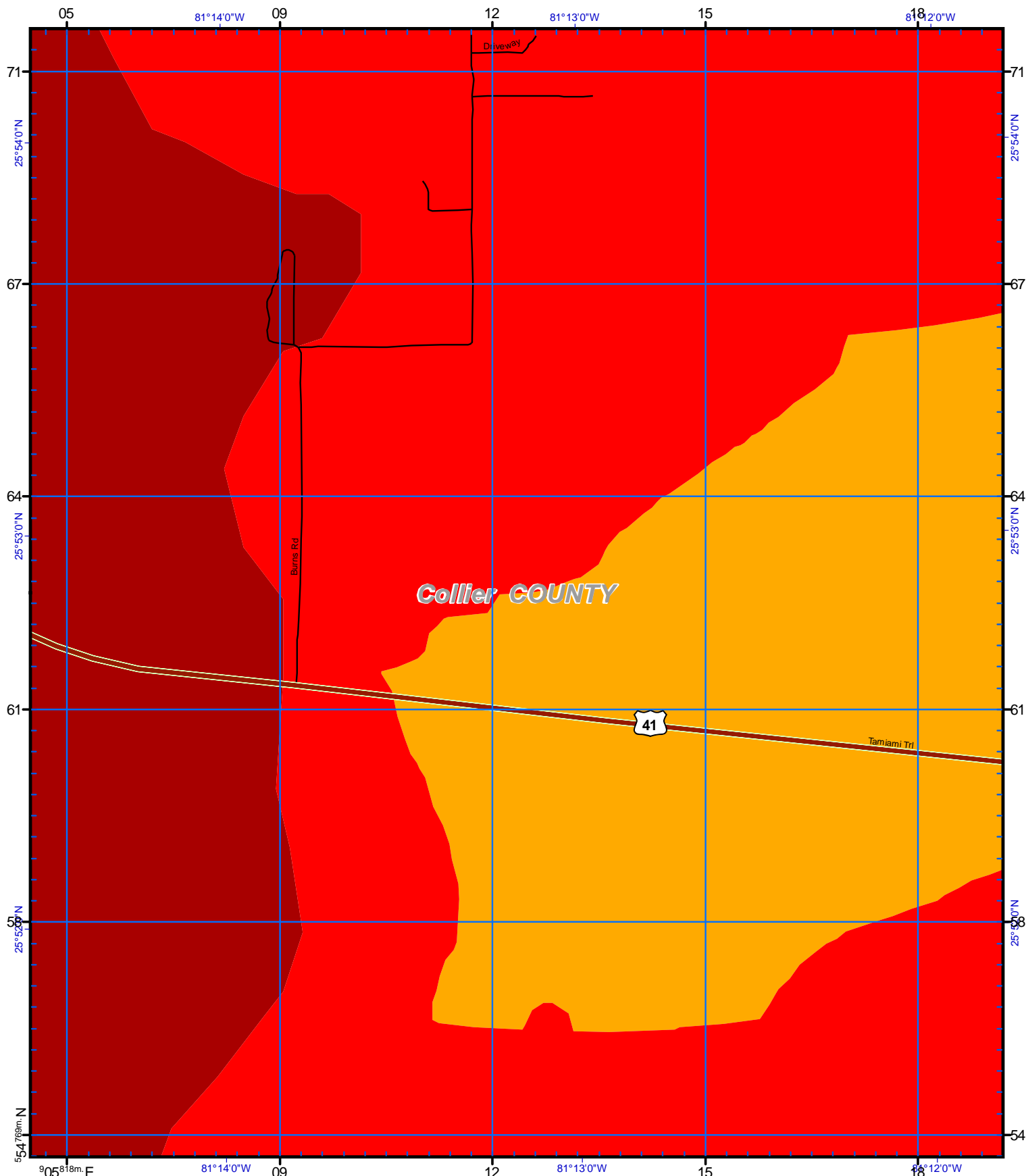
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Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
□	WATER	3	
		4	
		5	



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 76 60

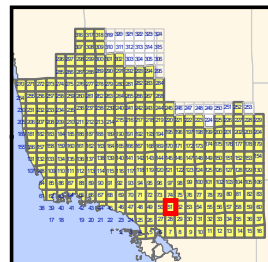
Map Plate 51

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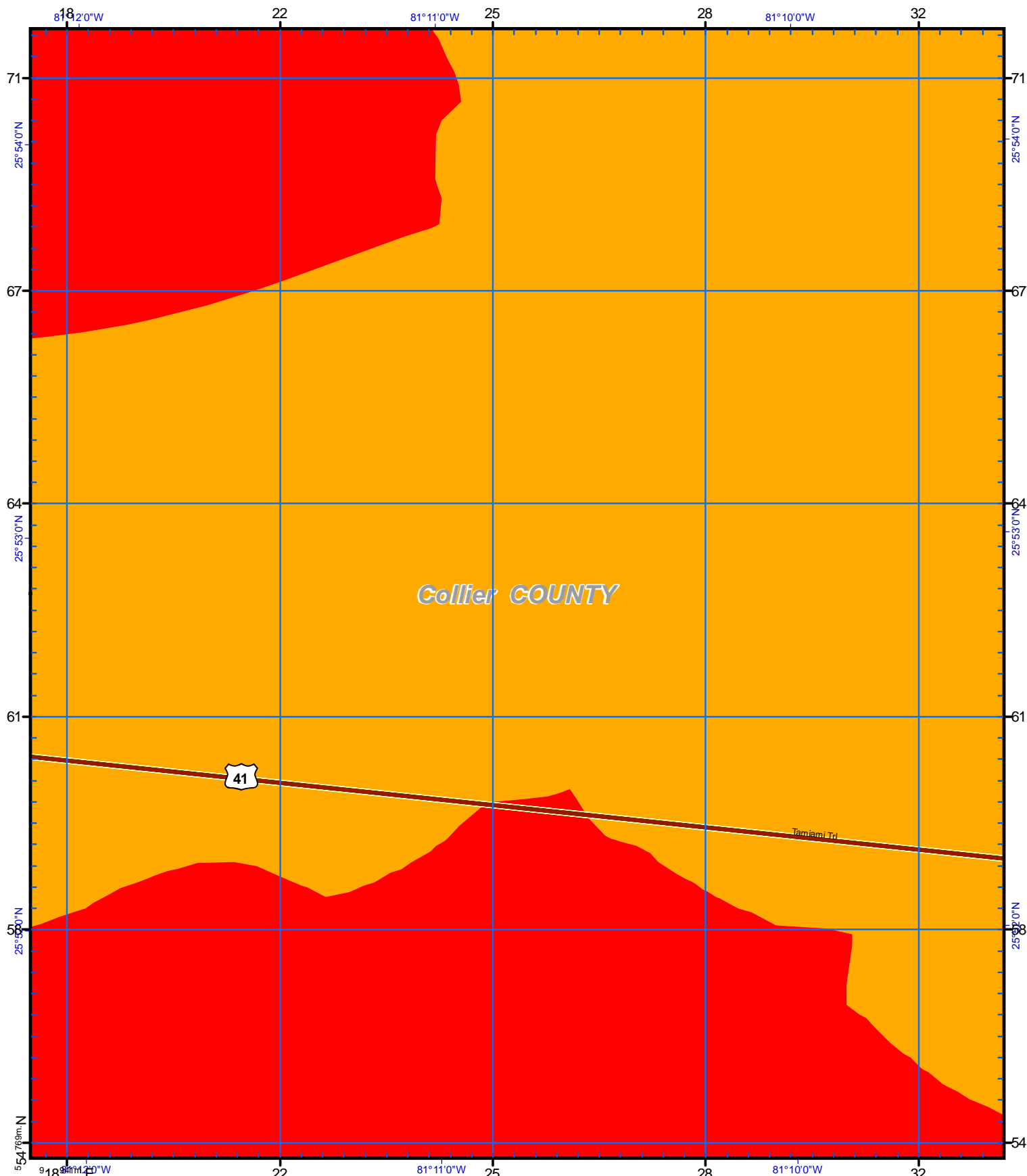
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 80 60

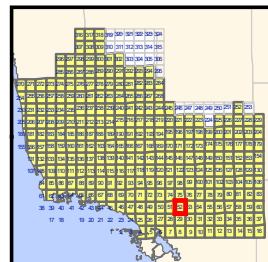
Map Plate 52

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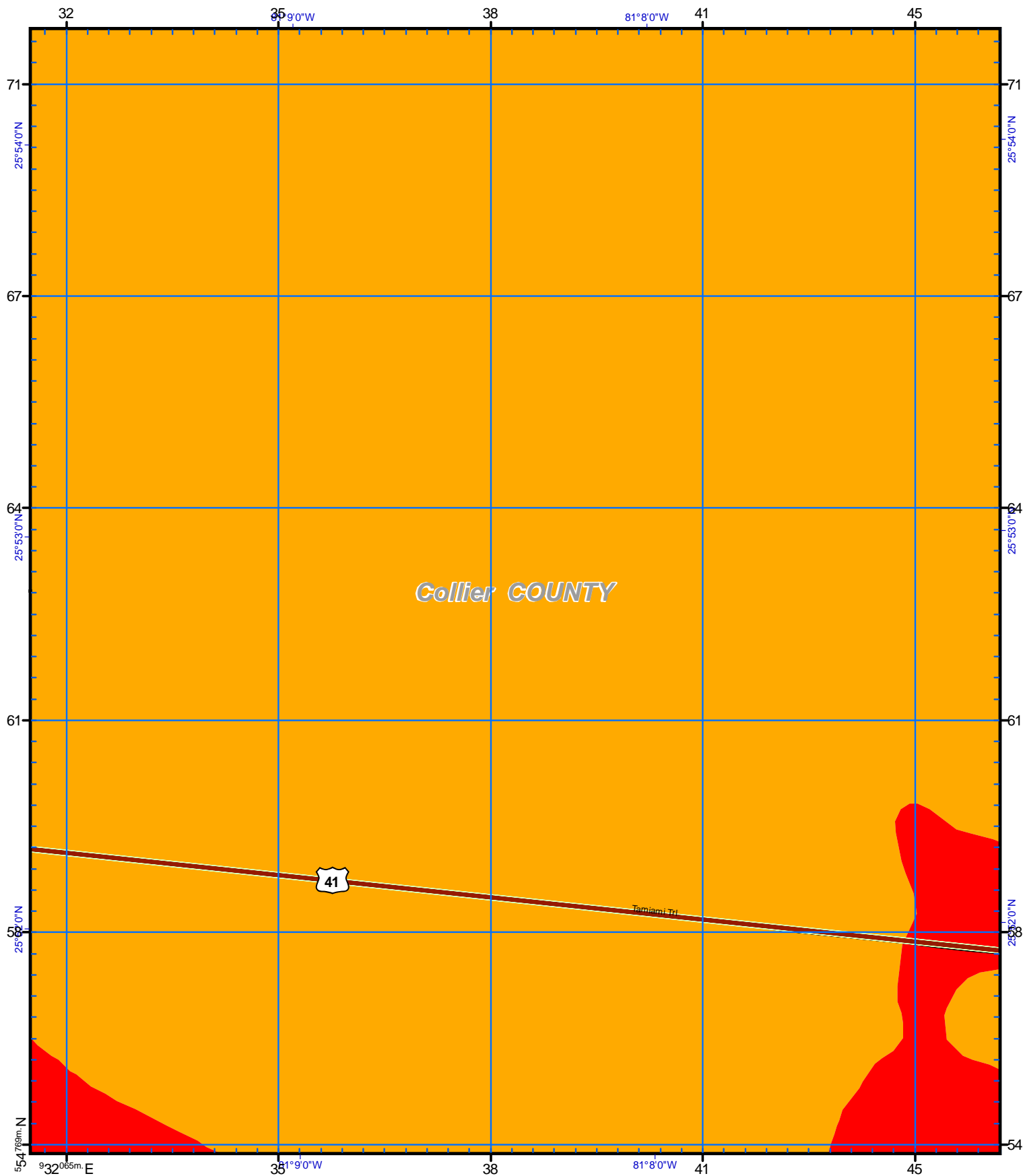
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 84 60**

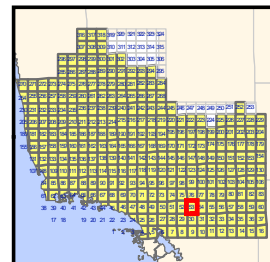
Map Plate **53**

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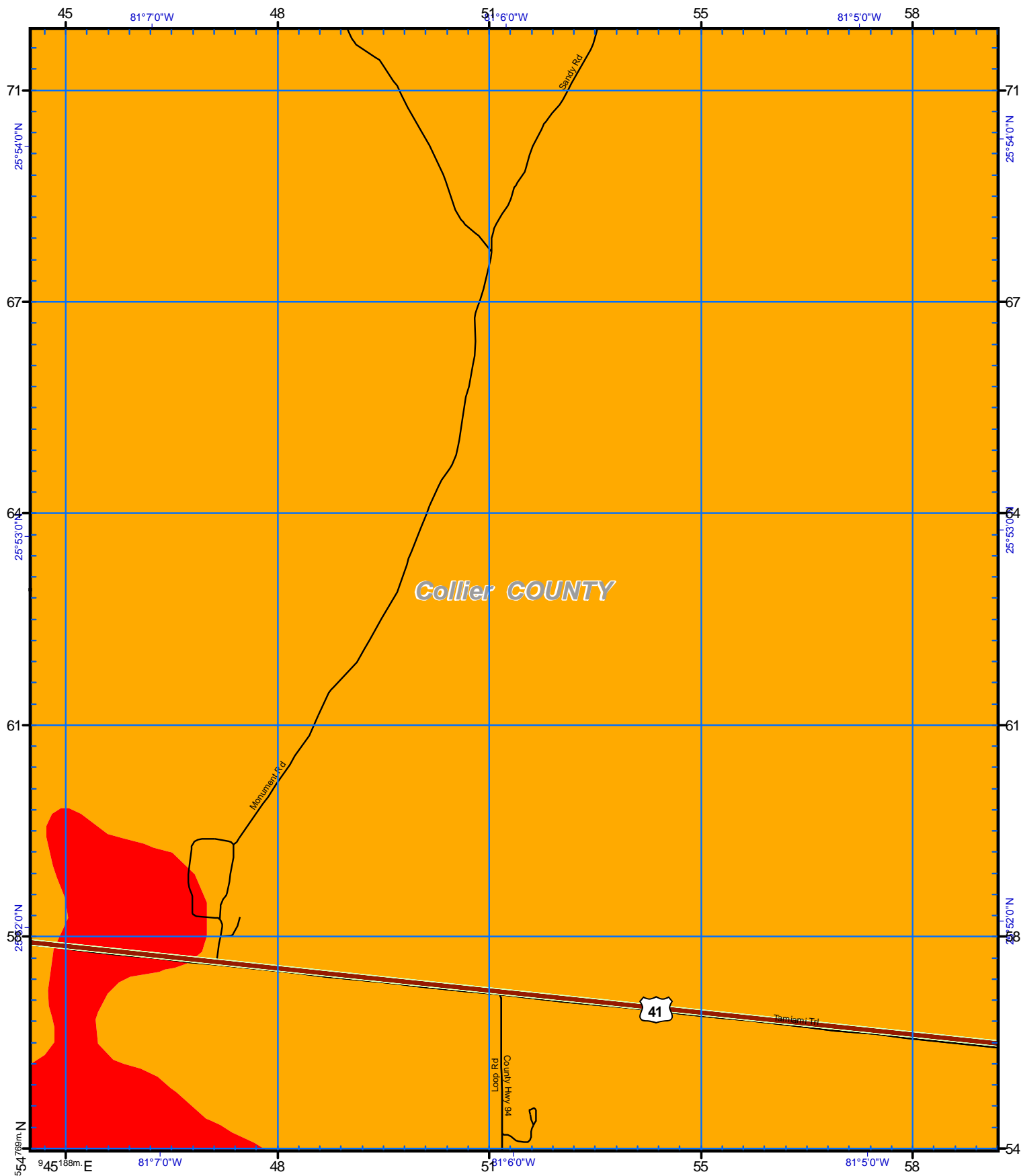
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
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MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



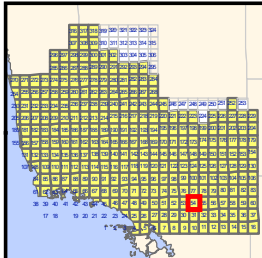
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Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 2,000 Feet
USNG Page **17R MJ 88 60**
Map Plate **54**
Page **72**

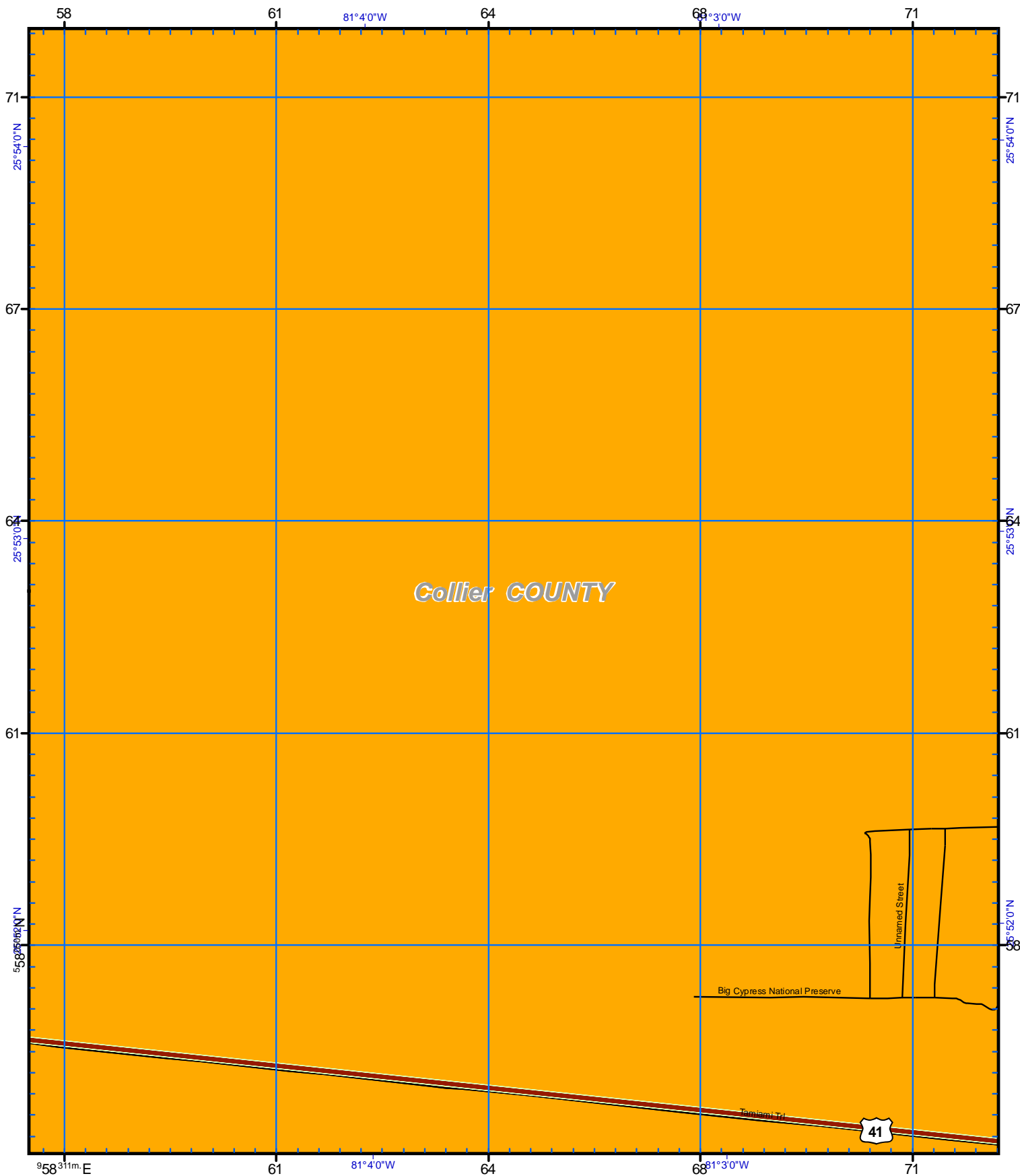
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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100,000-m Square ID
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Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 92 60

Map Plate 55

Page 73

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

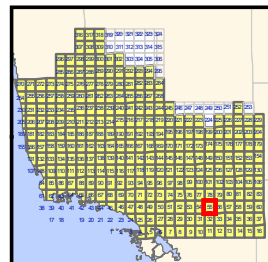
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2

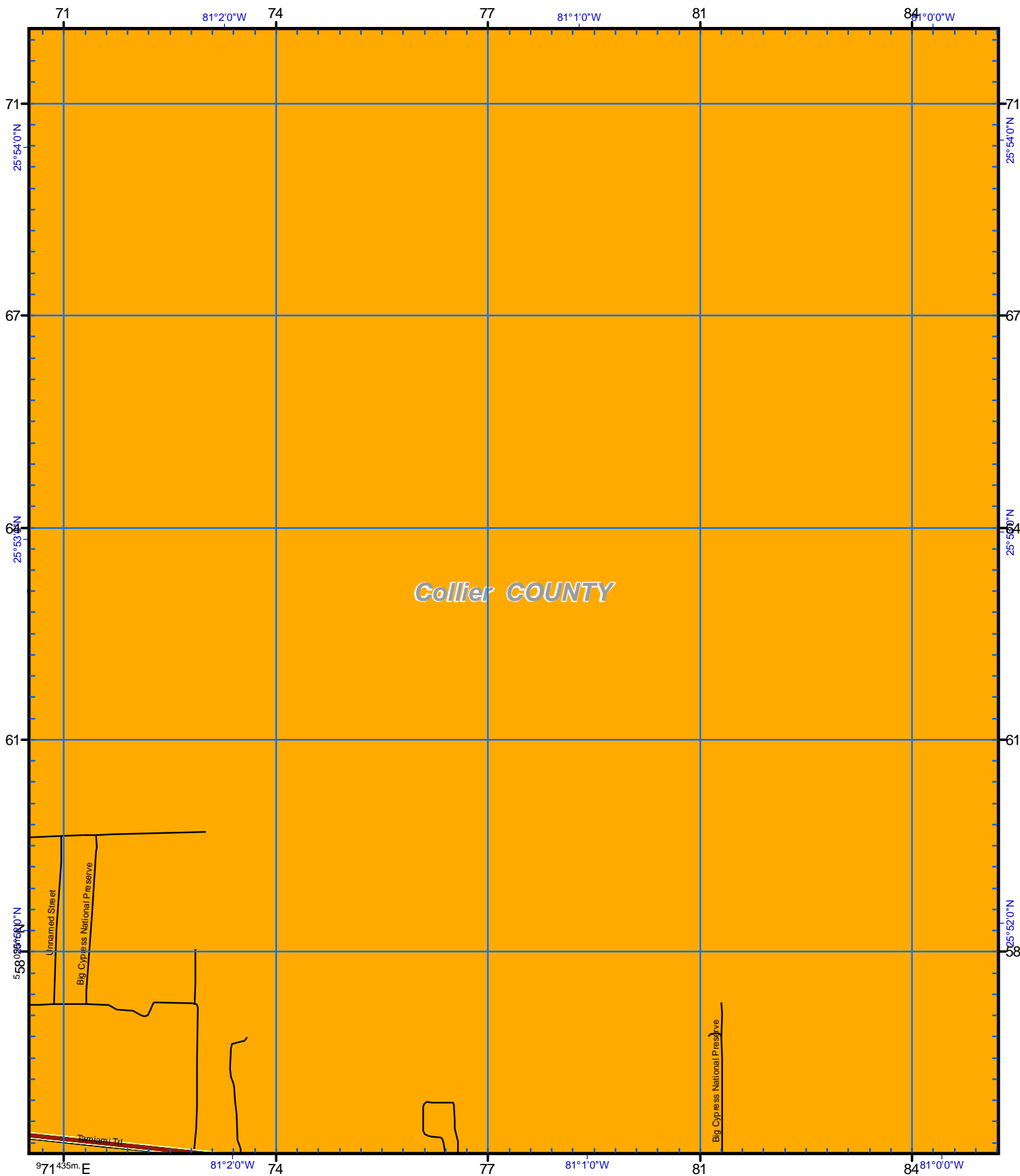
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5



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.



US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 96 60

Map Plate 56

Page 74

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

1

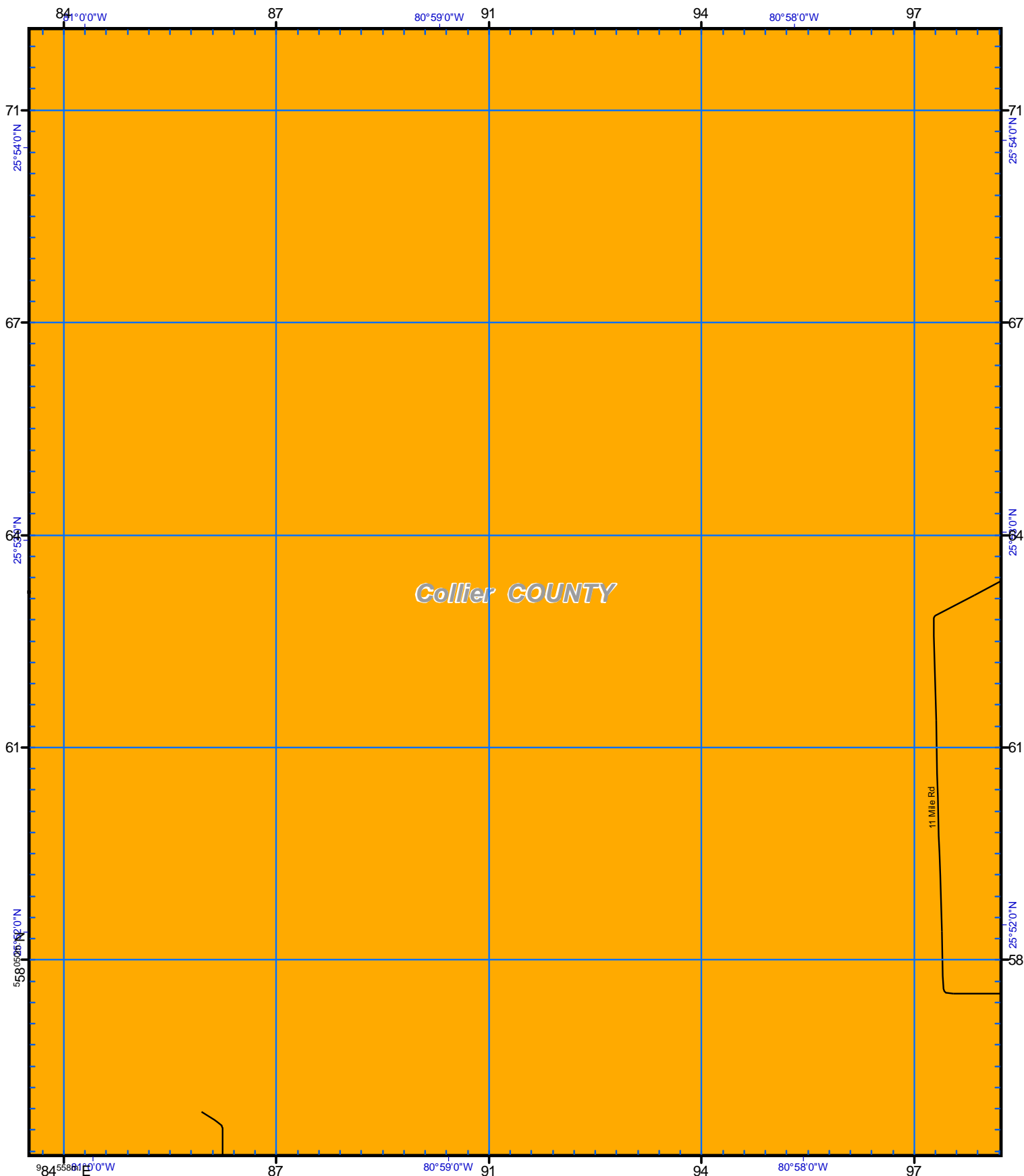
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3

4

5

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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 00 60

Map Plate 57

Page 75

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

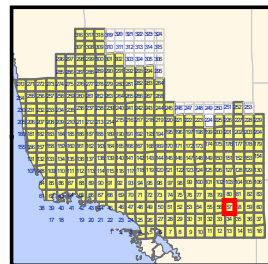
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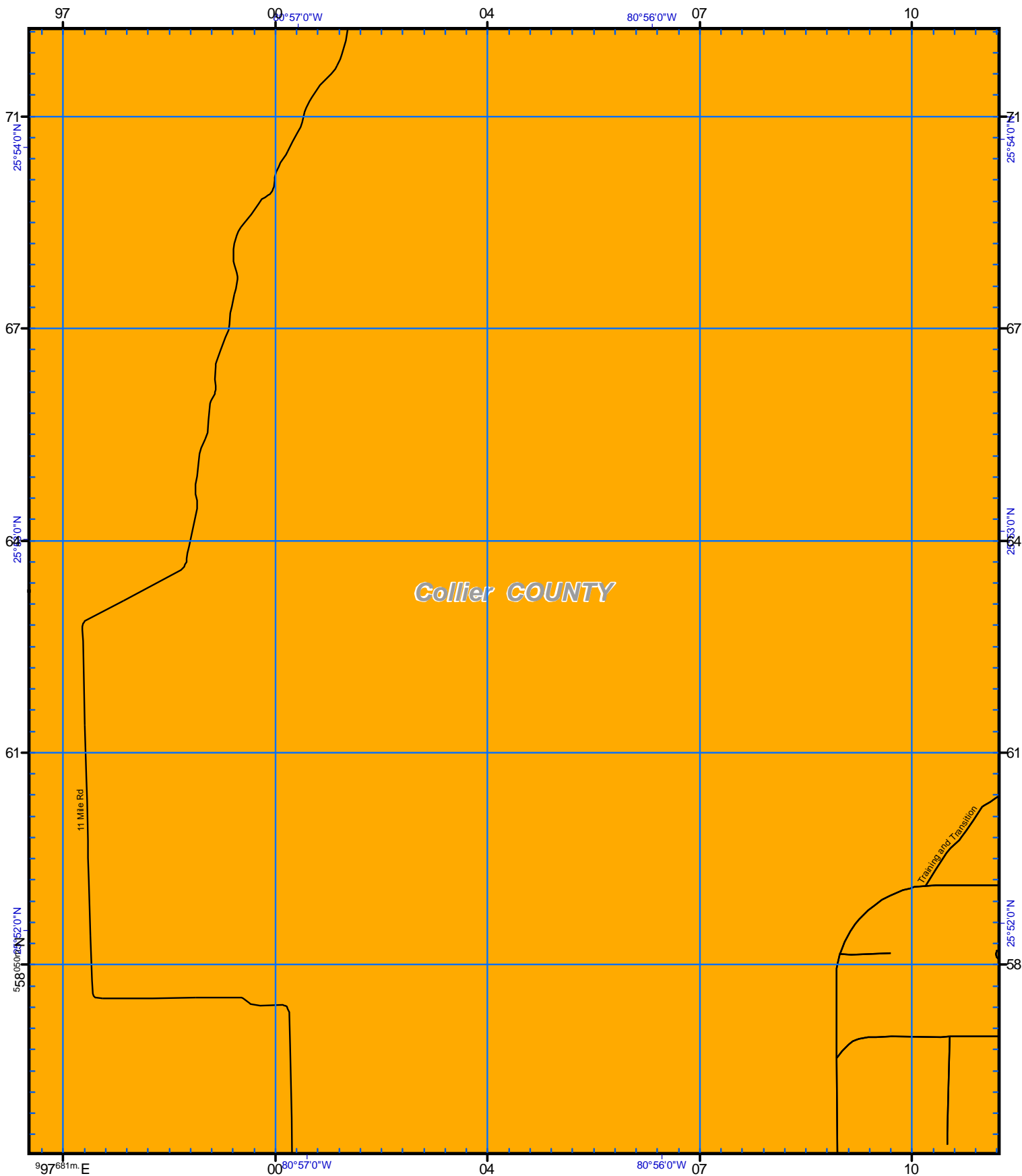
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management implementation are local responsibilities.
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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 04 60

Map Plate 58

Page 76

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

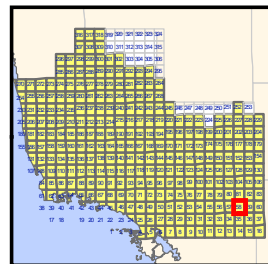
1

2

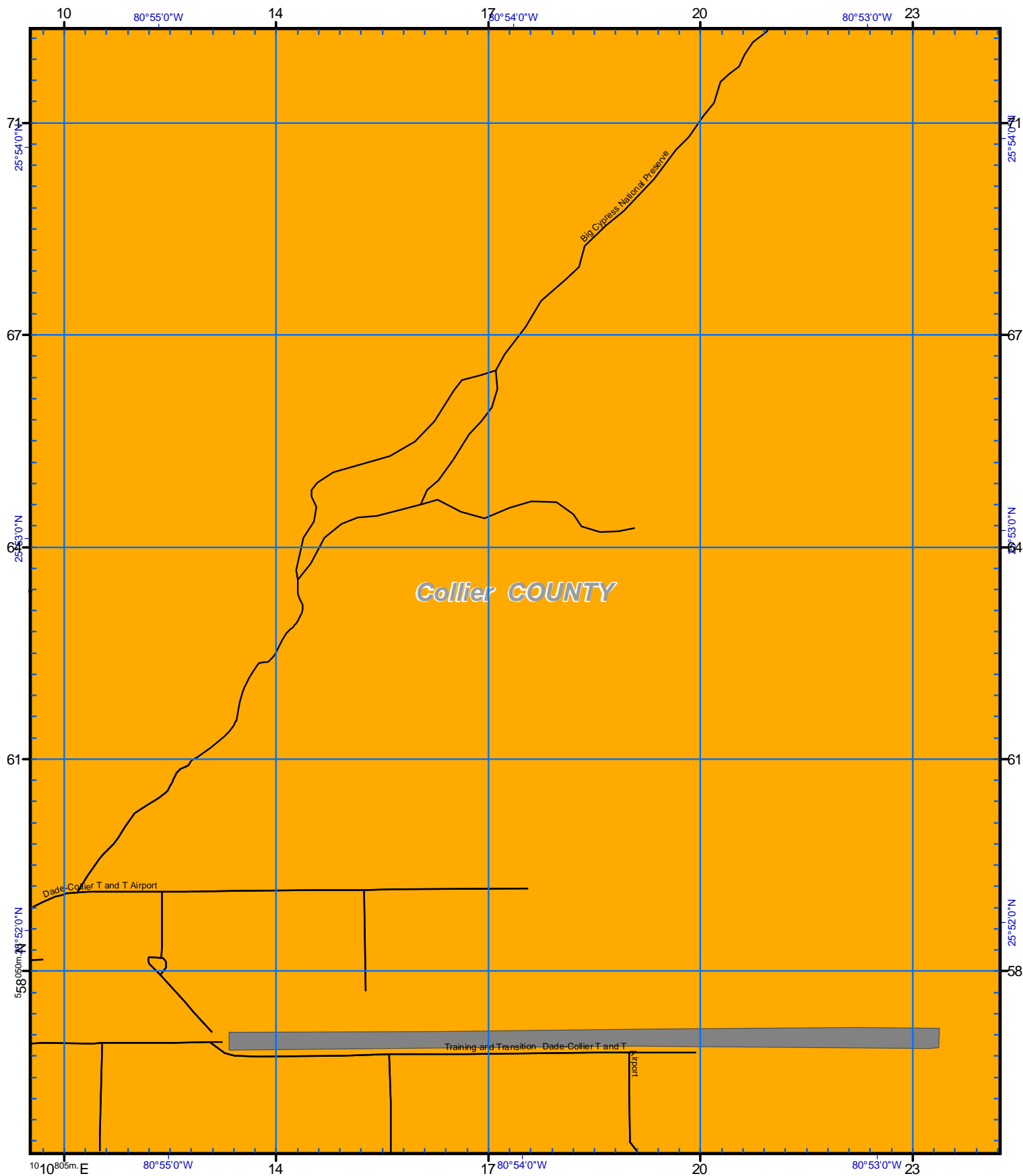
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4

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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 08 60**

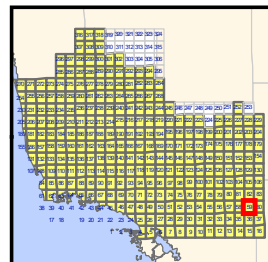
Map Plate **59**

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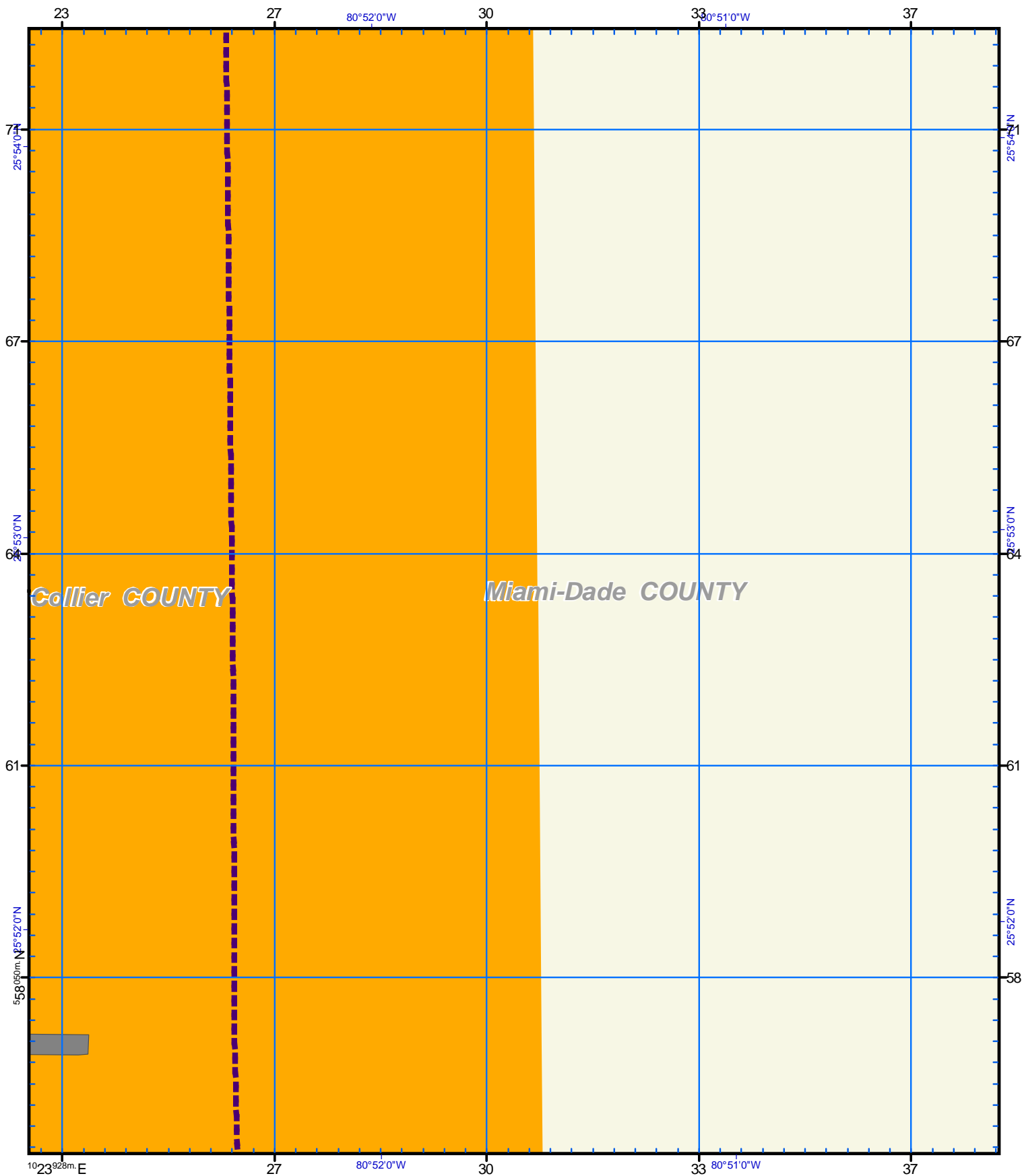
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 12 60

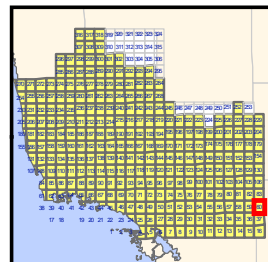
Map Plate 60

Page 78

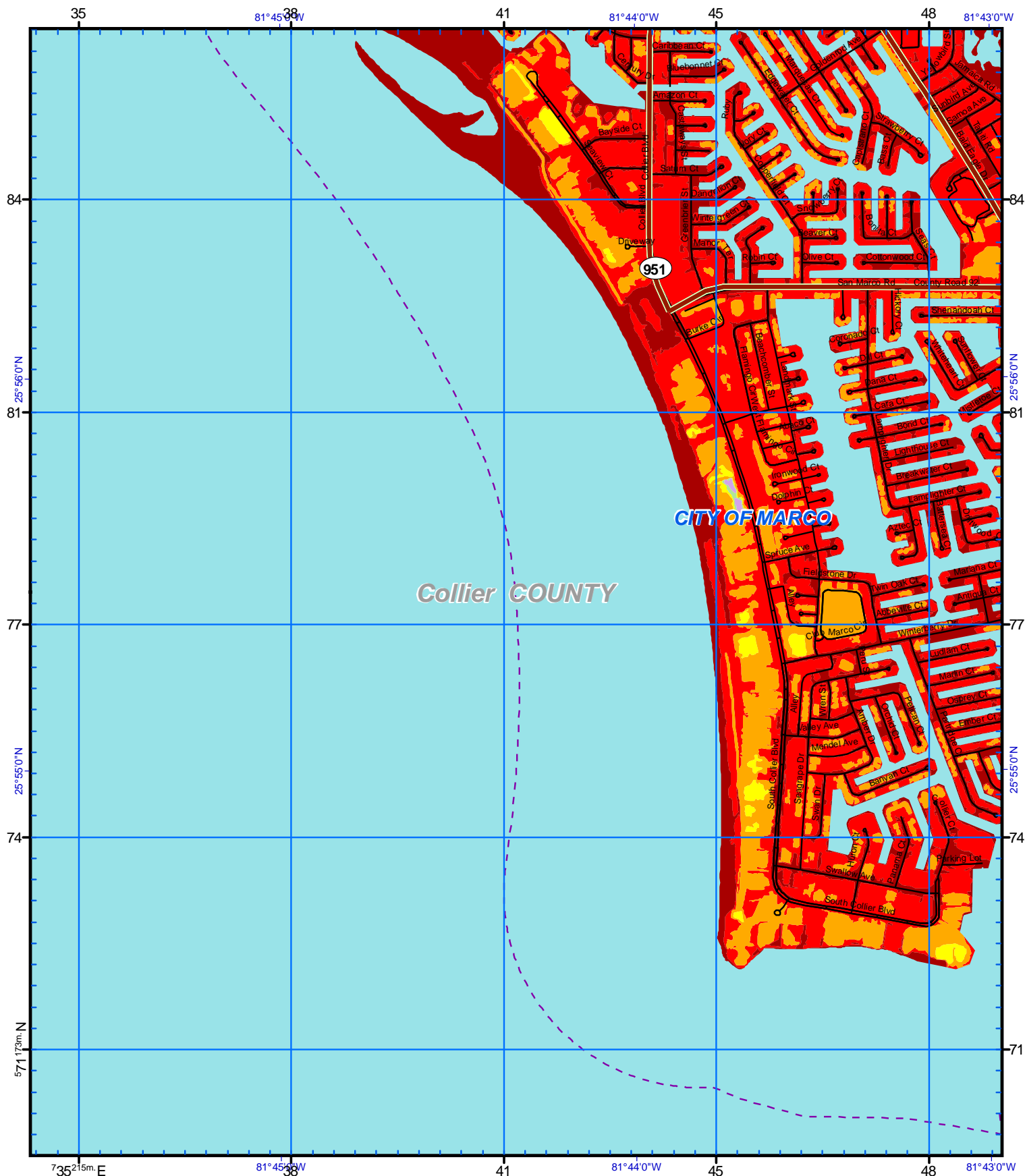
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	■
2	■
3	■
4	■
5	■



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 24 65

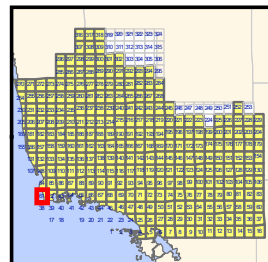
Map Plate 61

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Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 28 65

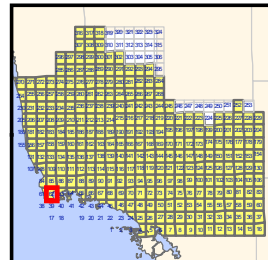
Map Plate 62

Page 80

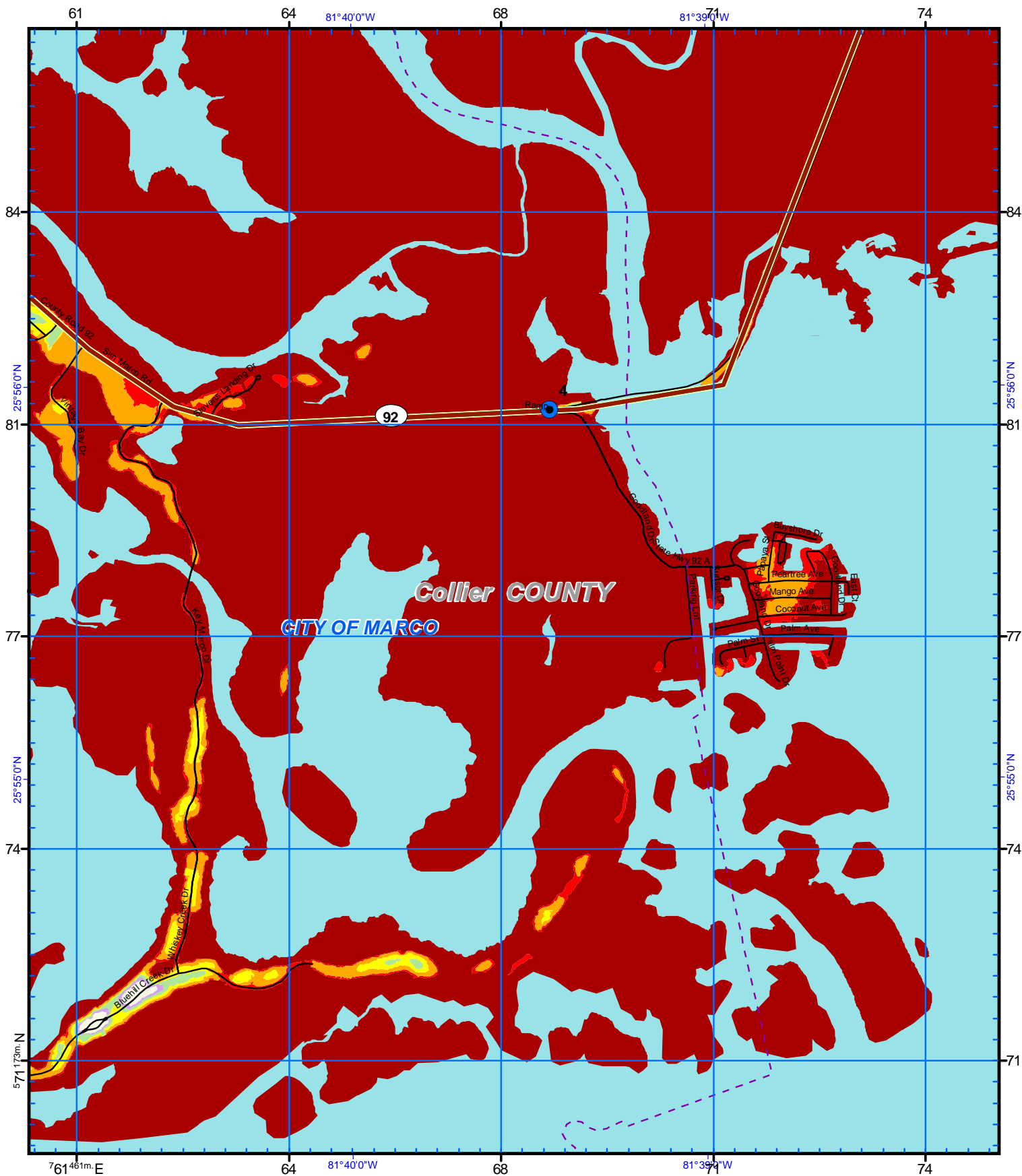
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
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MJ
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 32 65

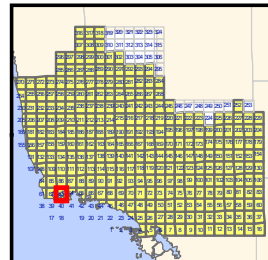
Map Plate 63

Page 81

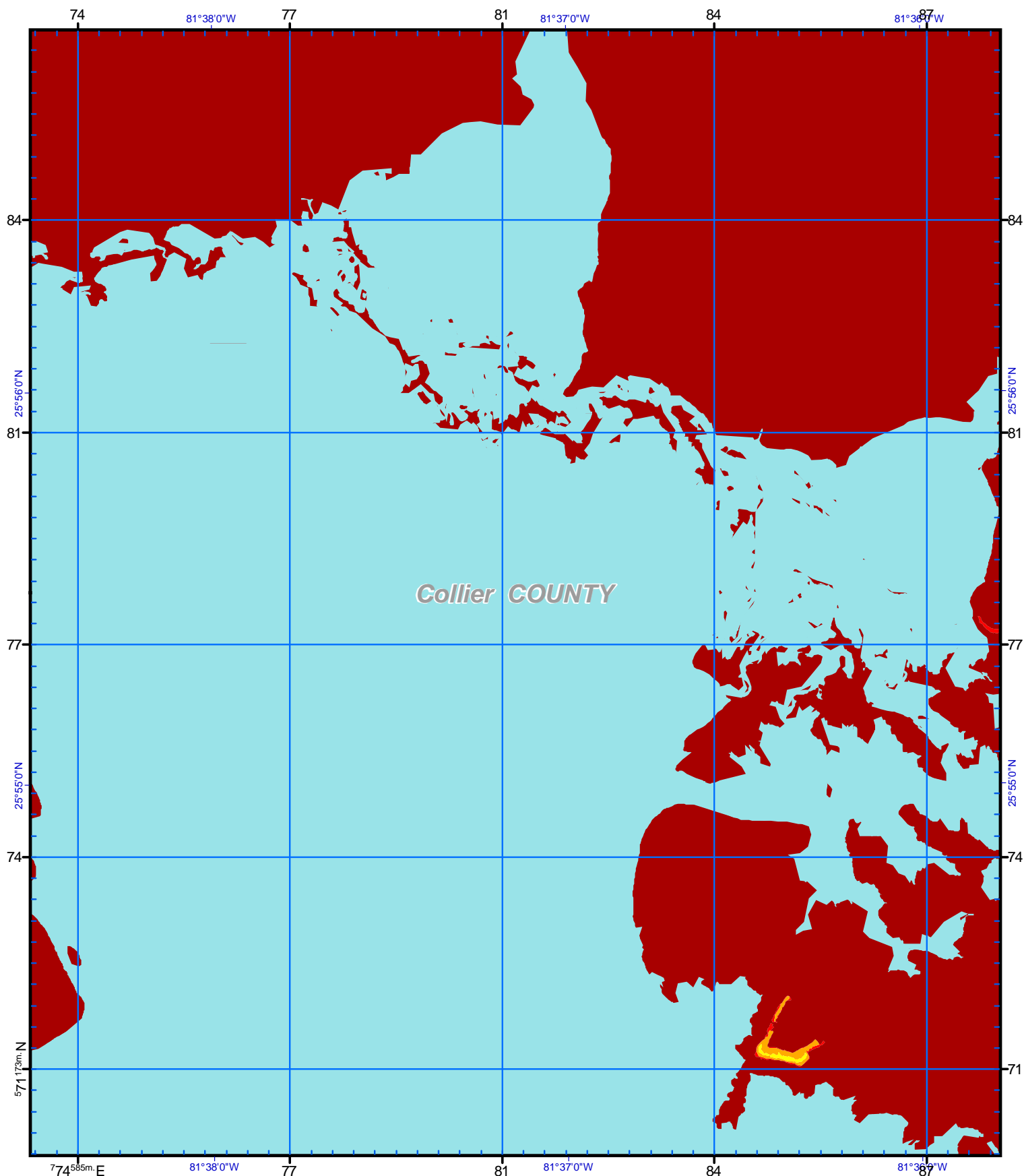
Legend

- Ref Point
- ⌘ HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 36 65

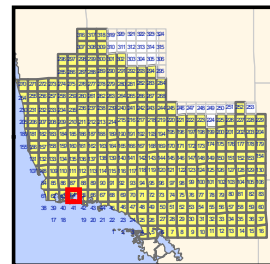
Map Plate 64

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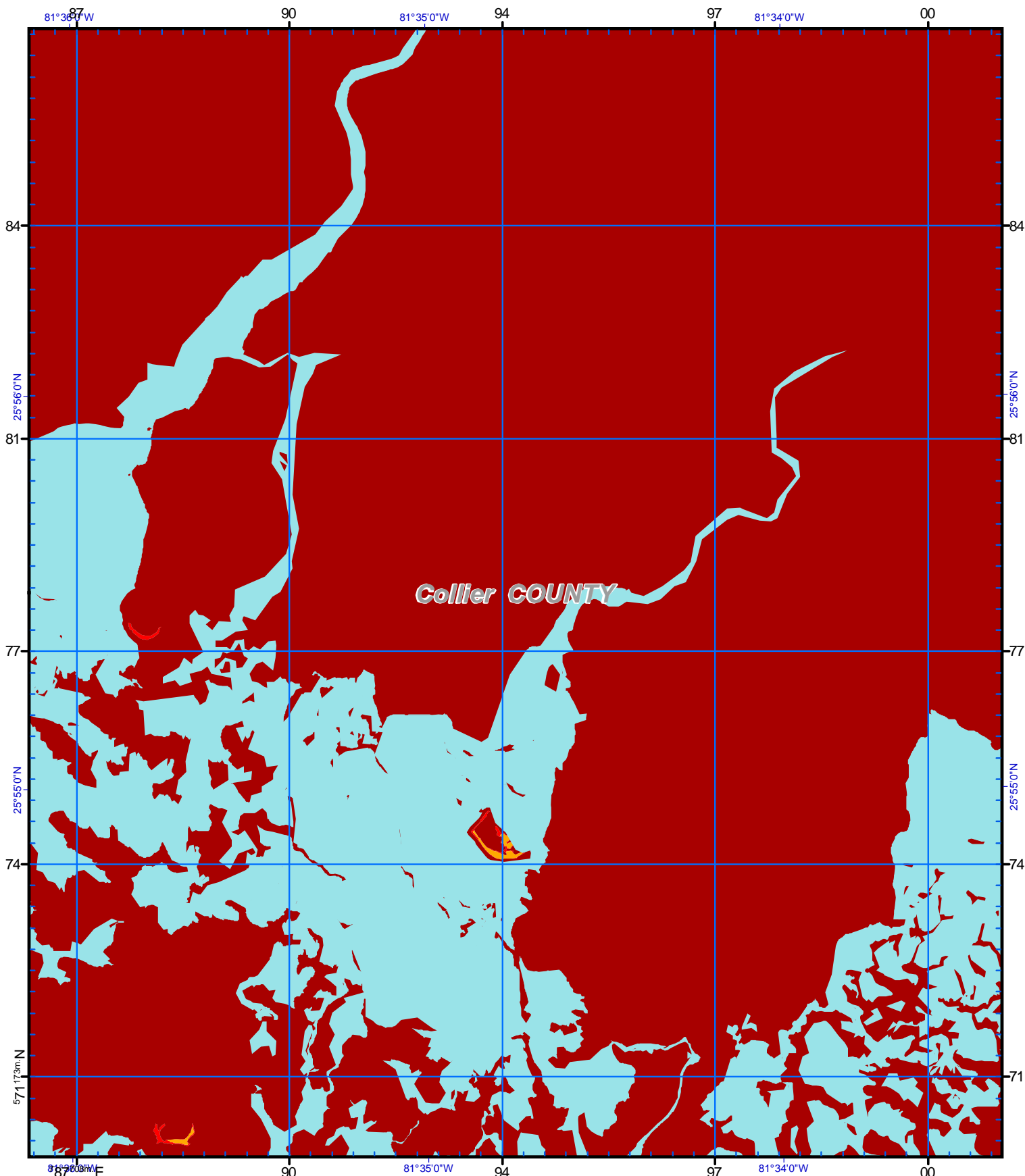
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬢ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 40 65**

Map Plate **65**

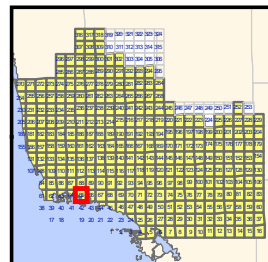
Page 83

Legend

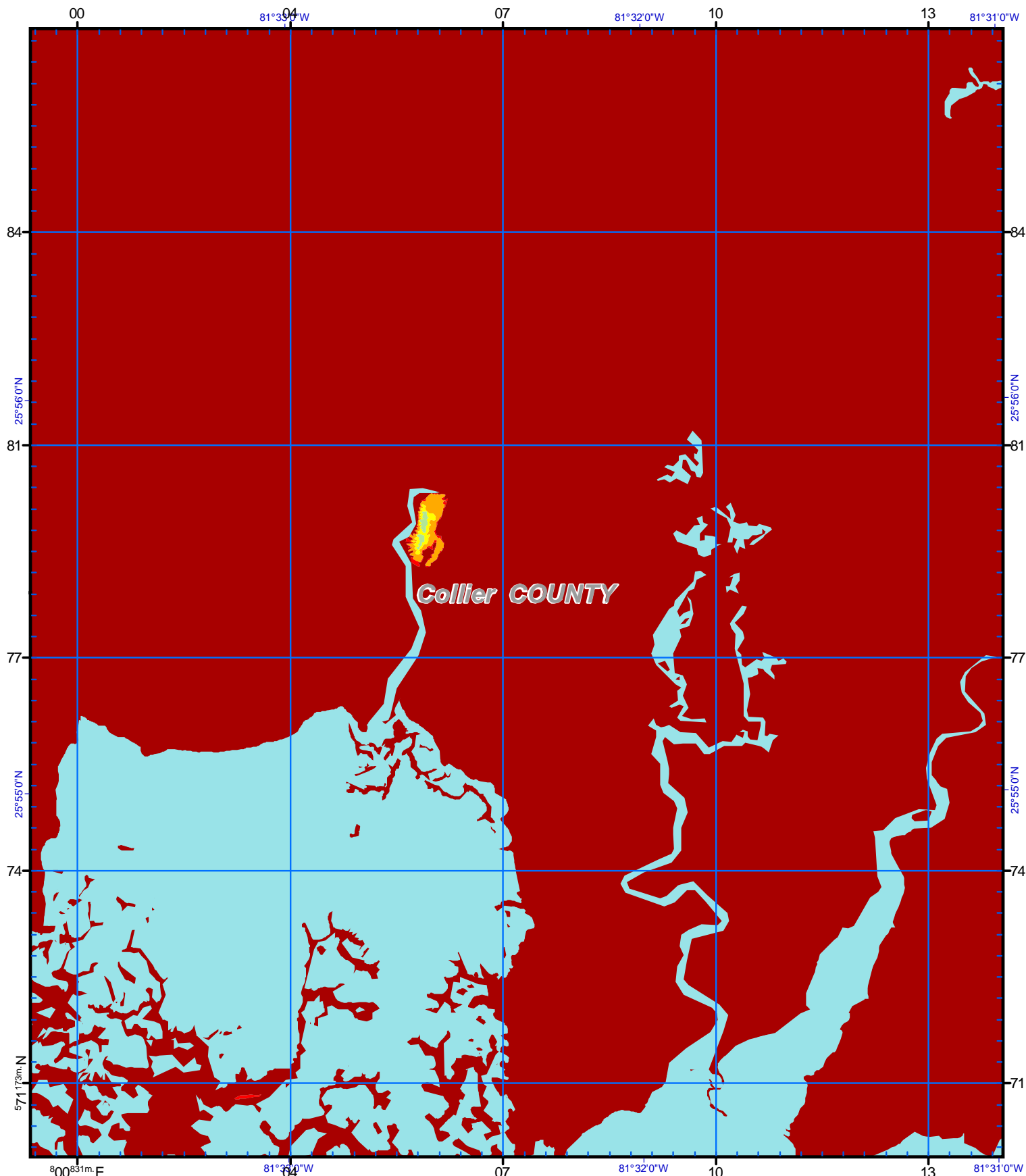
- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
TS
1
2
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4
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■
■
■
■



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 44 65

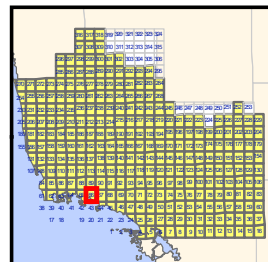
Map Plate 66

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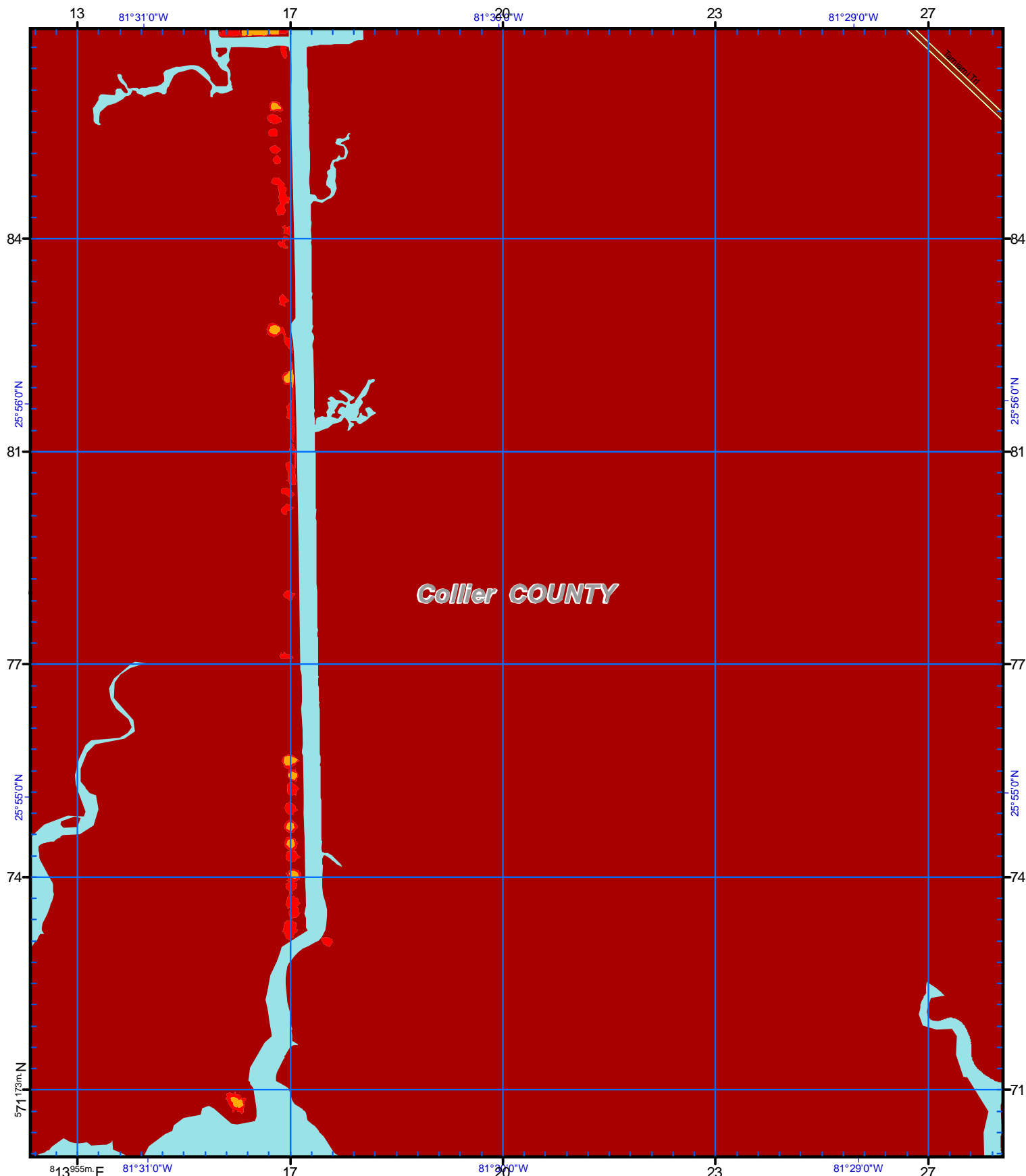
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
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MJ
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

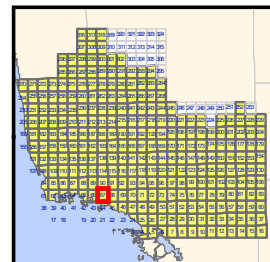
USNG Page **17R MJ 48 65**

Map Plate **67**

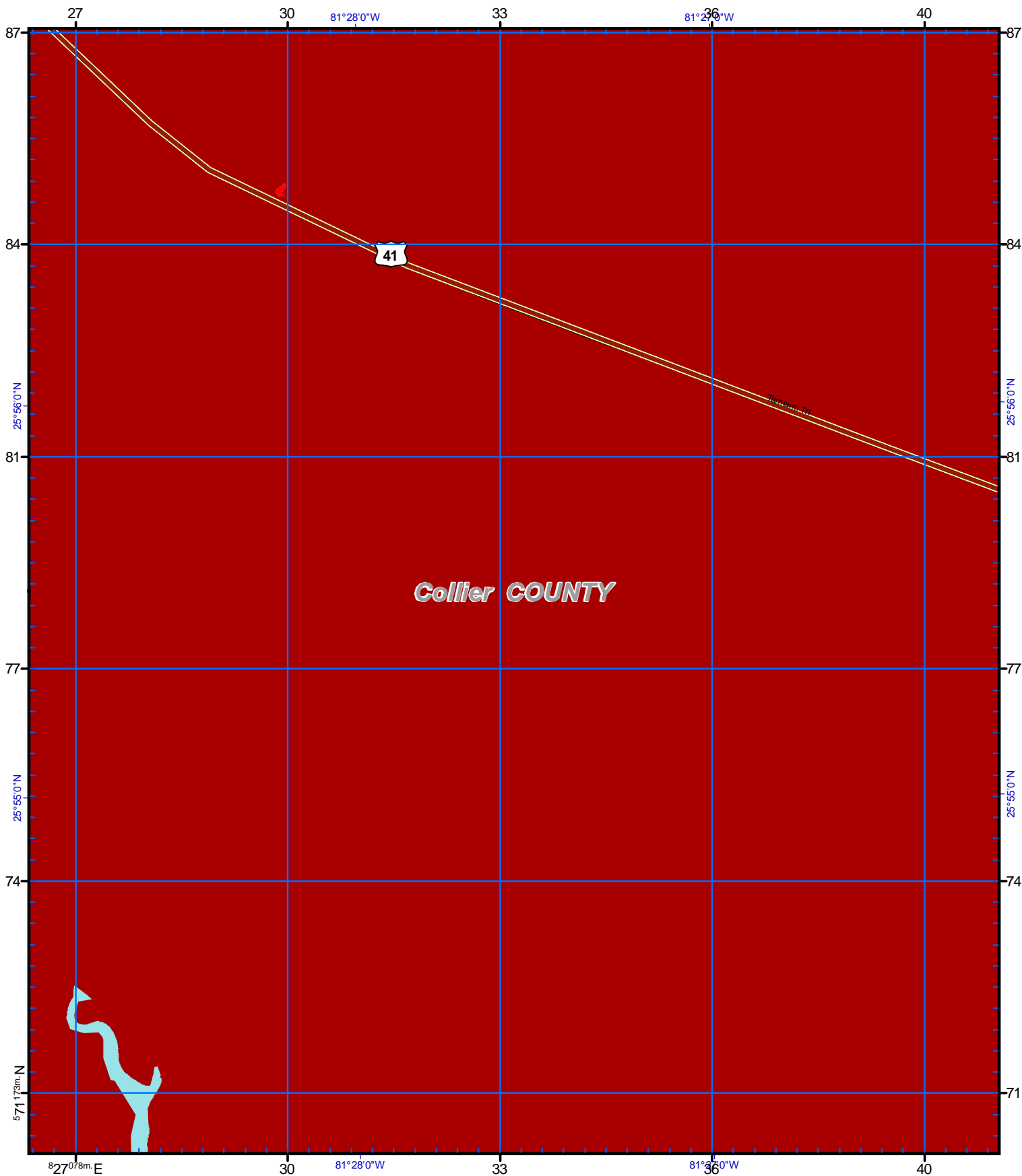
Page 85

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	Red
—	Evac Route	2	Orange
□	WATER	3	Yellow
		4	Light Green
		5	Purple



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US National Grid
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Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

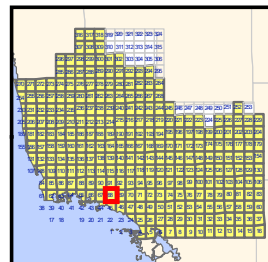
USNG Page 17R MJ 52 65

Map Plate 68

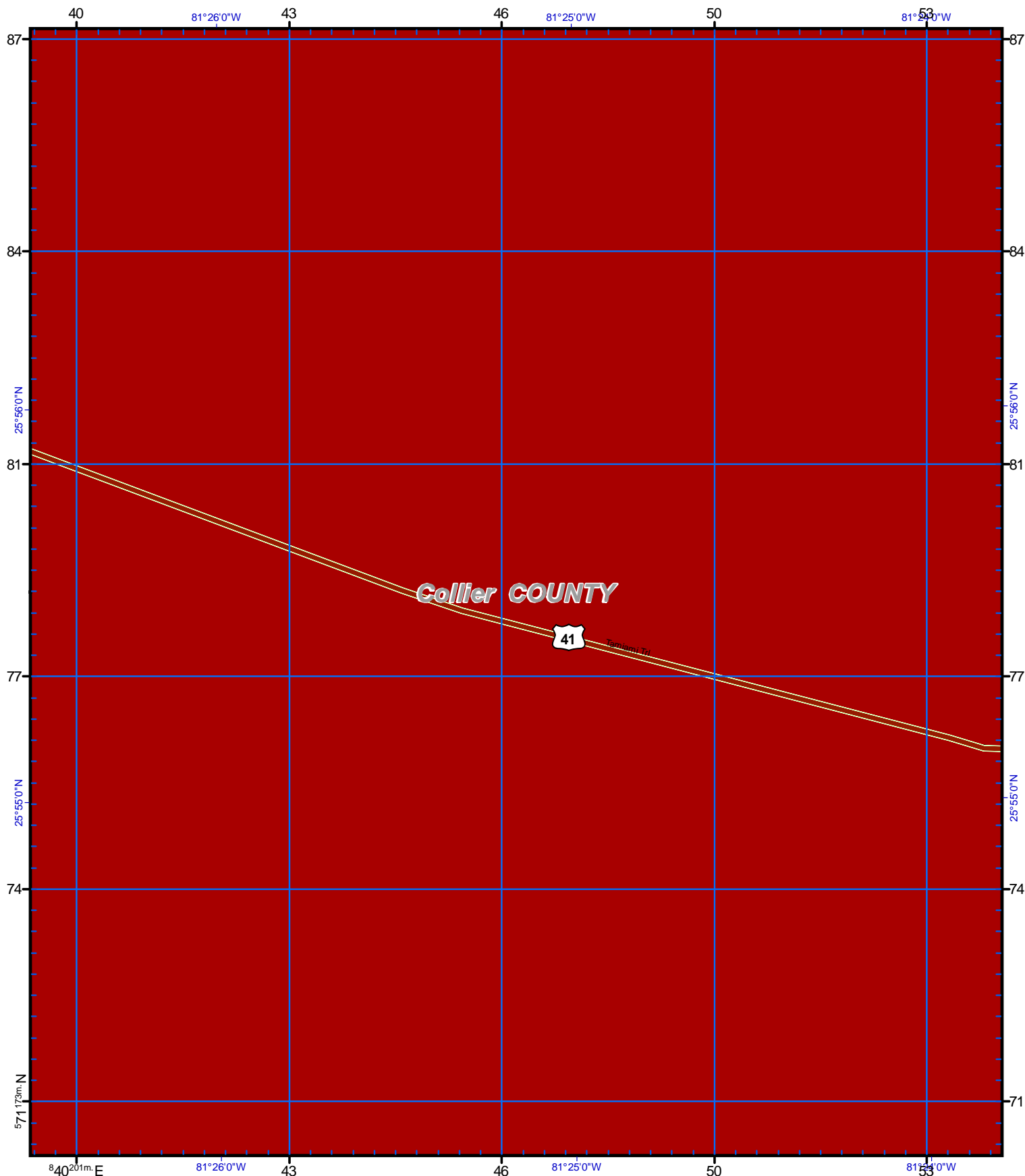
Page 86

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
■	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 56 65

Map Plate 69

Page 87

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

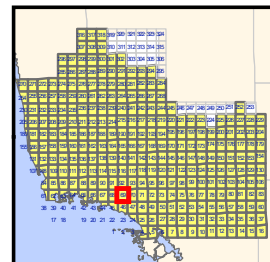
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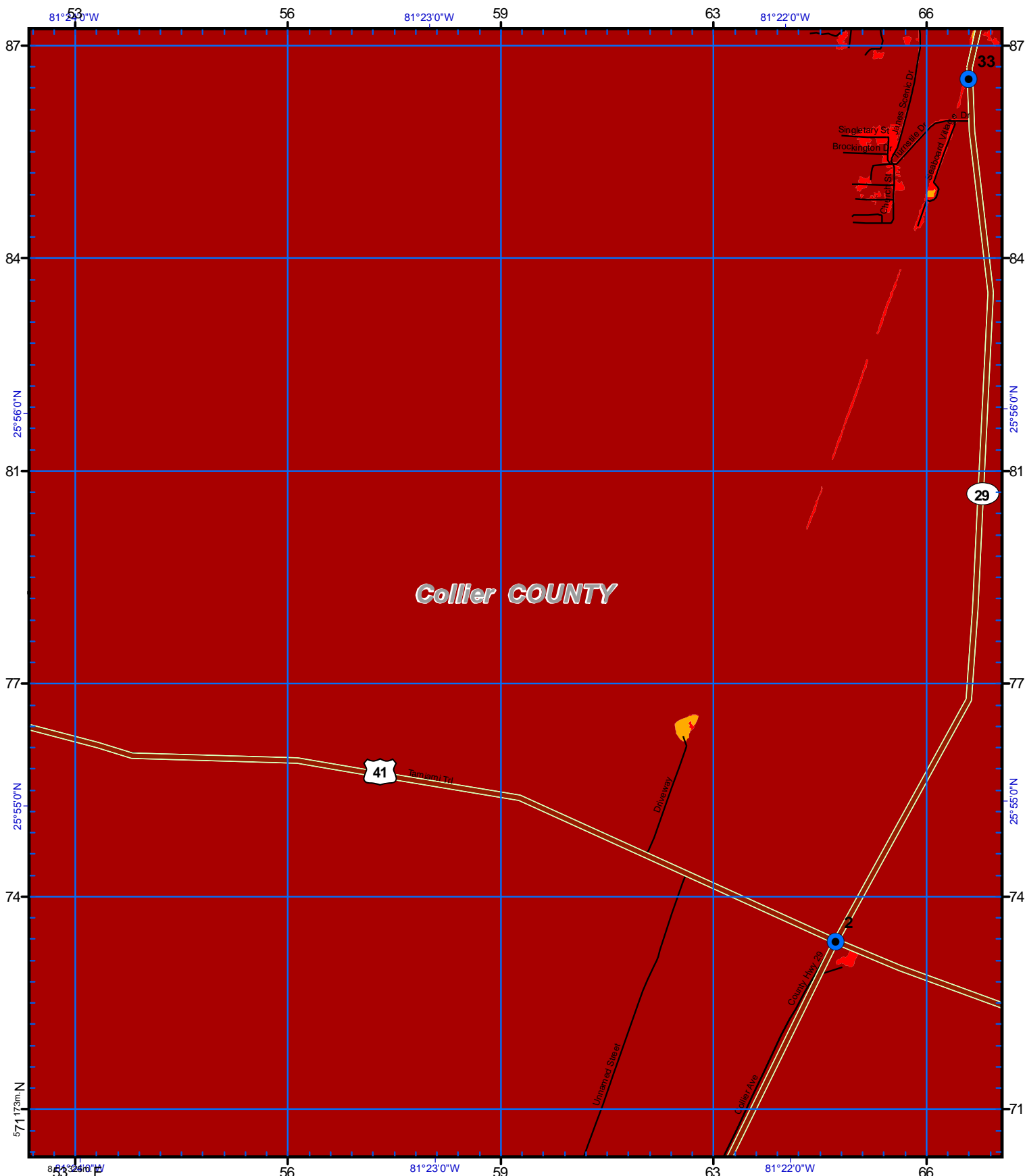
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4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 60 65

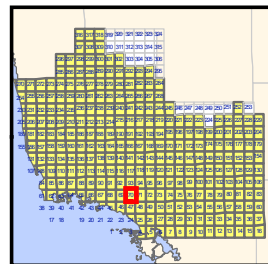
Map Plate 70

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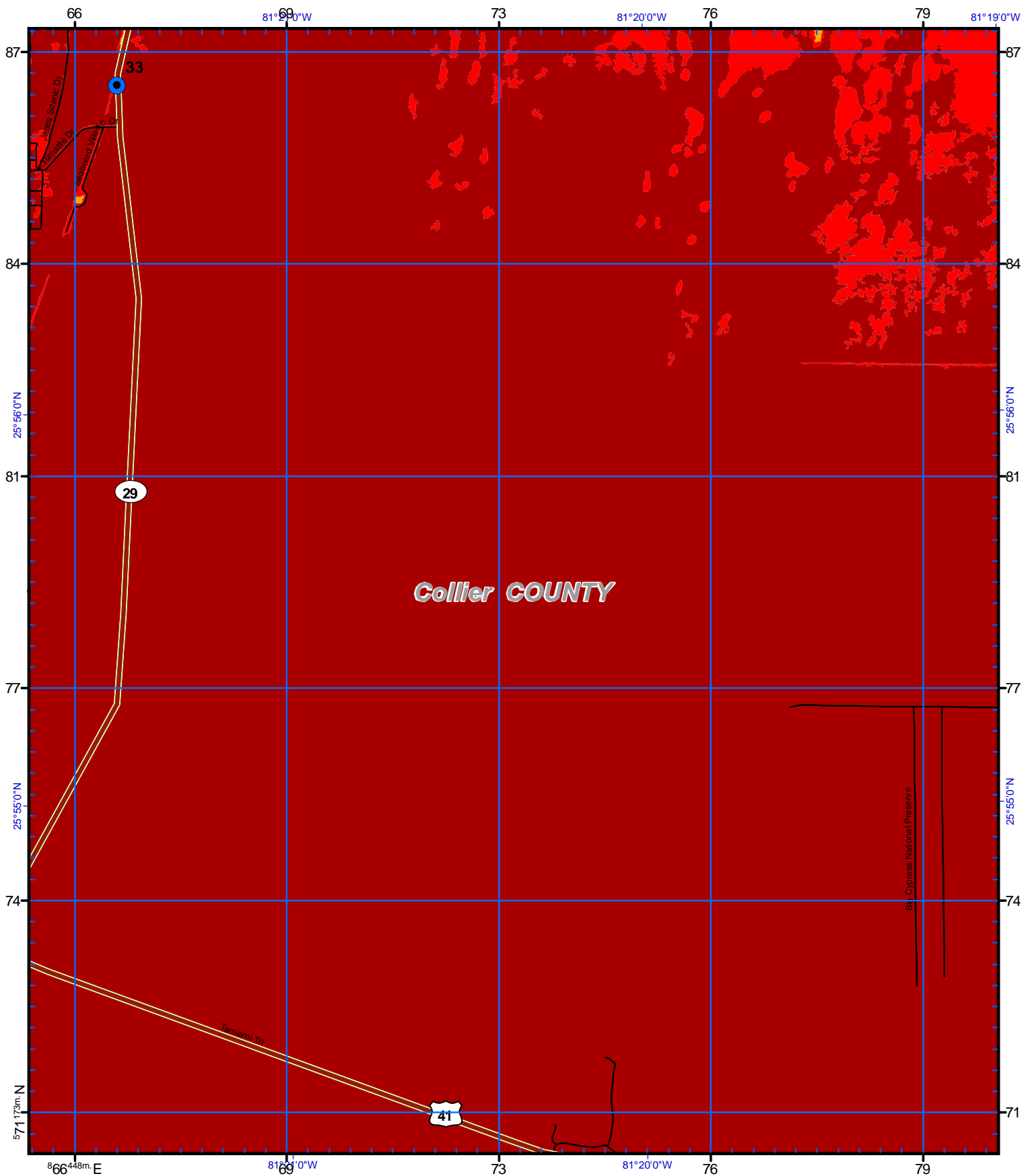
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

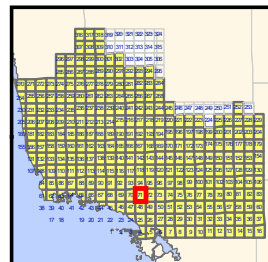
USNG Page 17R MJ 64 65

Map Plate 71

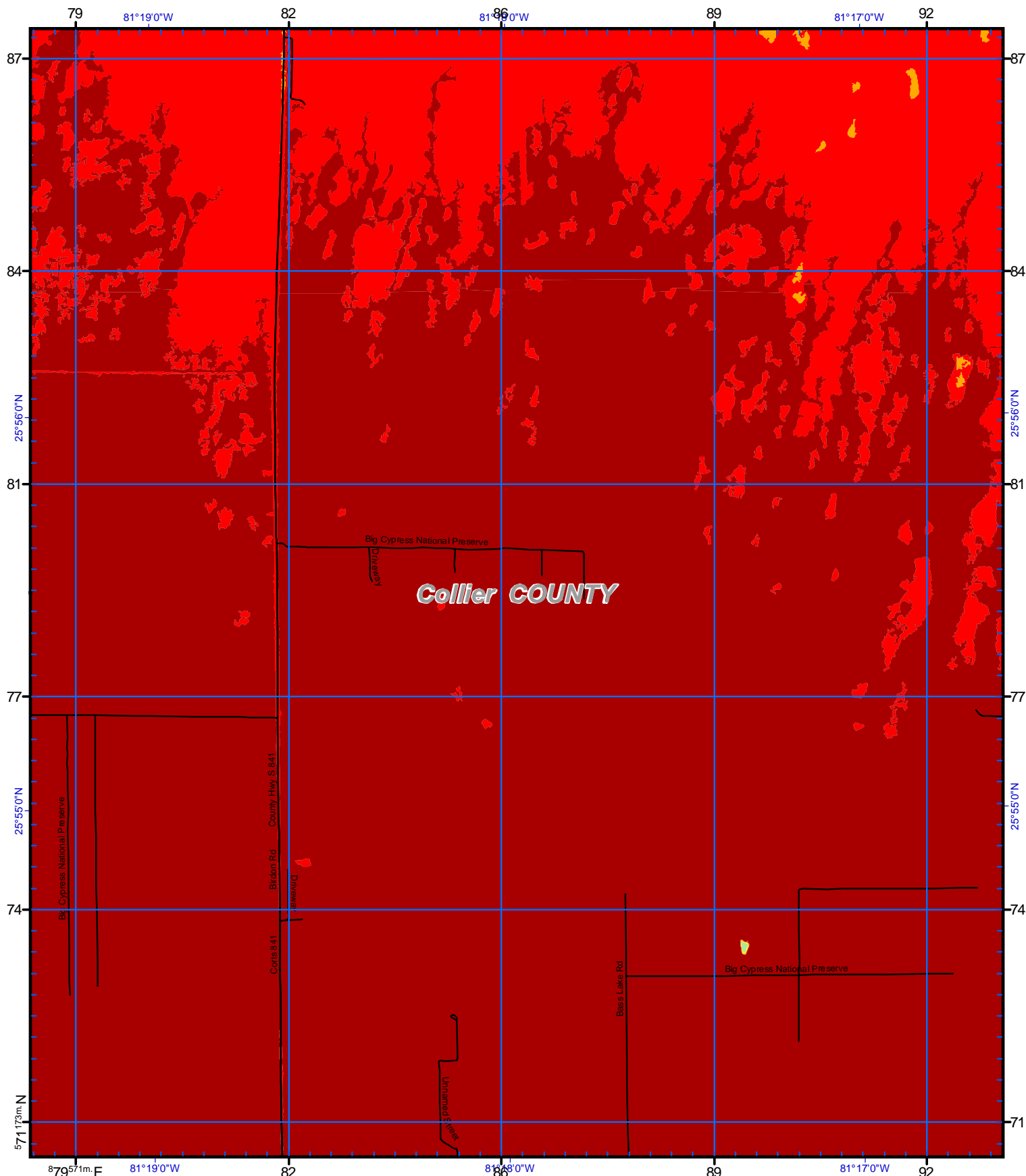
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Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

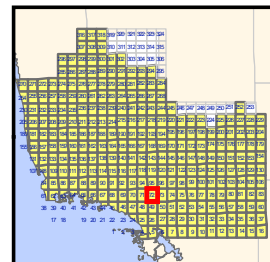
USNG Page **17R MJ 68 65**

Map Plate **72**

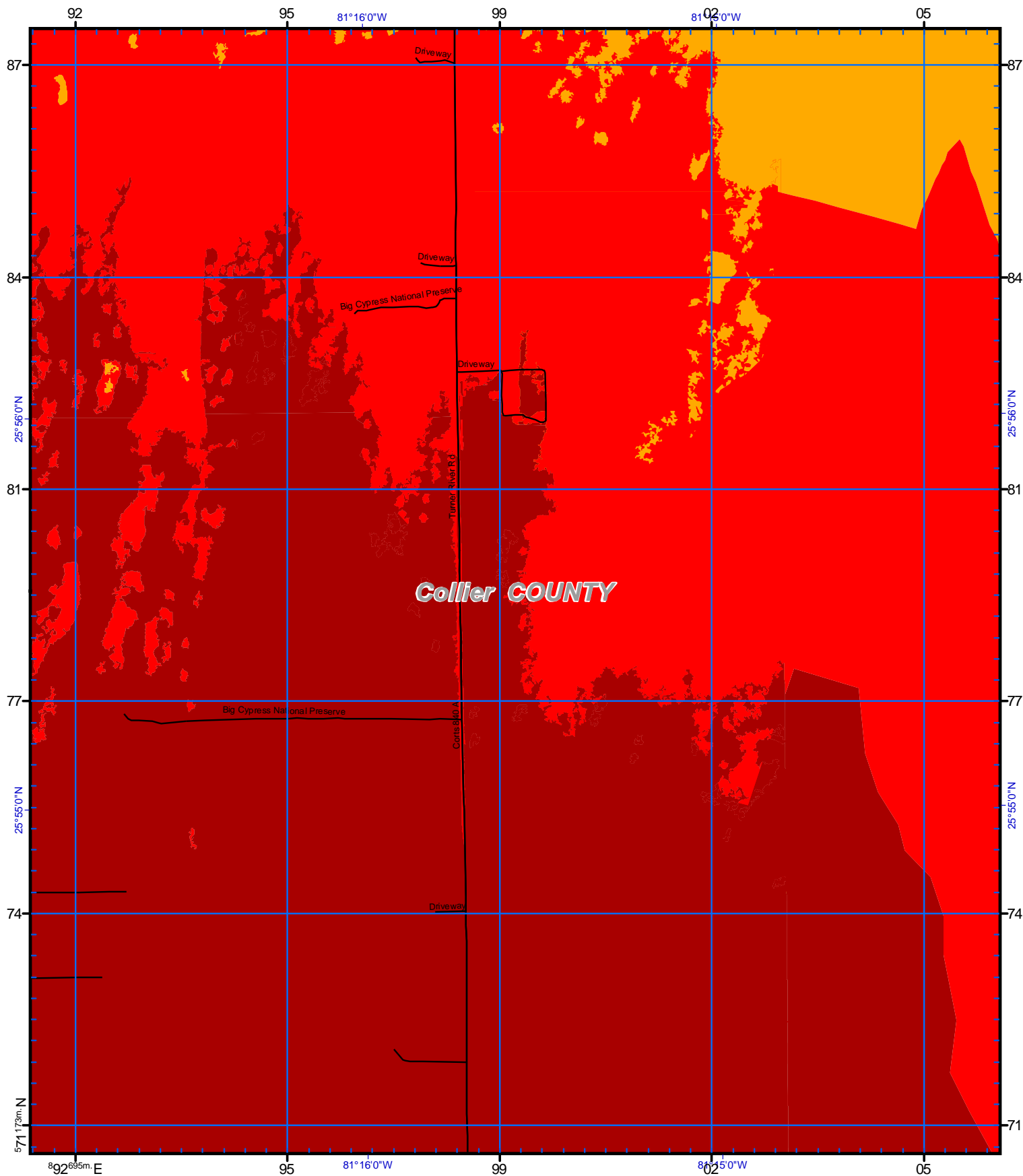
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Legend

- Ref Point
 - HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|----|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 72 65

Map Plate 73

Page 91

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

1

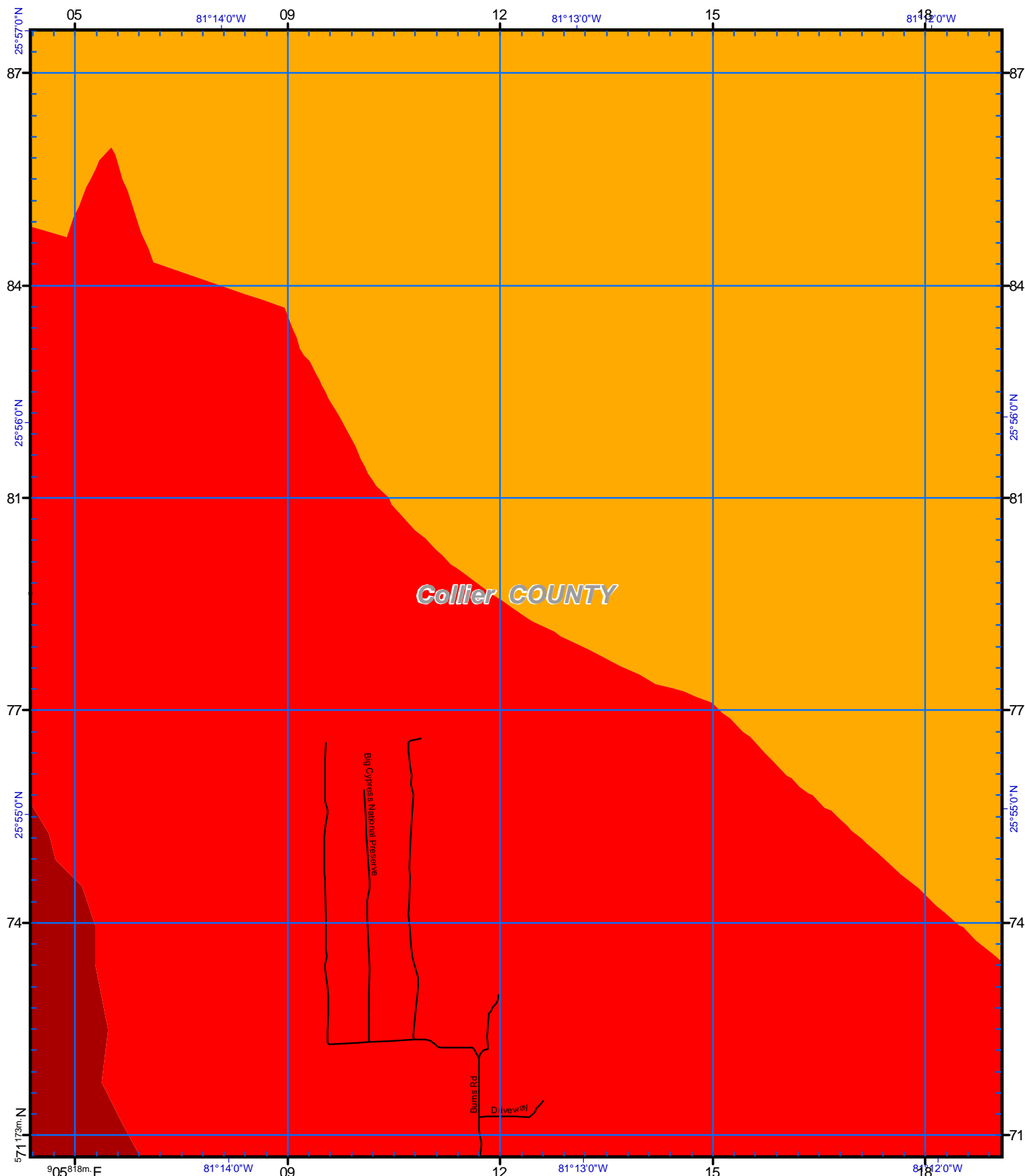
2

3

4

5

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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

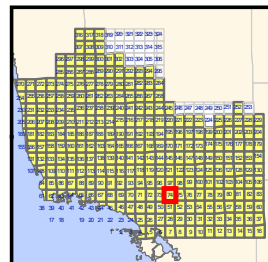
USNG Page **17R MJ 76 65**

Map Plate **74**

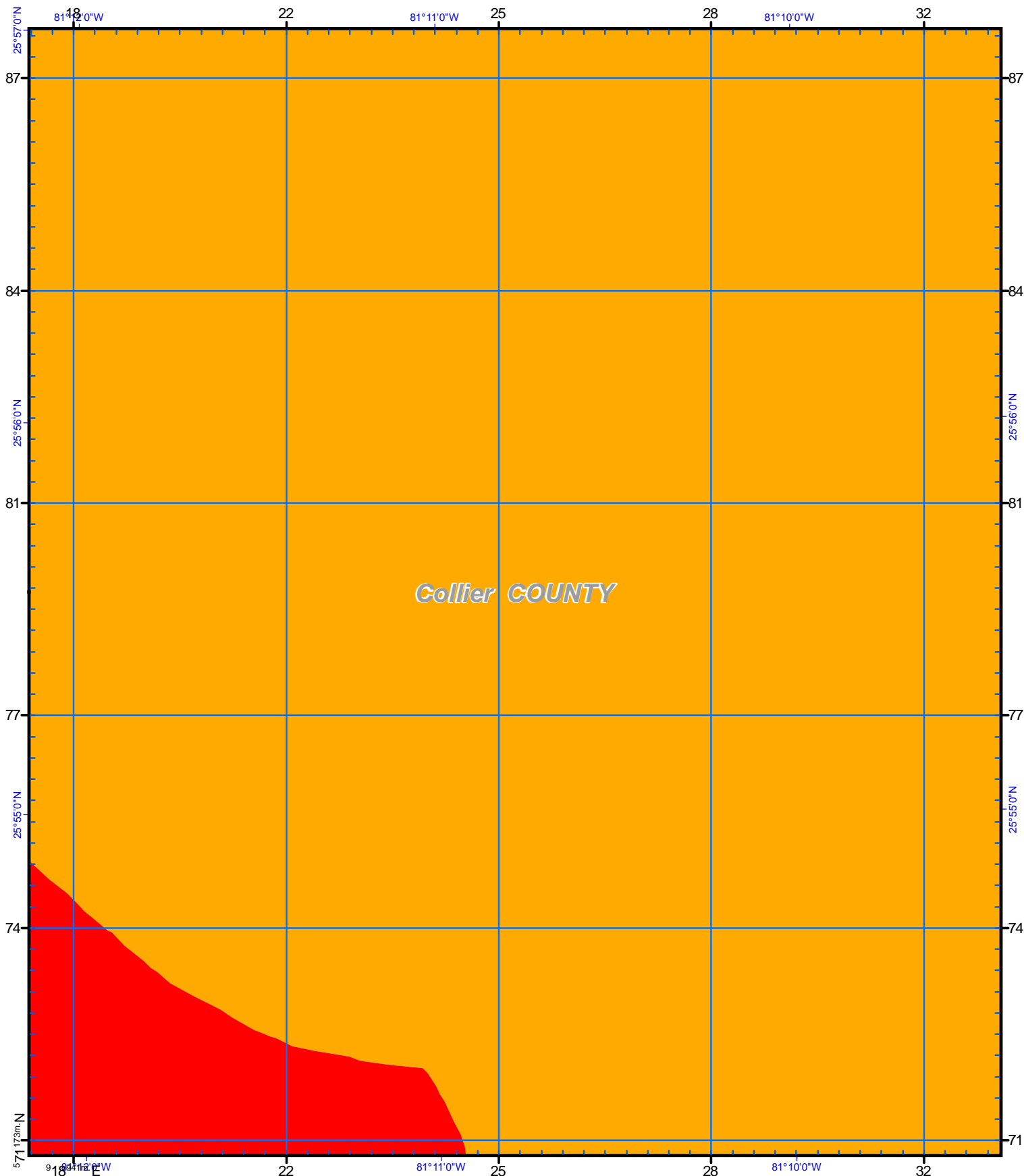
Page 92

Legend

- Ref Point
 - HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|----|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |



This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.



US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 80 65

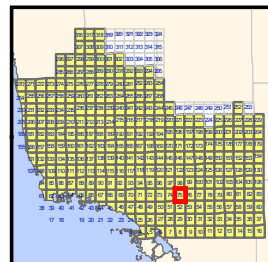
Map Plate 75

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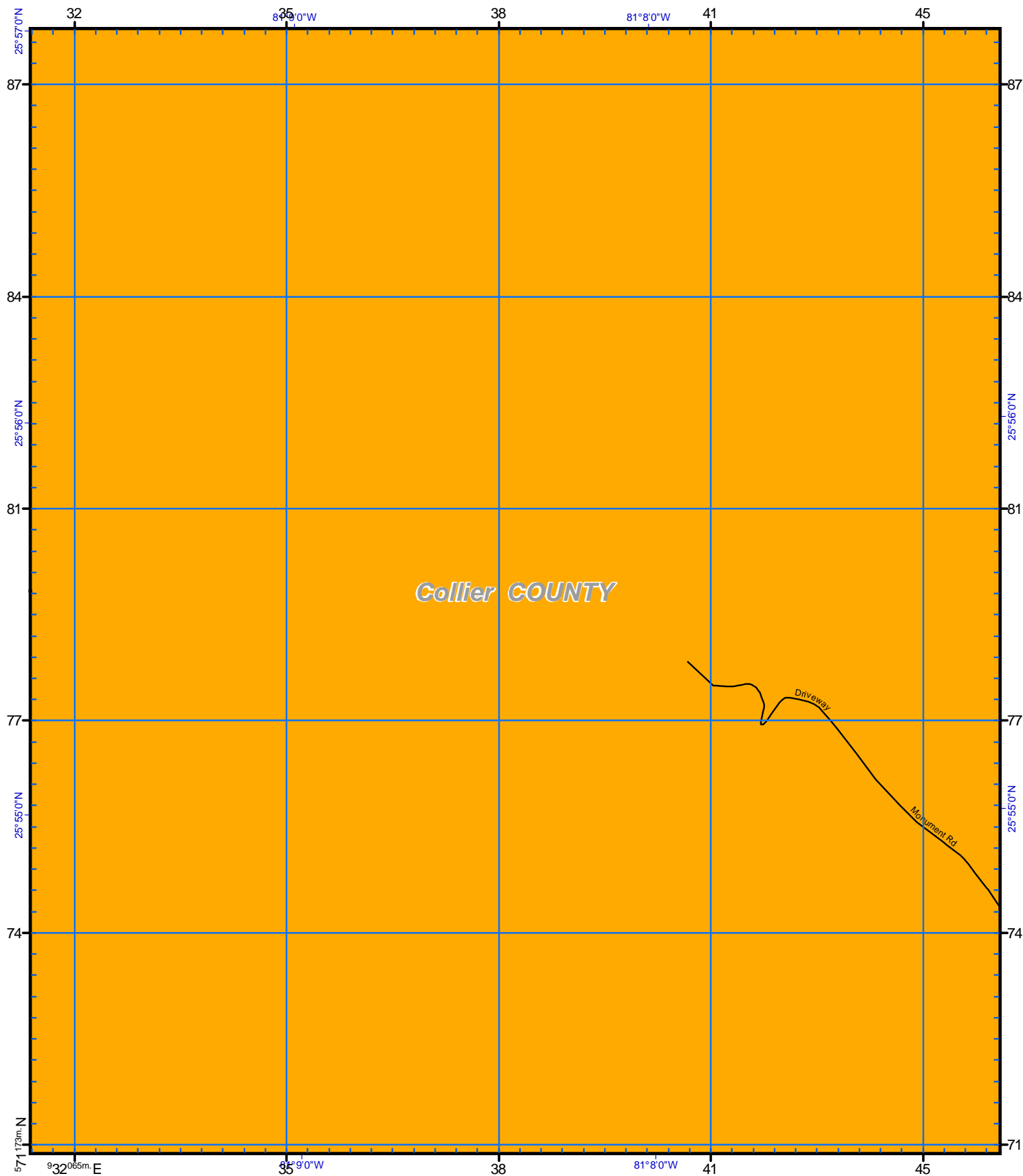
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

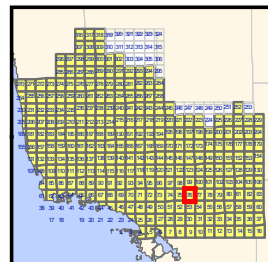
USNG Page 17R MJ 84 65

Map Plate 76

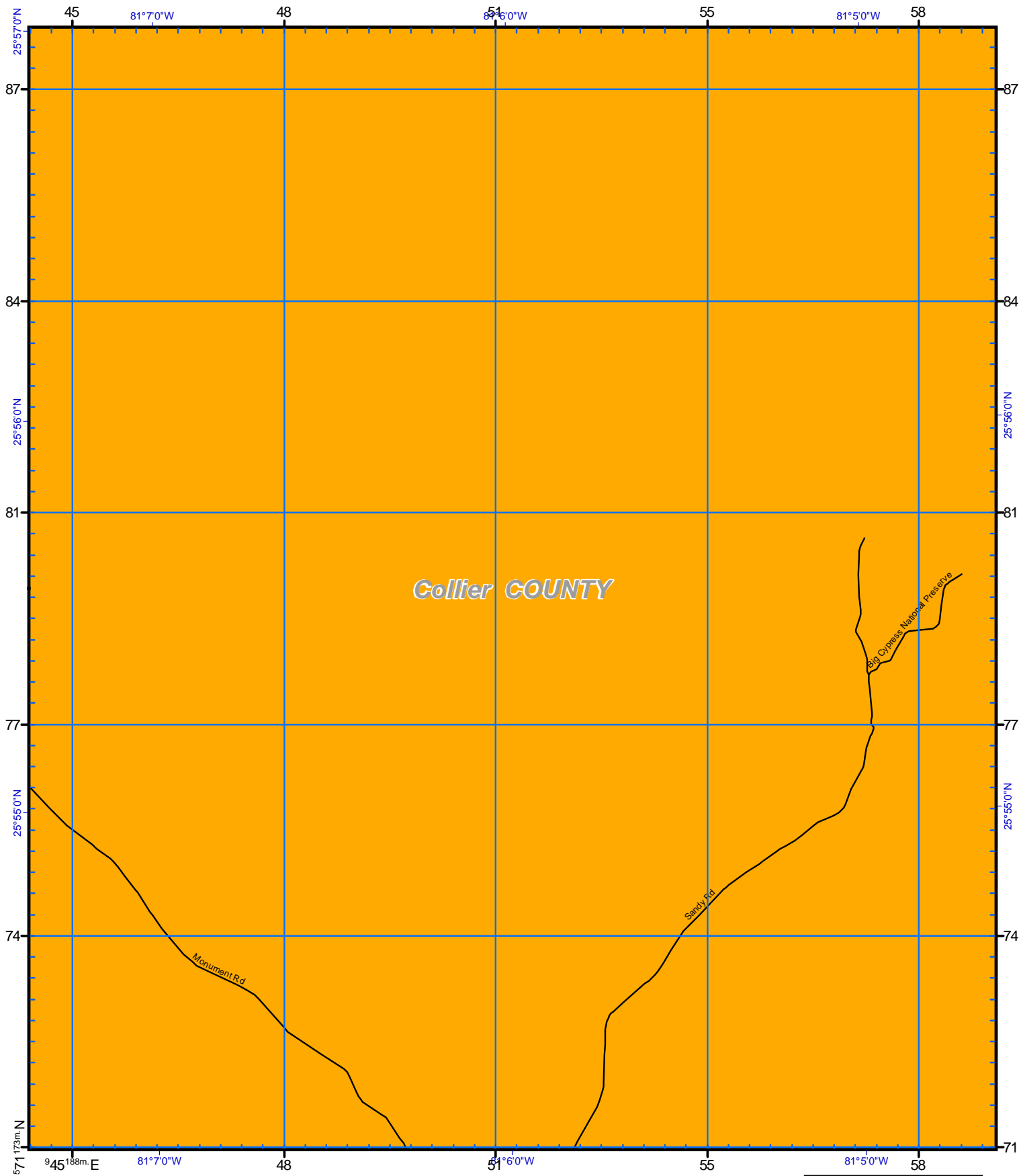
Page 94

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|----|
| 1 | ■ |
| 2 | ■ |
| 3 | ■ |
| 4 | ■ |
| 5 | ■ |



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 88 65**

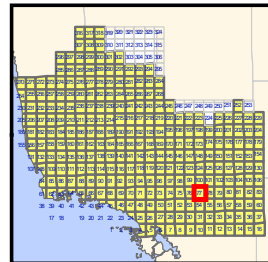
Map Plate **77**

Page 95

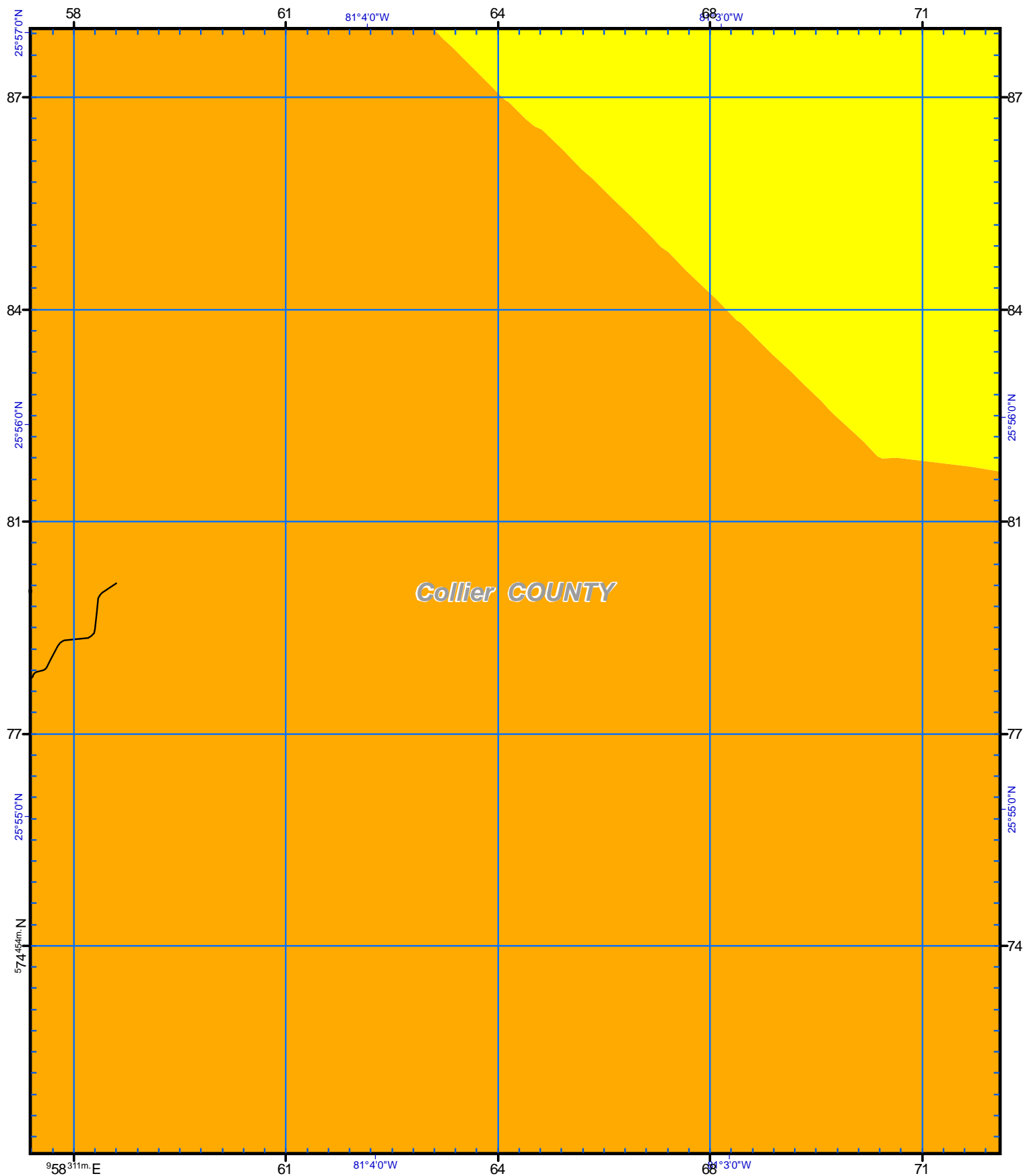
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	■
2	■
3	■
4	■
5	■



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 92 65

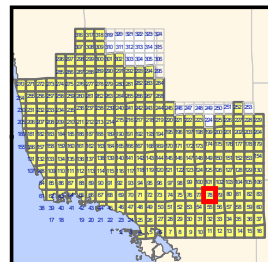
Map Plate 78

Page 96

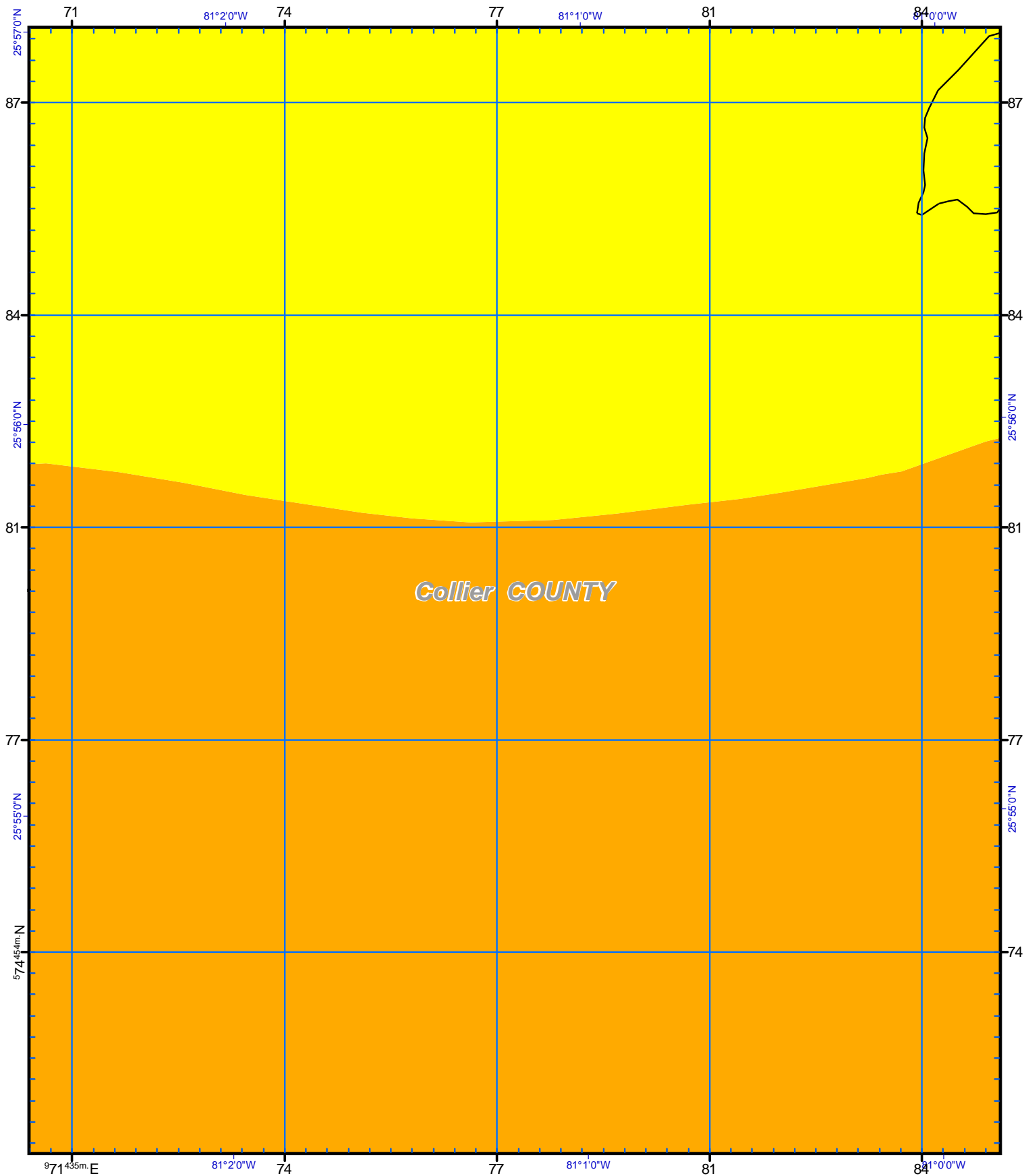
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

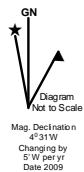
Cat	TS
1	
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4	
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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

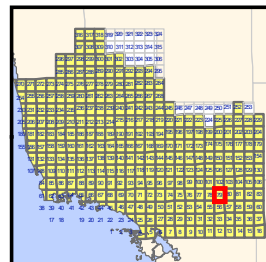
USNG Page 17R MJ 96 65

Map Plate 79

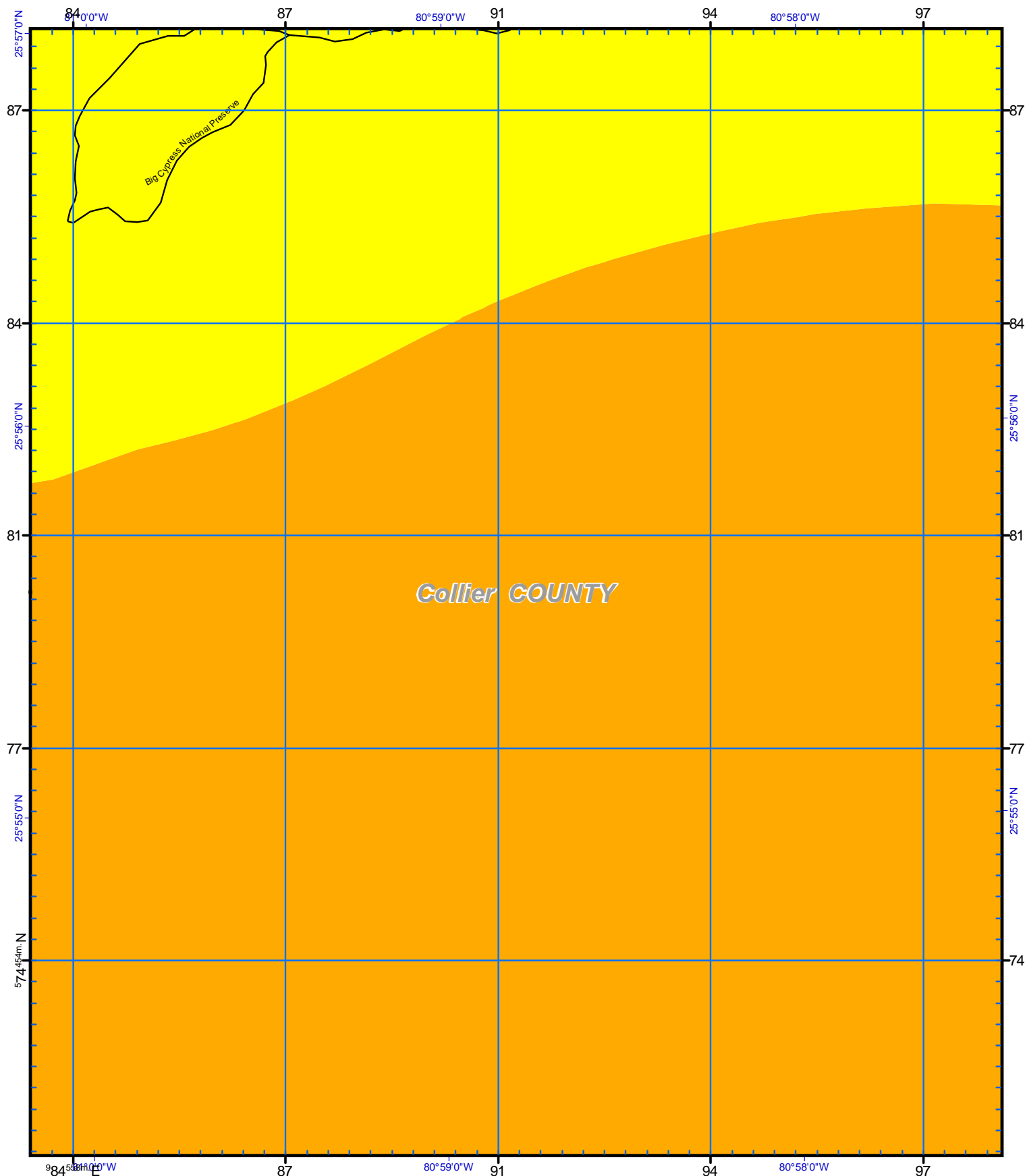
Page 97

Legend

	Ref Point	Cat
	HOSPITAL	TS
	City Limits	1
	Evac Route	2
	WATER	3
		4
		5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 00 65

Map Plate 80

Page 98

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

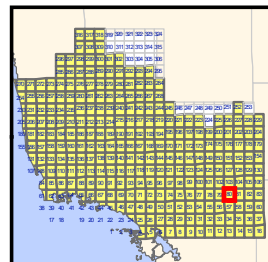
1

2

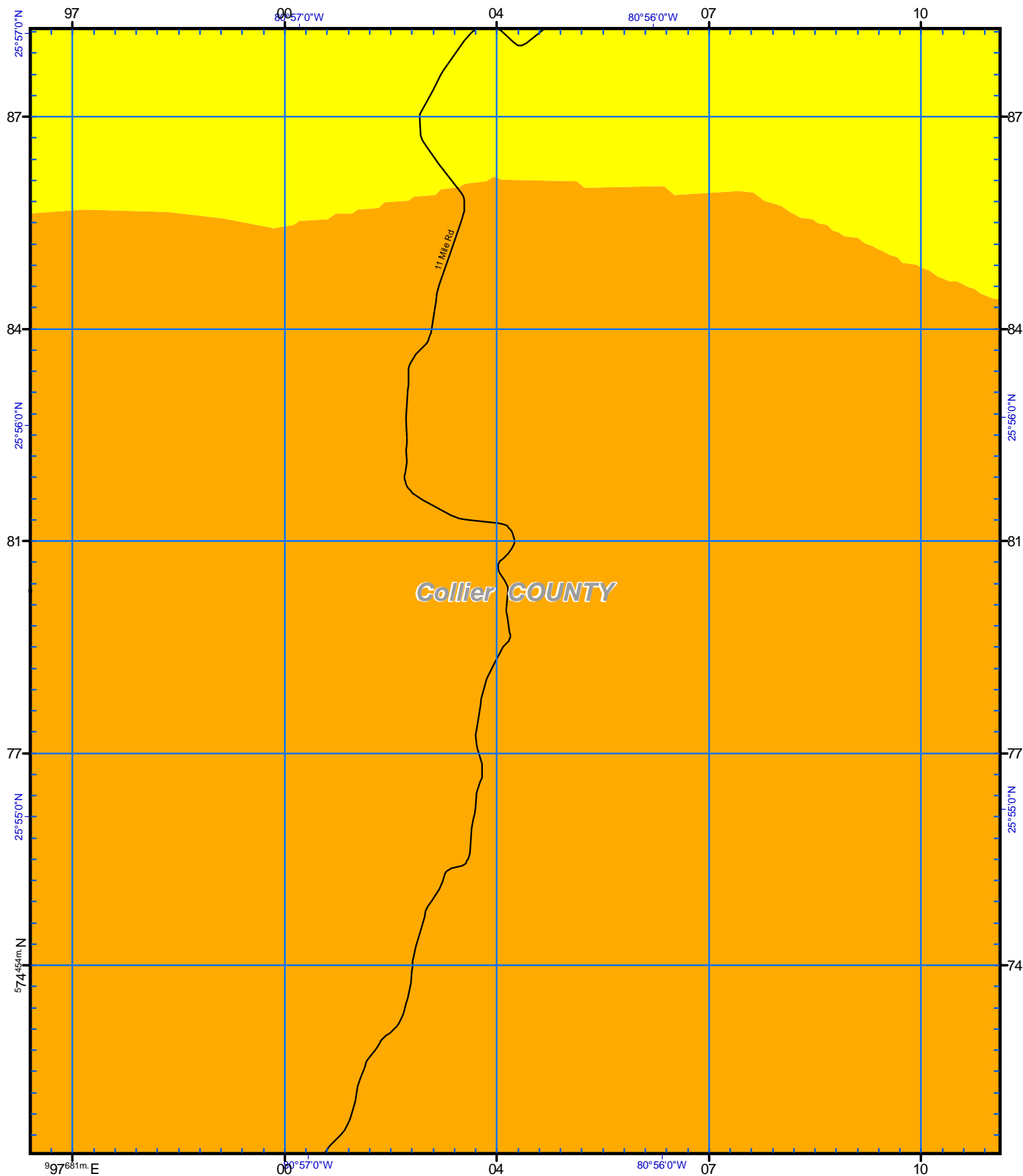
3

4

5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 04 65

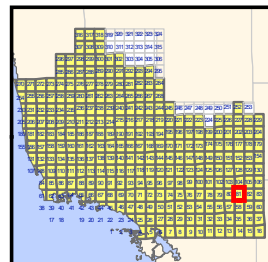
Map Plate 81

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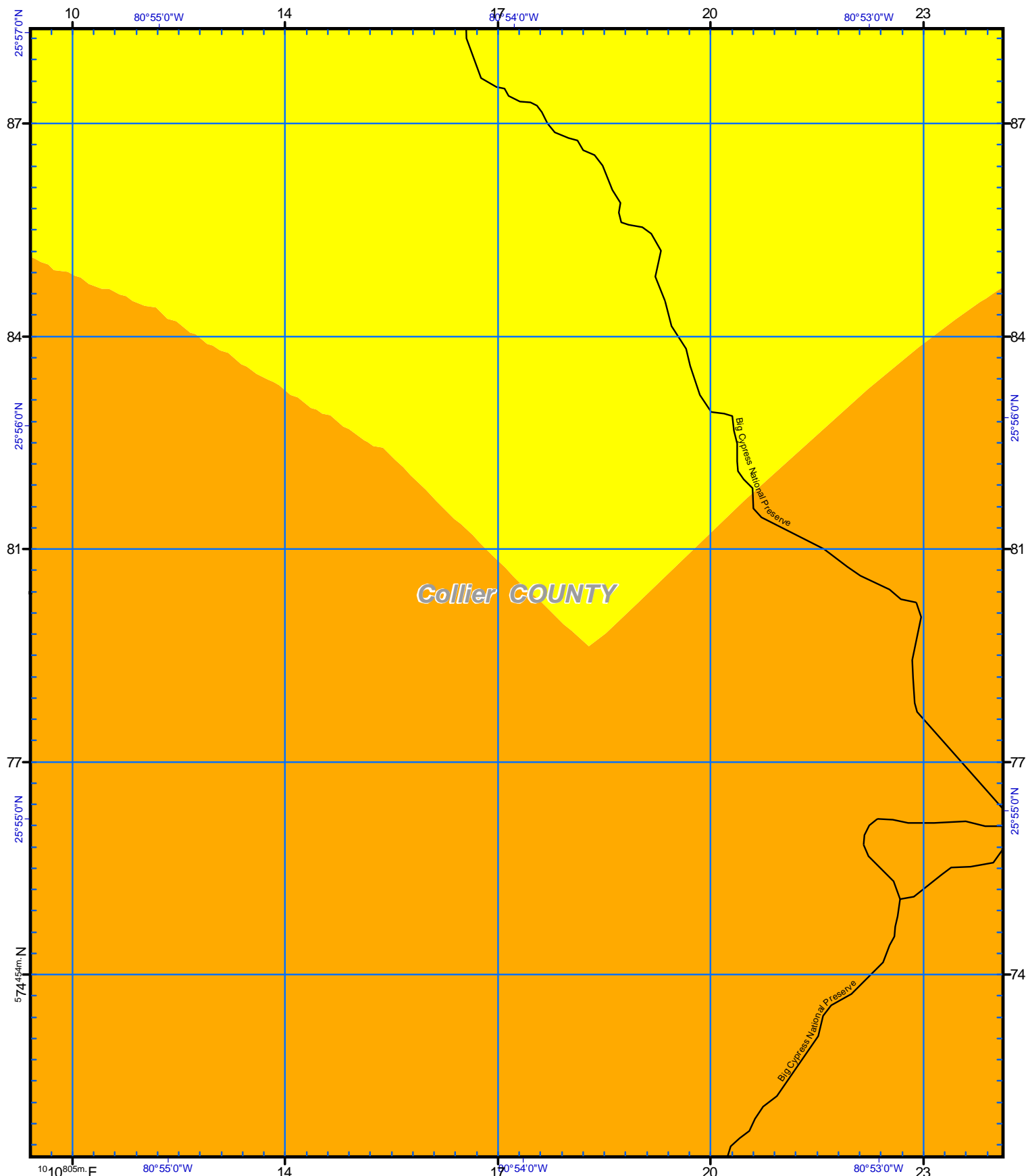
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	■
2	■
3	■
4	■
5	■



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 08 65**

Map Plate **82**

Page 100

Legend

● Ref Point

⌘ HOSPITAL

▭ City Limits

— Evac Route

■ WATER

Cat

TS

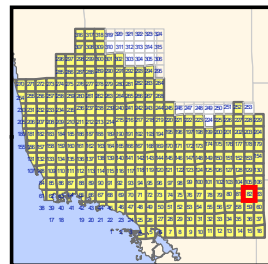
1

2

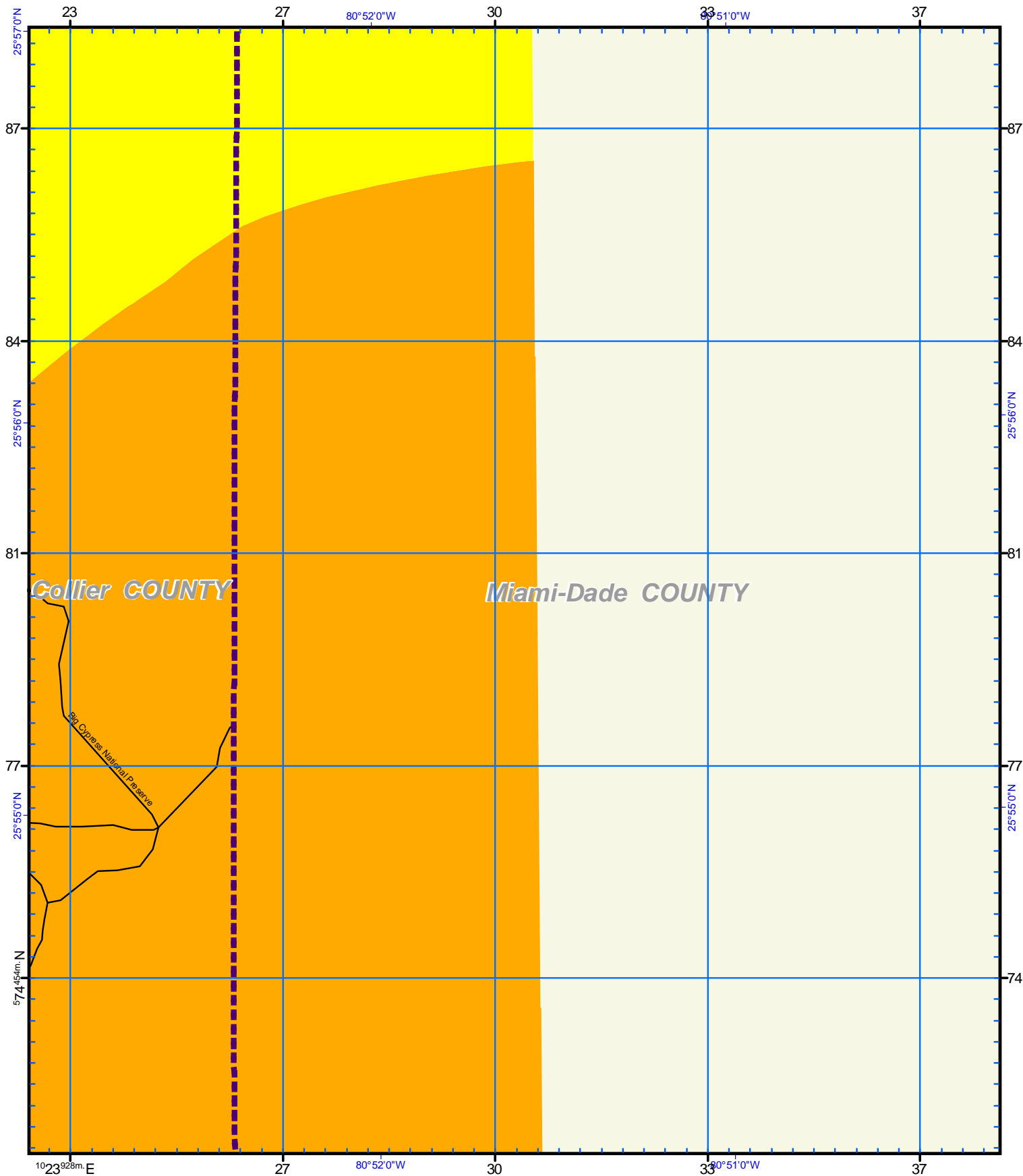
3

4

5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 12 65

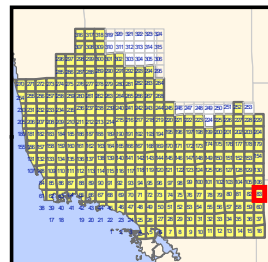
Map Plate 83

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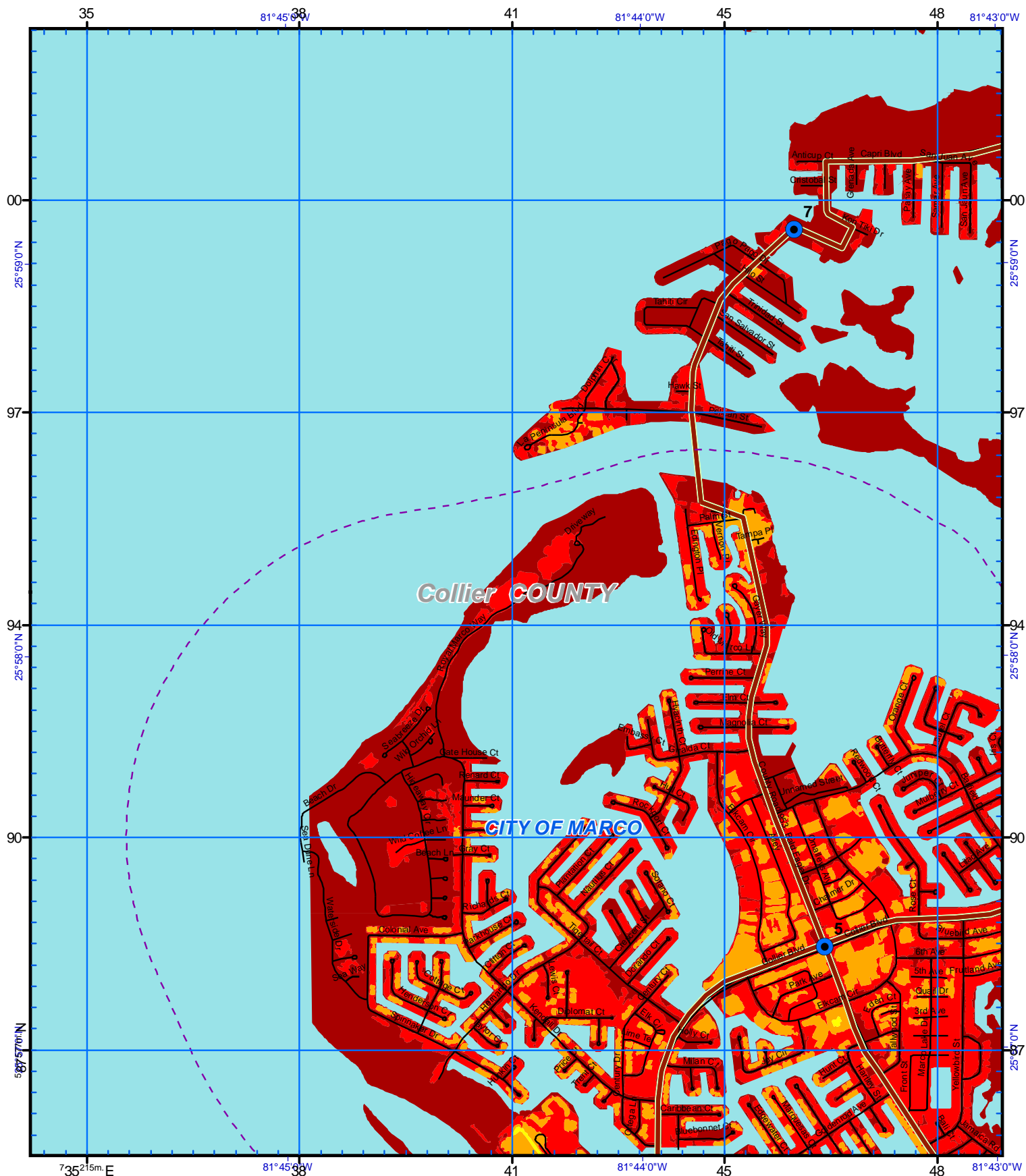
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 24 70

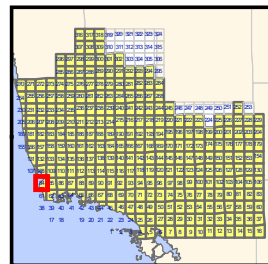
Map Plate 84

Page 102

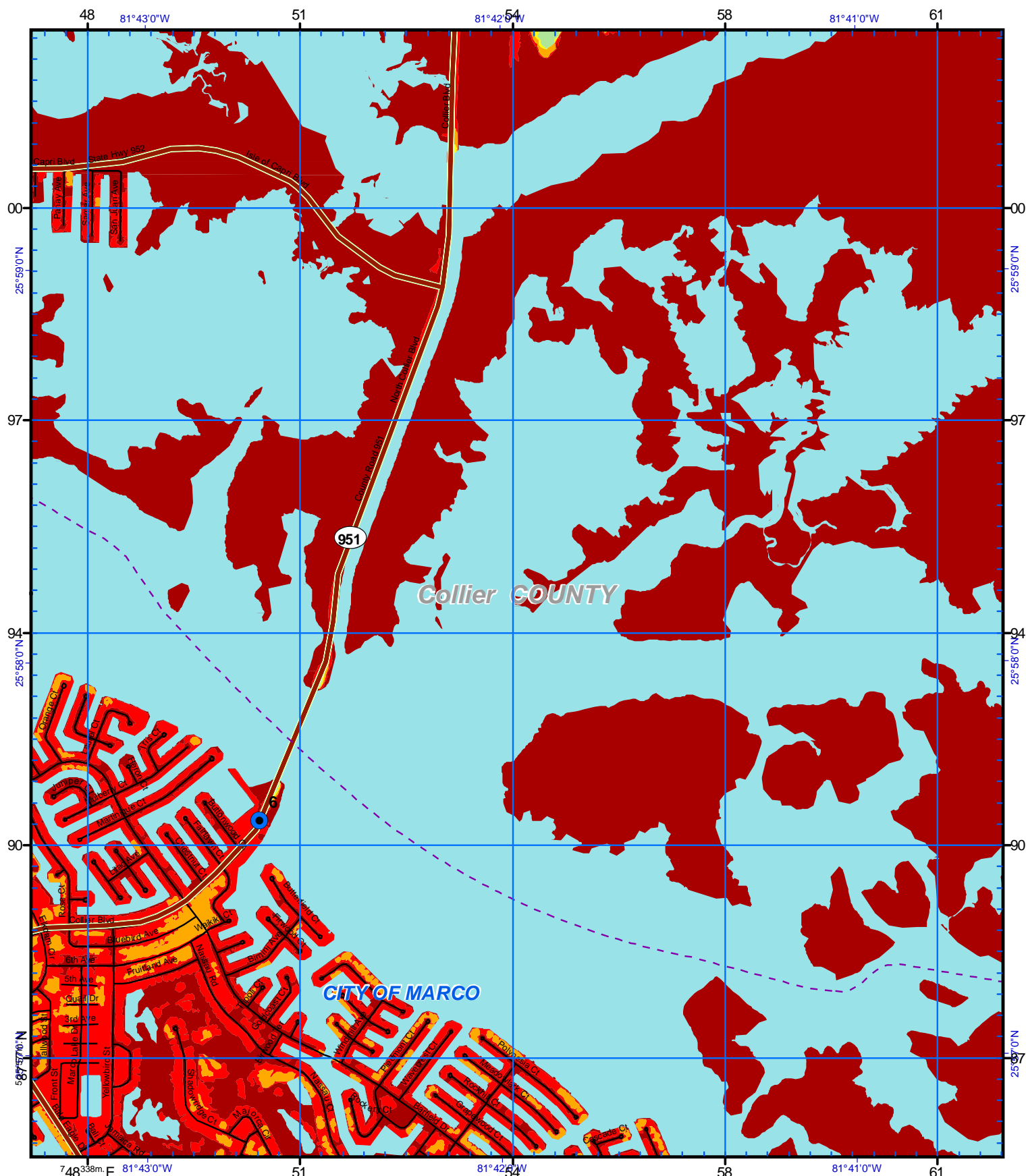
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

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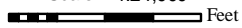
Notes:

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000








USNG Page 17R MJ 28 70

Map Plate 85

Page 103

Legend

-  Ref Point
 HOSPITAL
 City Limits
 Evac Route
 WATER

Cat

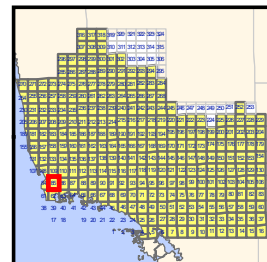
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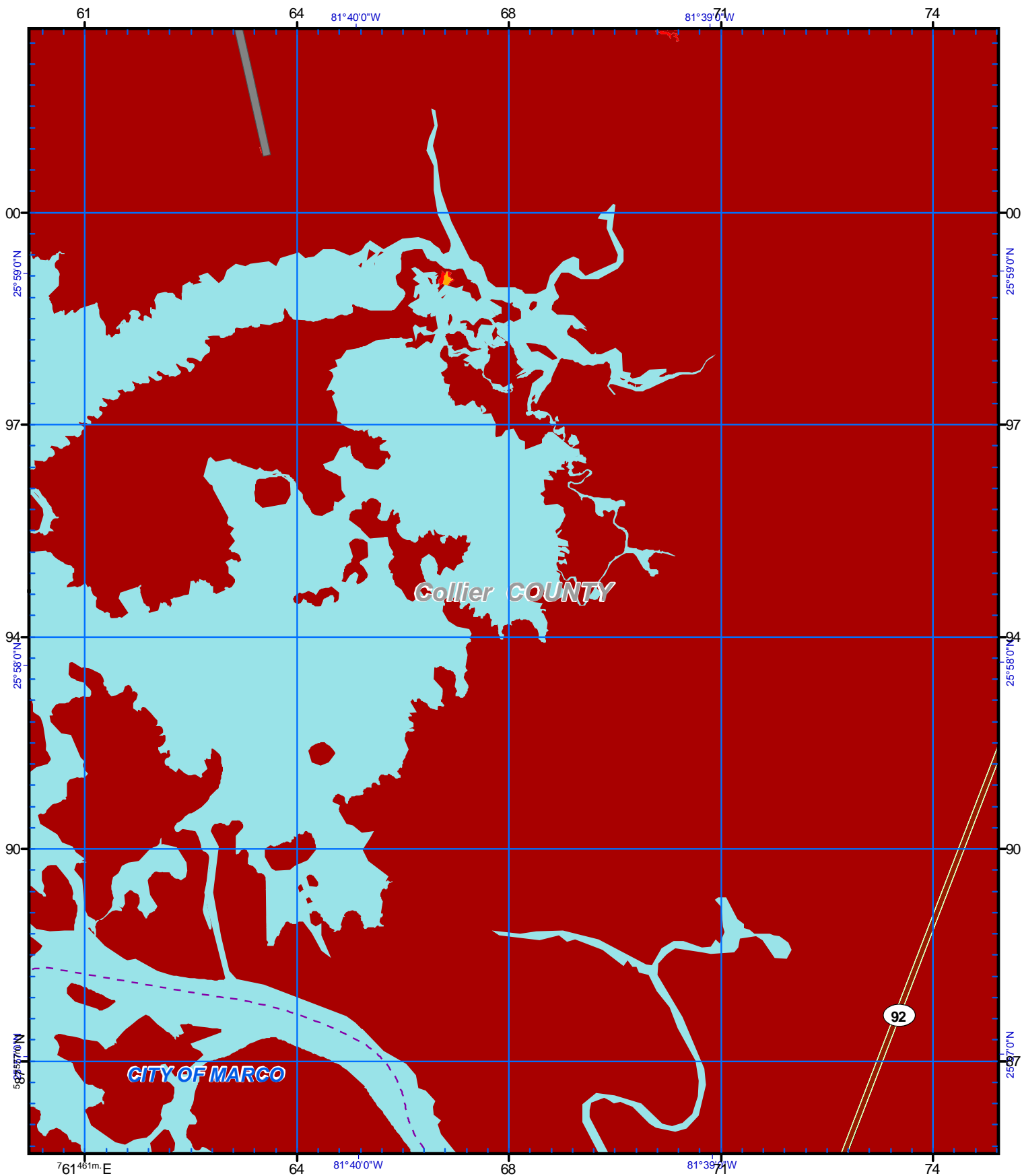
1

2

3

4





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 32 70

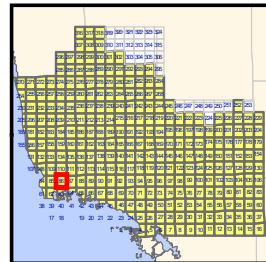
Map Plate 86

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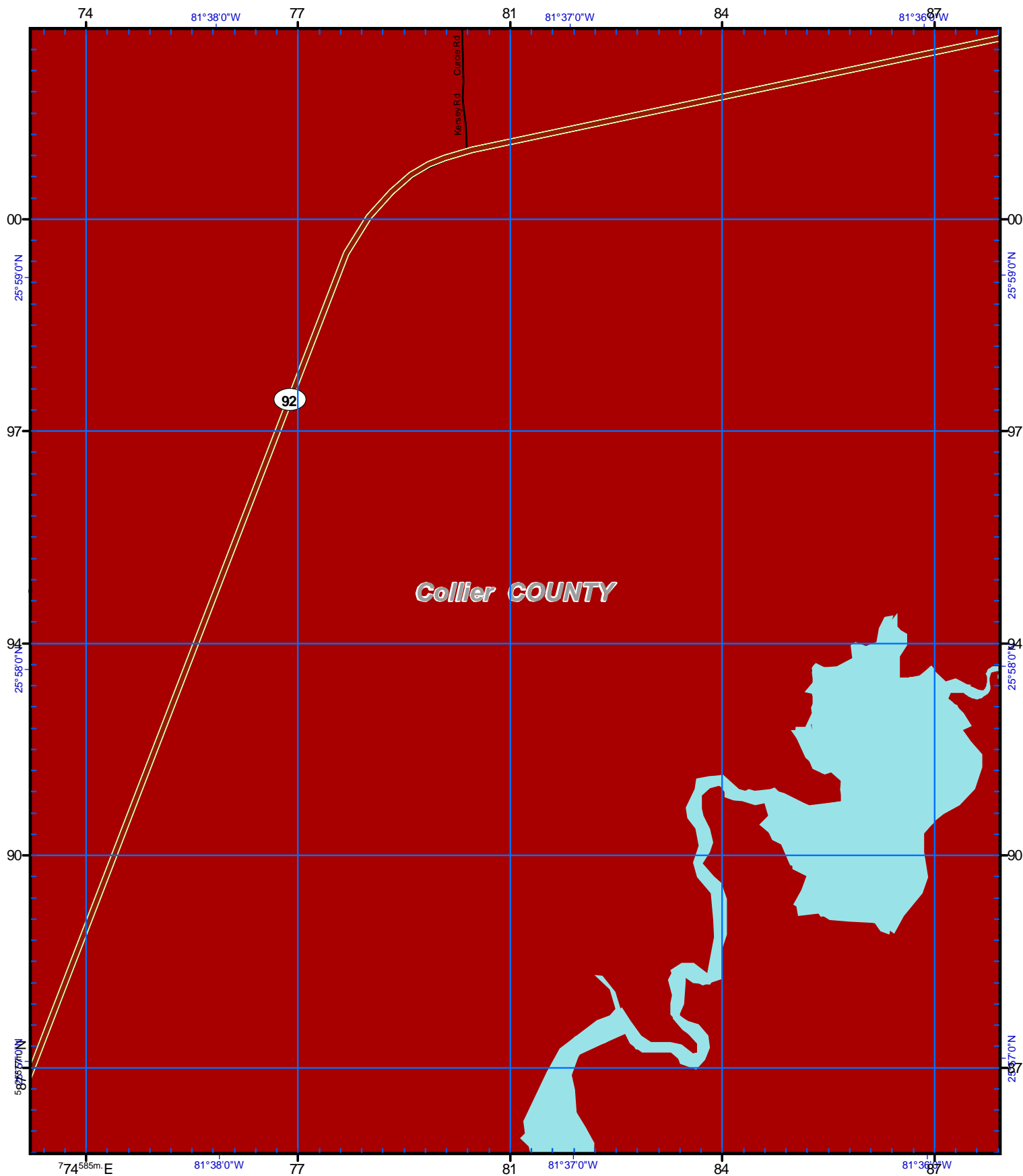
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat
TS
1
2
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4
5



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

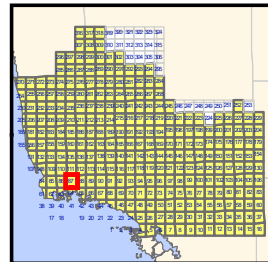
USNG Page 17R MJ 36 70

Map Plate 87

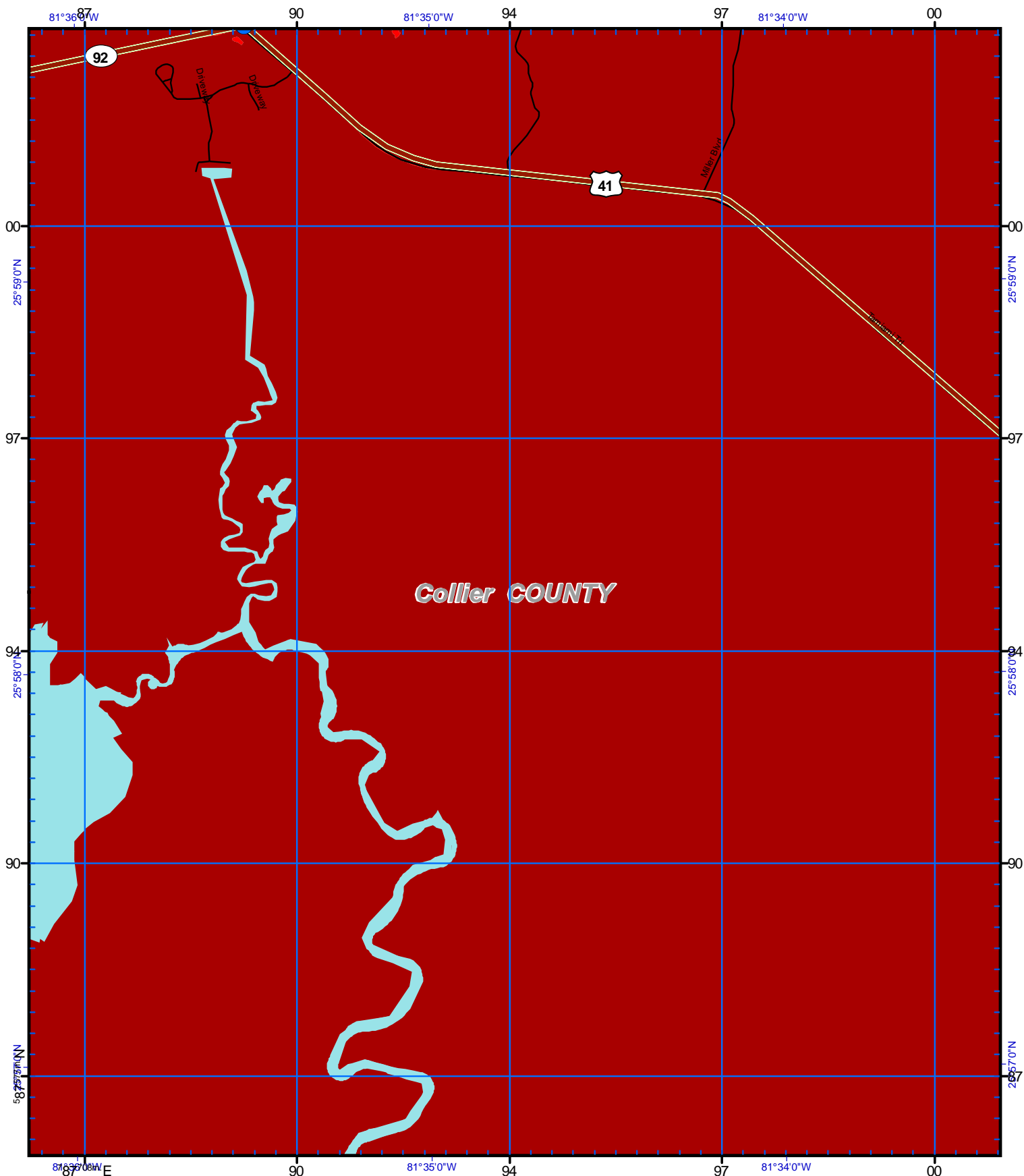
Page 105

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Map Deformation
4°31'W
Changing by
5" W per yr
Date 2009

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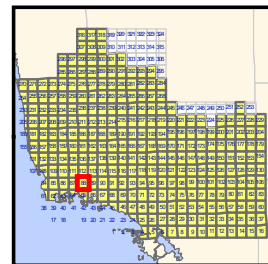
Storm Tide Zones

Collier County, 2010
Scale - 1:24,000
0 2,000 Feet
USNG Page **17R MJ 40 70**
Map Plate **88**
Page 106

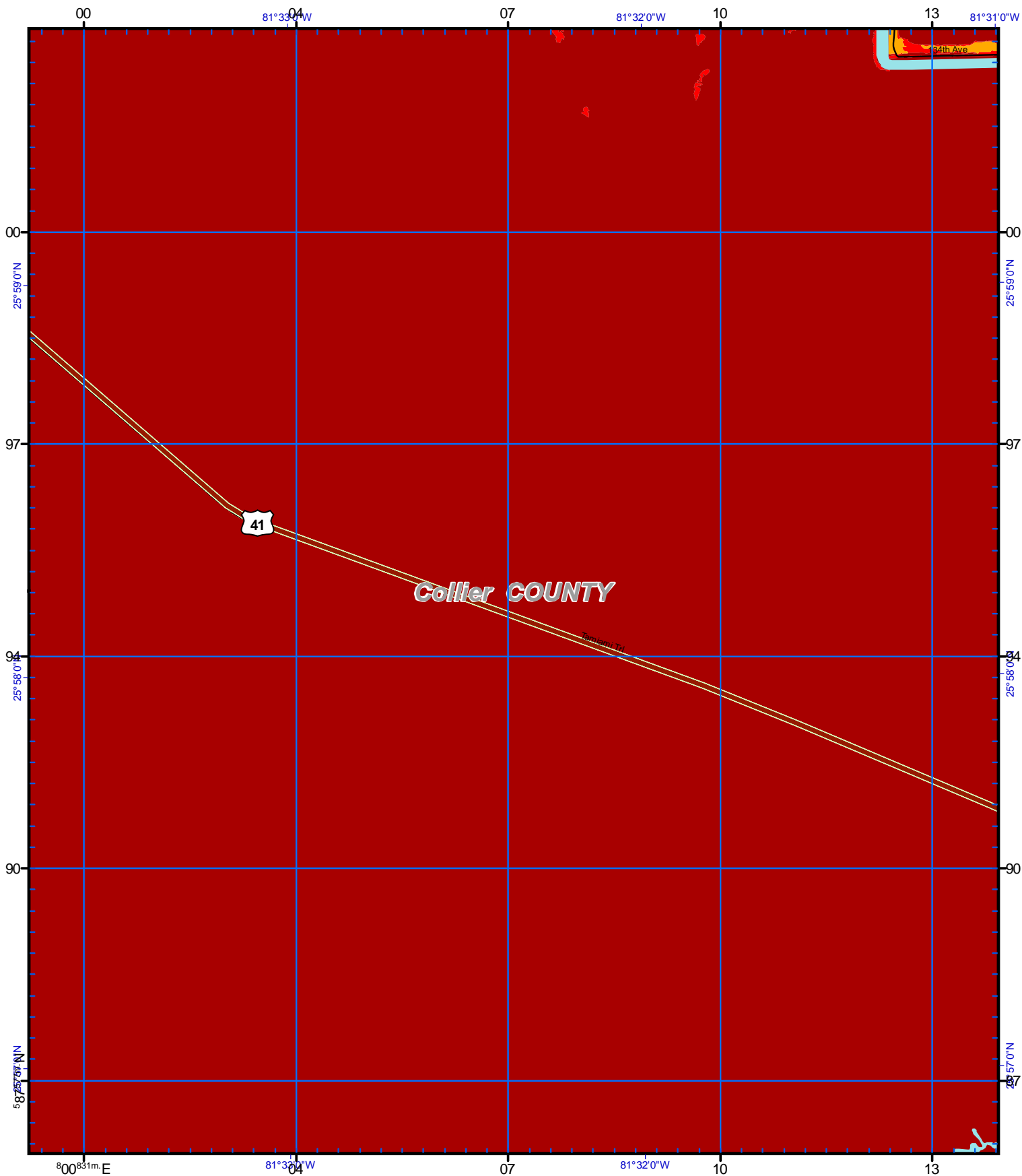
Legend

● Ref Point
H HOSPITAL
City Limits
Evac Route
WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 44 70

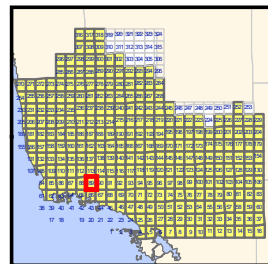
Map Plate 89

Page 107

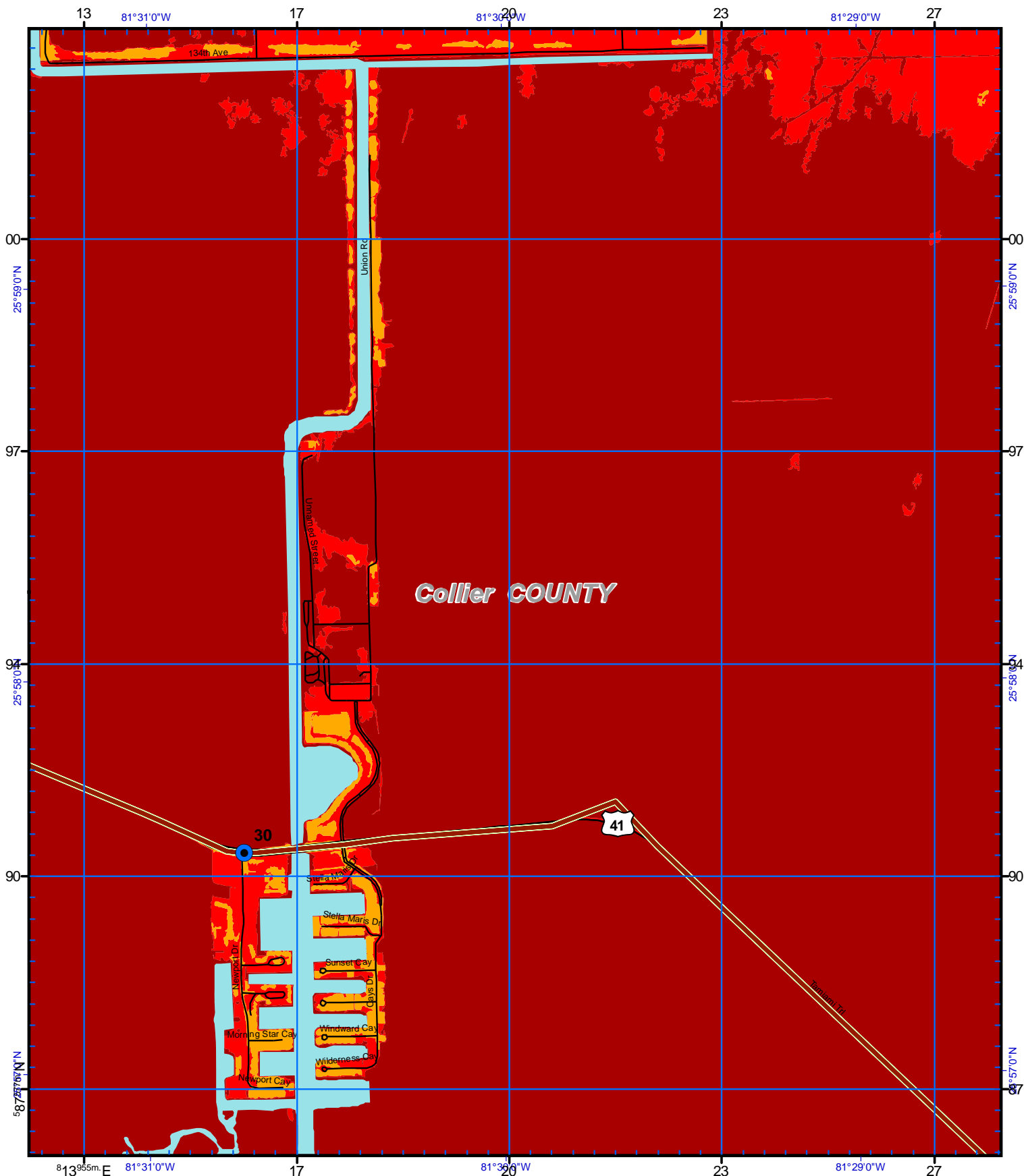
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

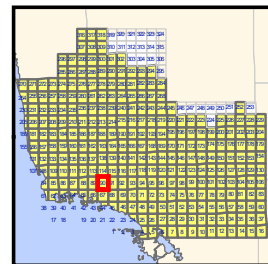
USNG Page 17R MJ 48 70

Map Plate 90

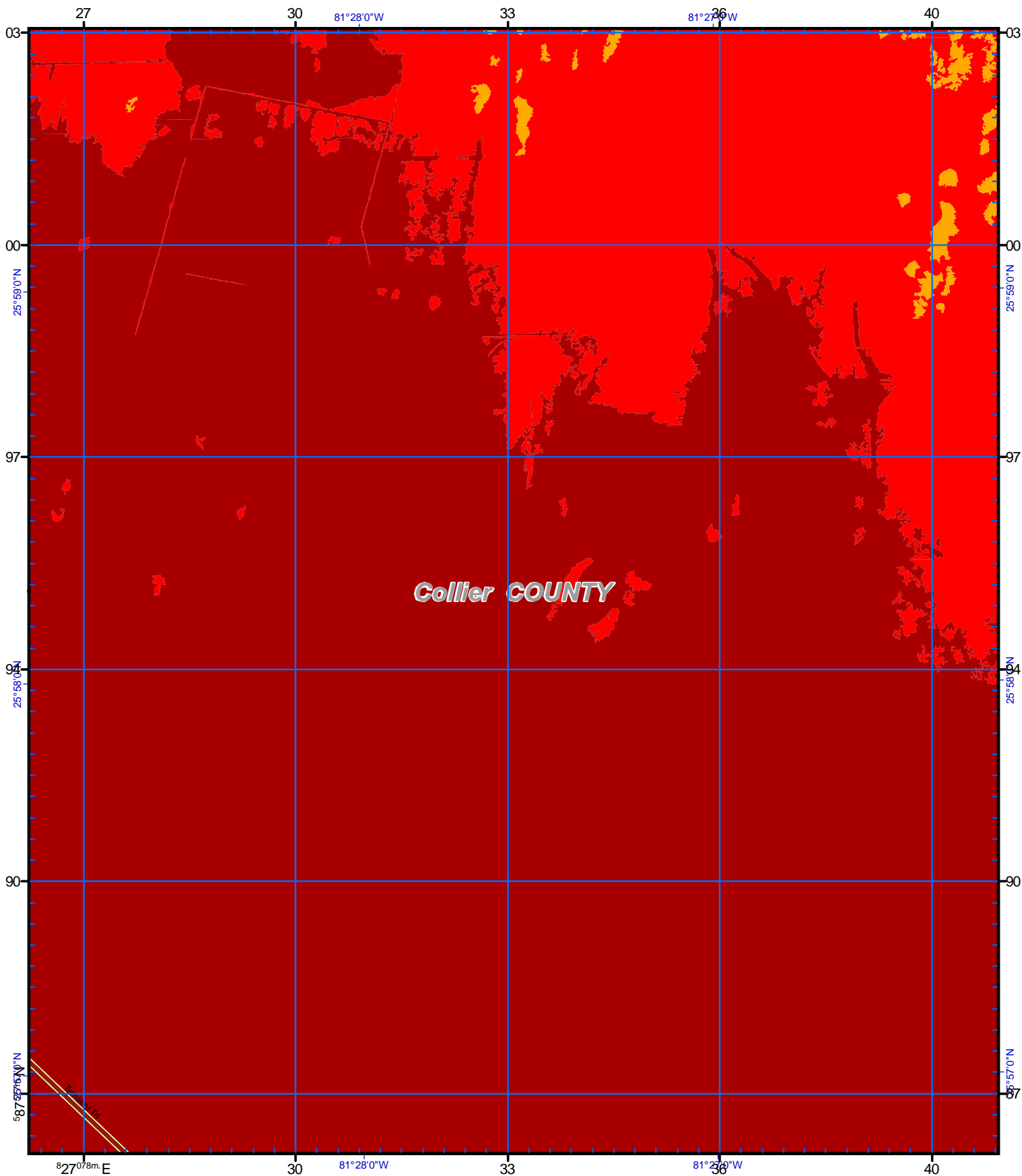
Page 108

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 52 70**

Map Plate **91**

Page 109

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

TS

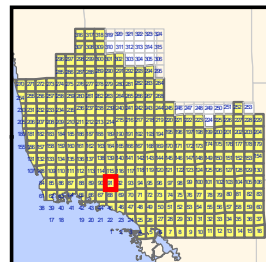
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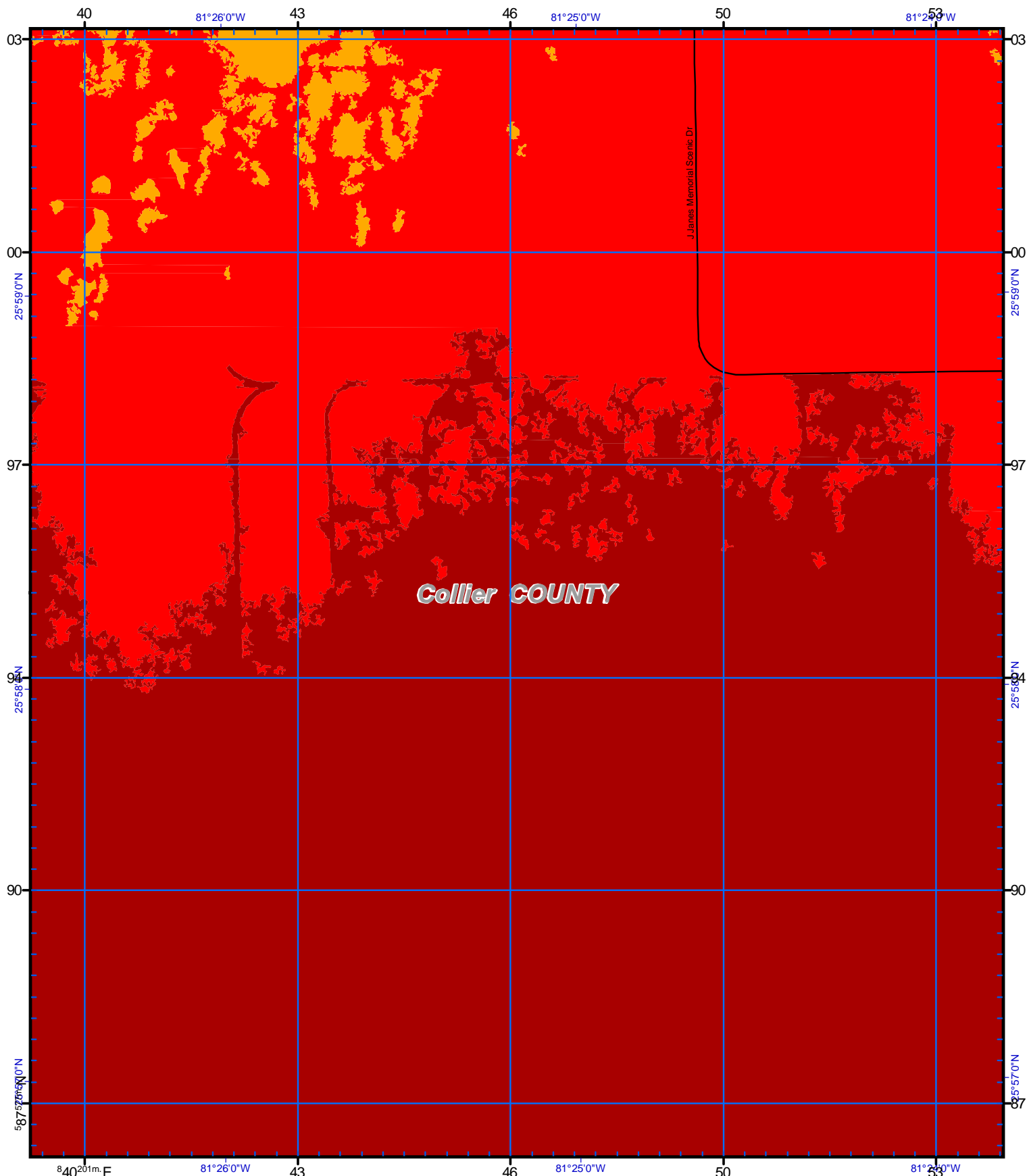
2

3

4

5





US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

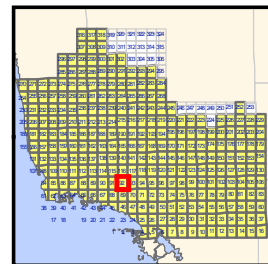
USNG Page **17R MJ 56 70**

Map Plate **92**

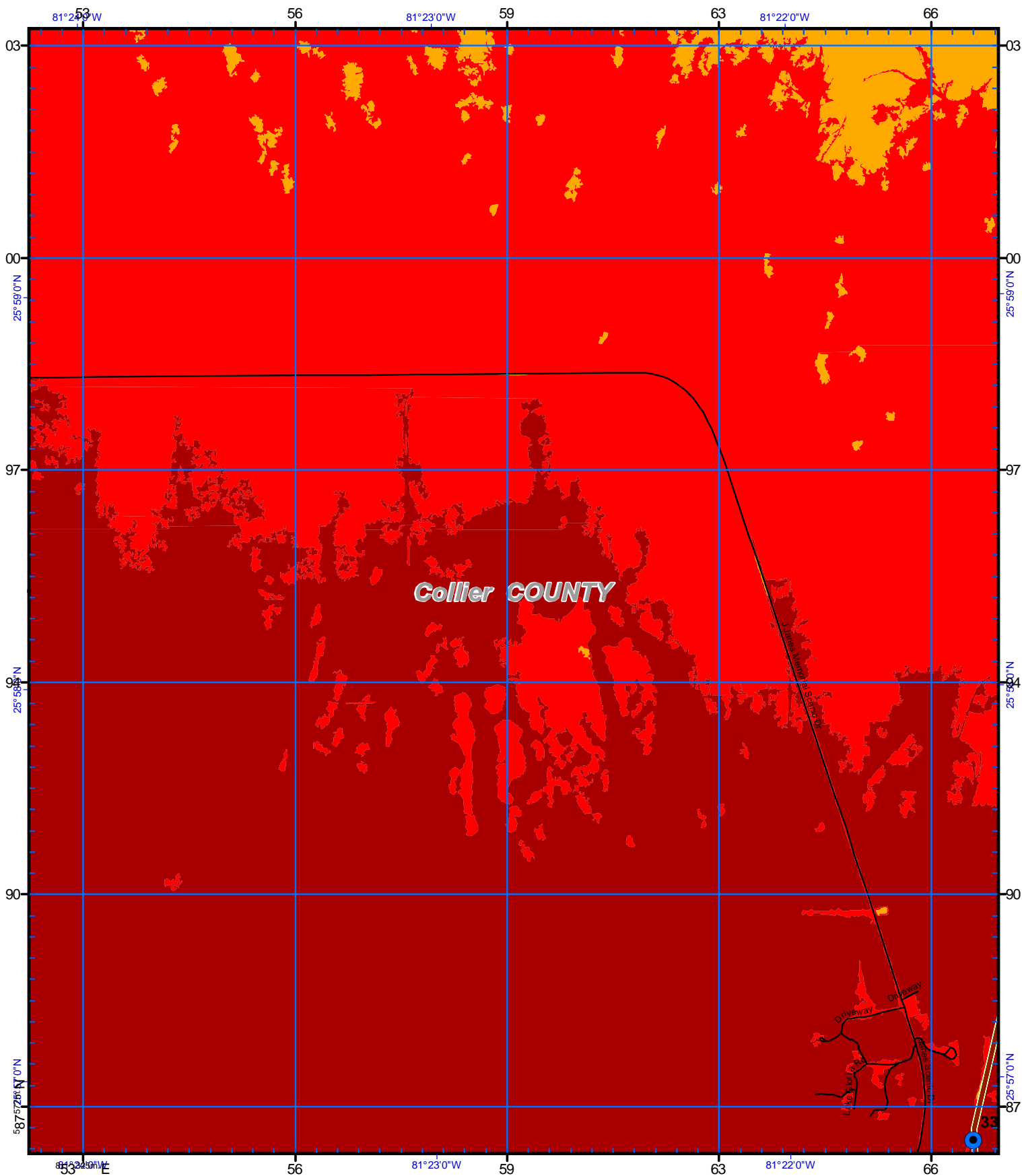
Page 110

Legend

- | | | |
|--|-------------|------------|
| | Ref Point | Cat |
| | HOSPITAL | TS |
| | City Limits | 1 |
| | Evac Route | 2 |
| | WATER | 3 |
| | | 4 |
| | | 5 |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 60 70**

Map Plate **93**

Page 111

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

1

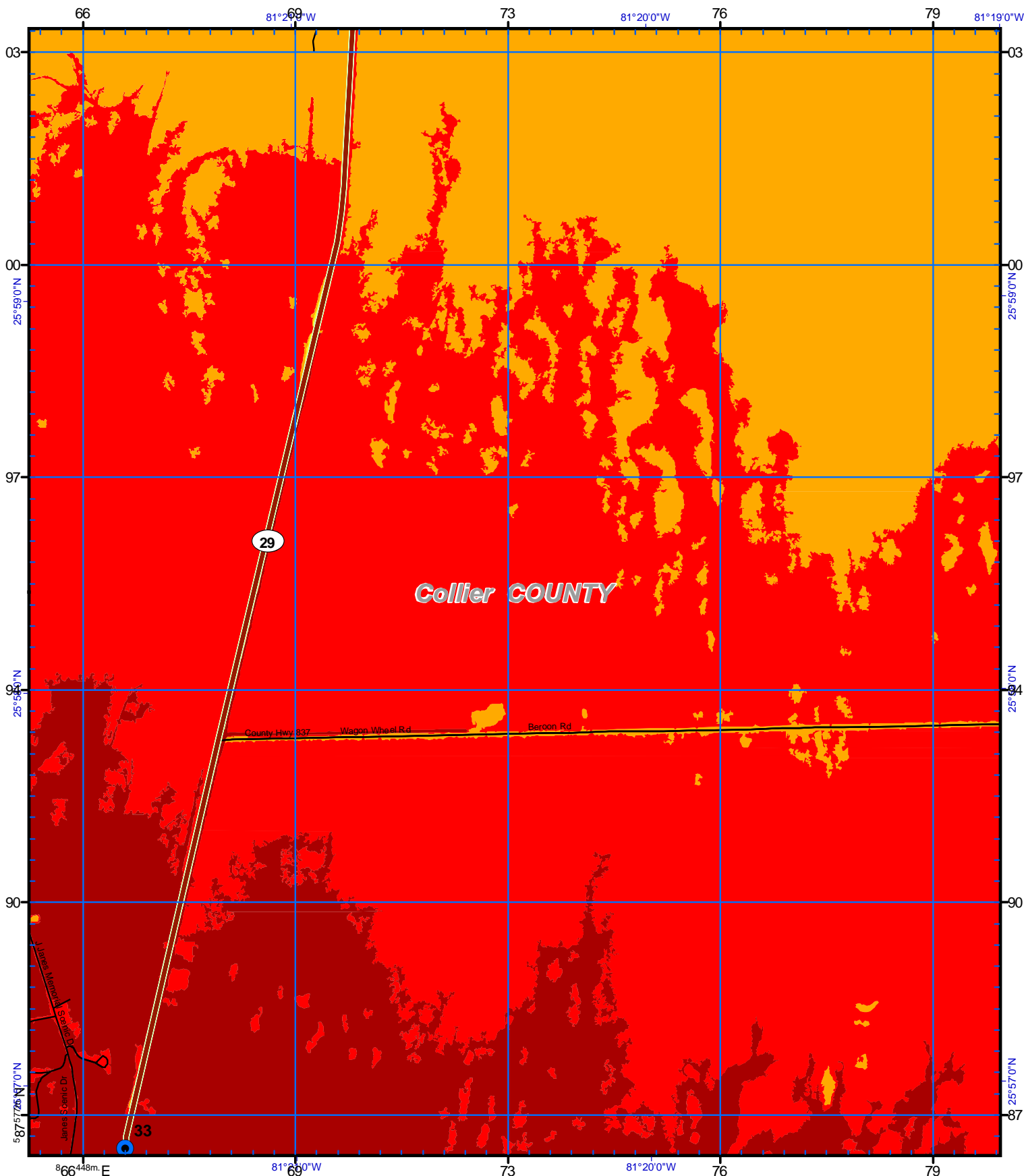
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3

4

5

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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 64 70**

Map Plate **94**

Page 112

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

TS

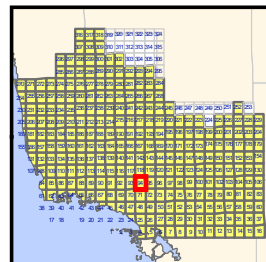
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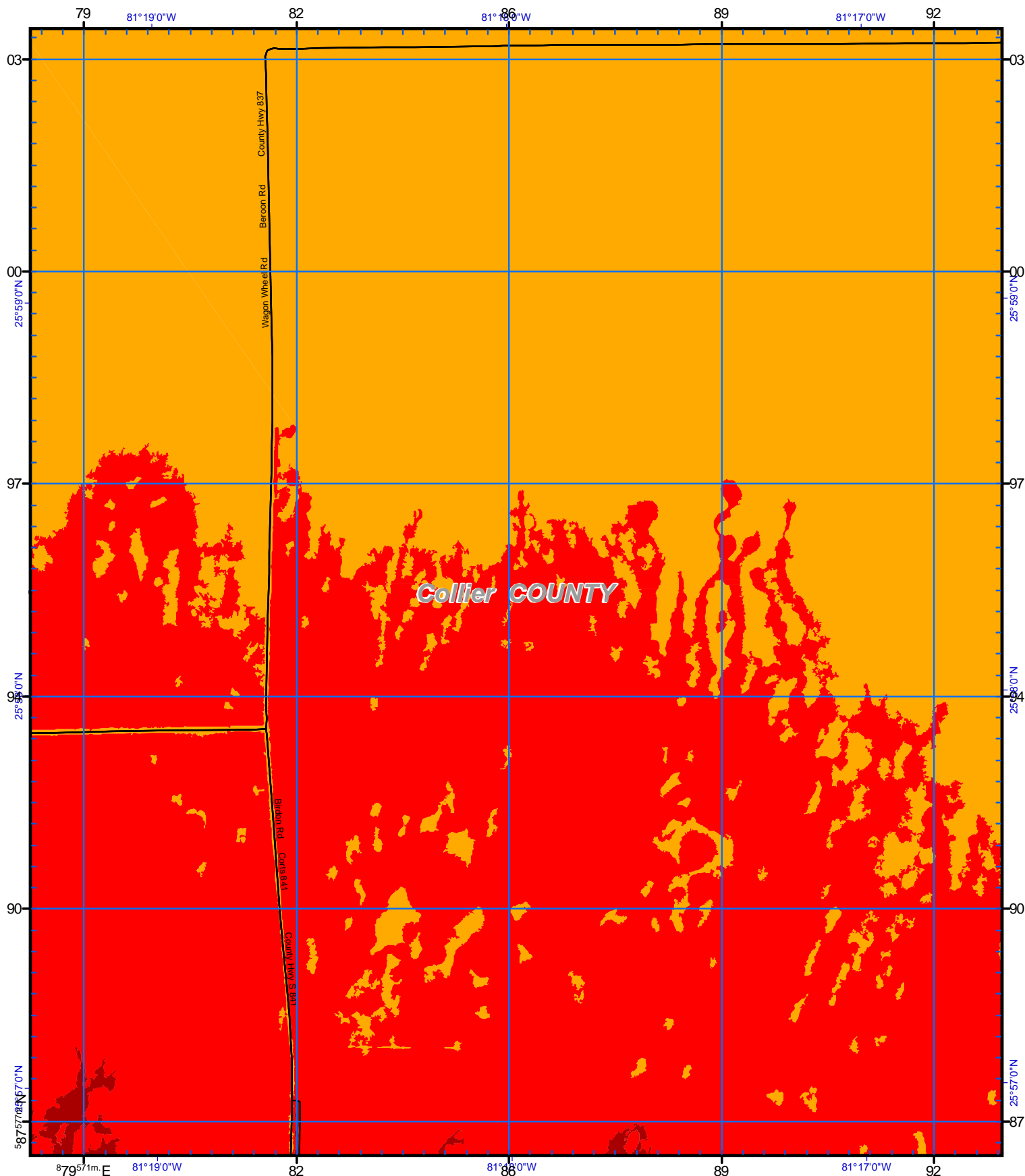
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4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

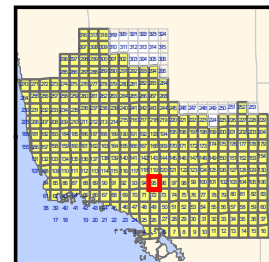
USNG Page **17R MJ 68 70**

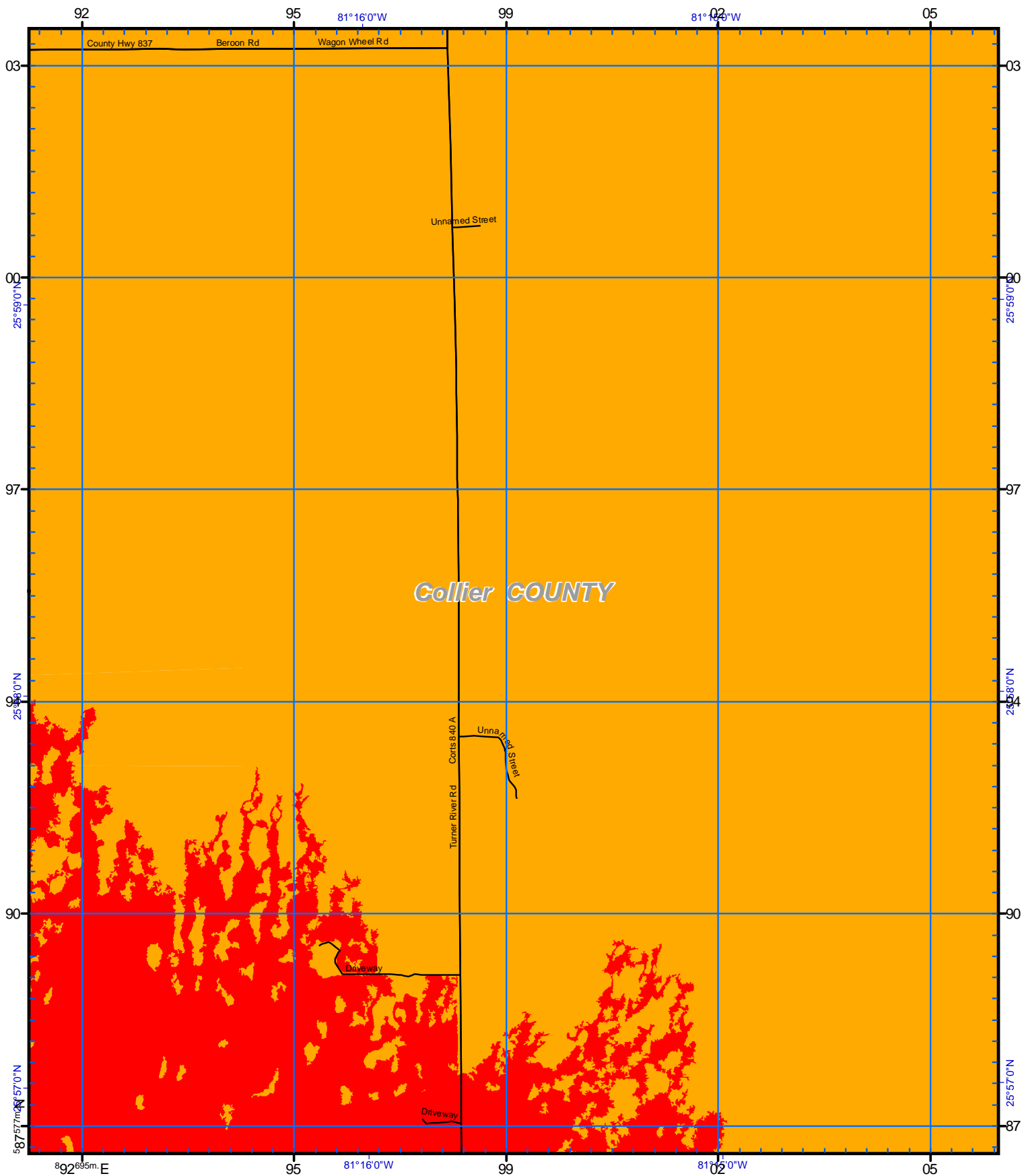
Map Plate **95**

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Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

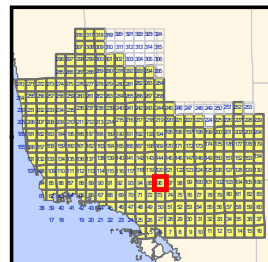
USNG Page 17R MJ 72 70

Map Plate 96

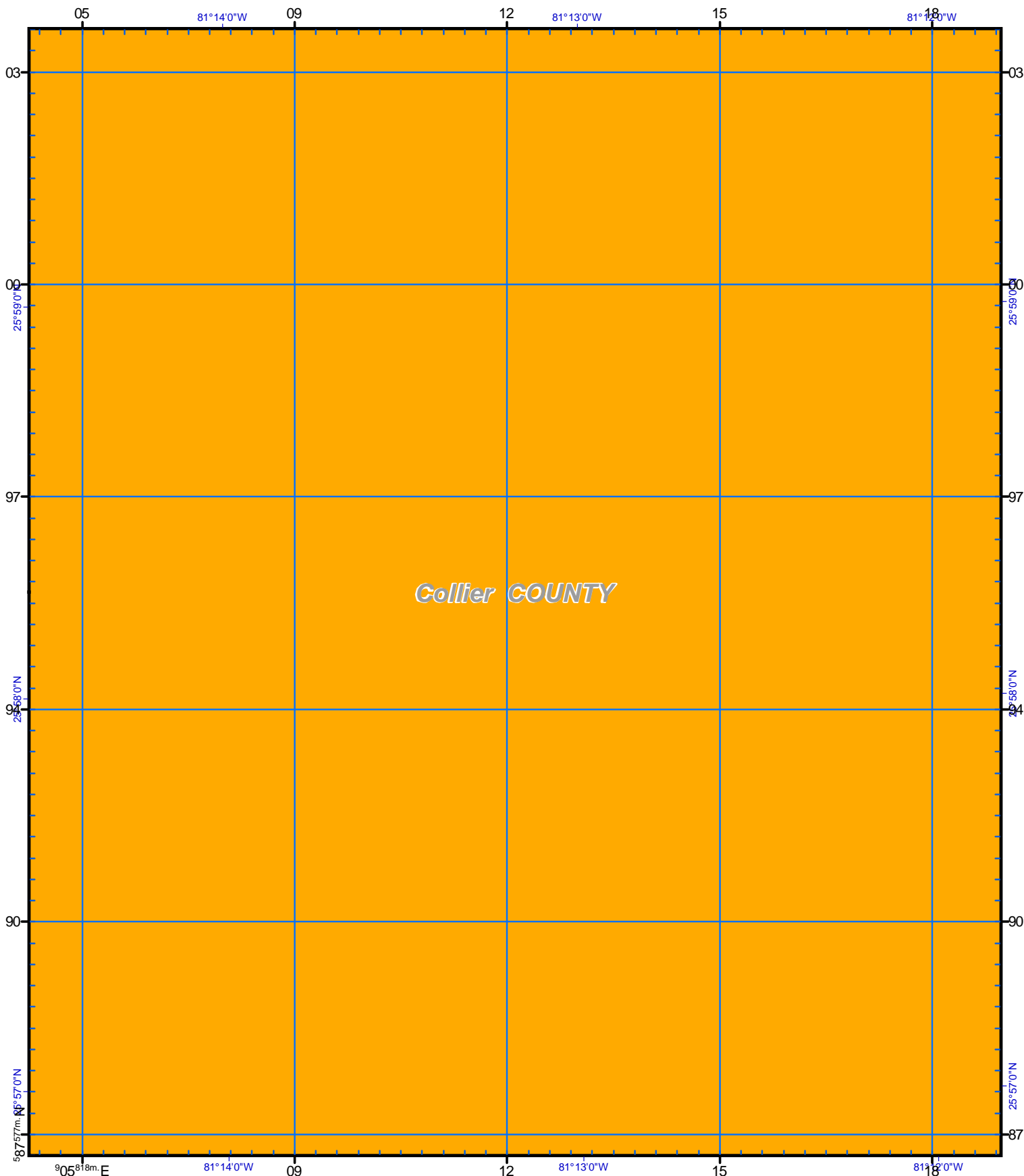
Page 114

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

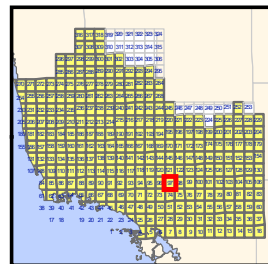
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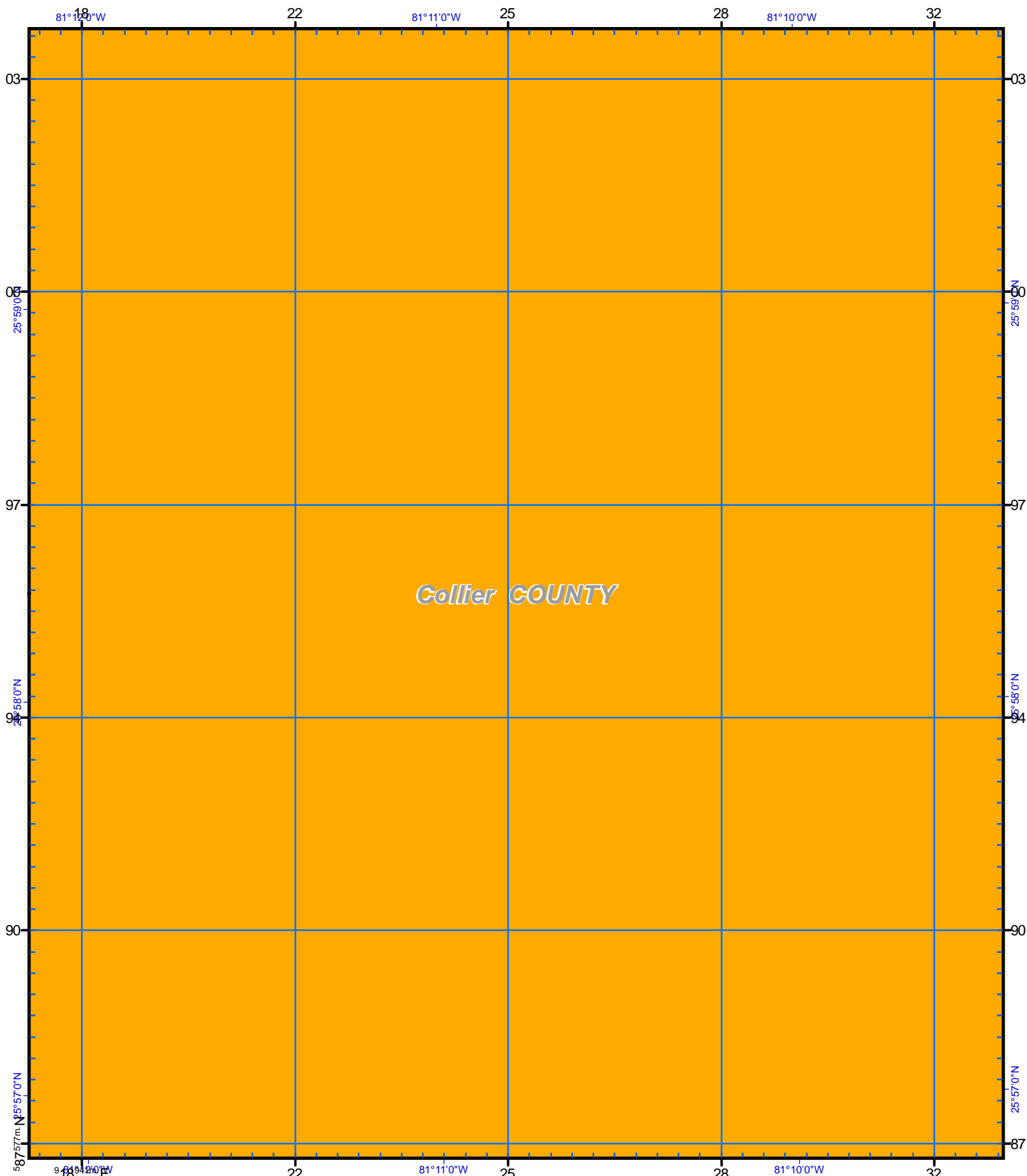
Map Plate **97**

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Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	





US National Grid
100,000-m Square ID
MJ
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

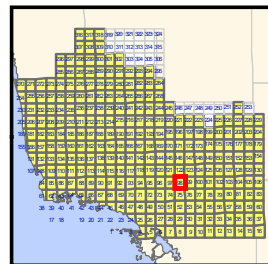
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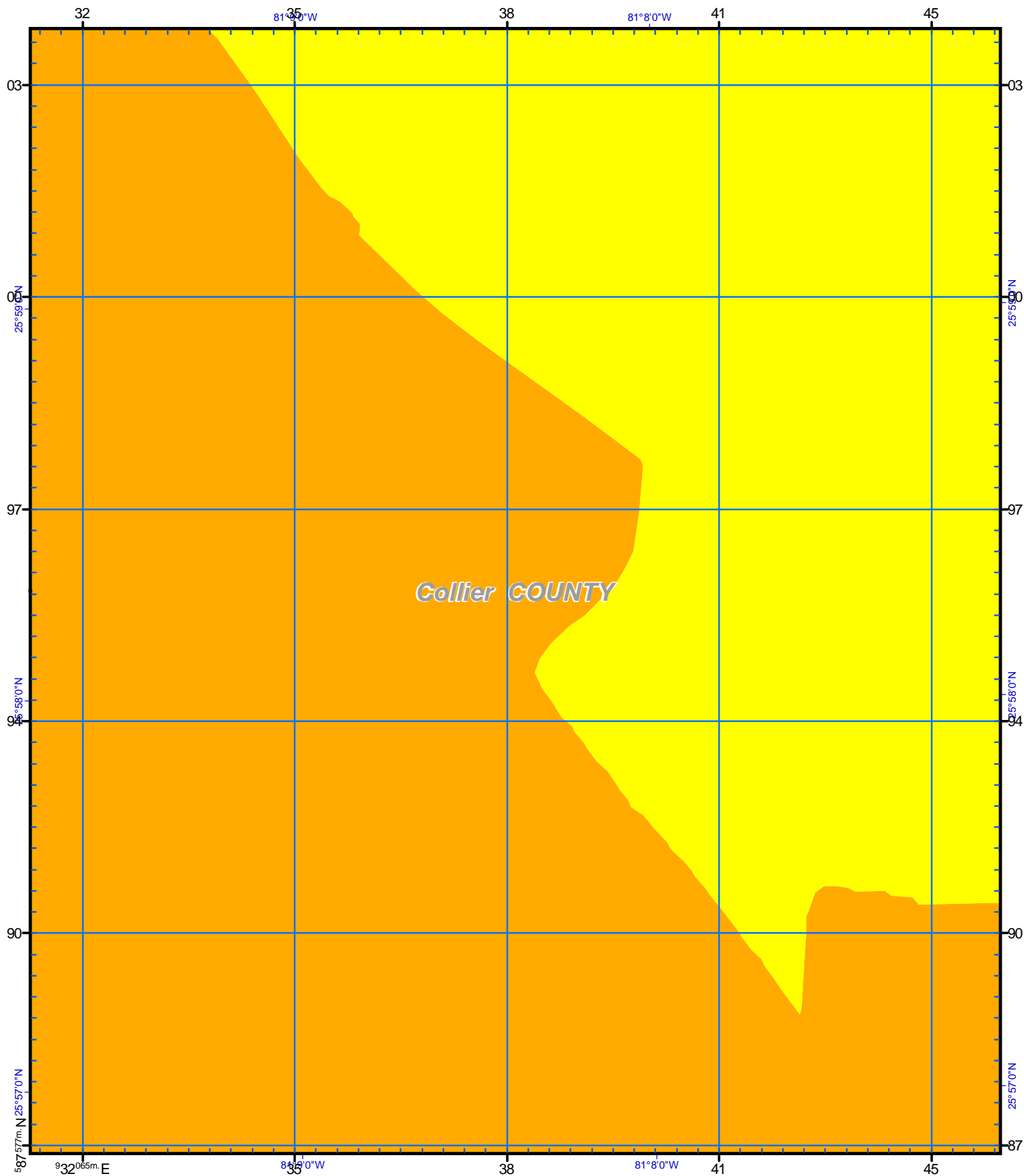
Map Plate **98**

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Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

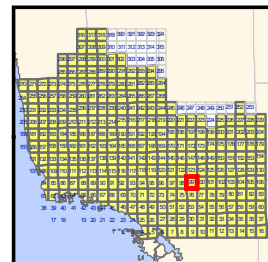
USNG Page 17R MJ 84 70

Map Plate 99

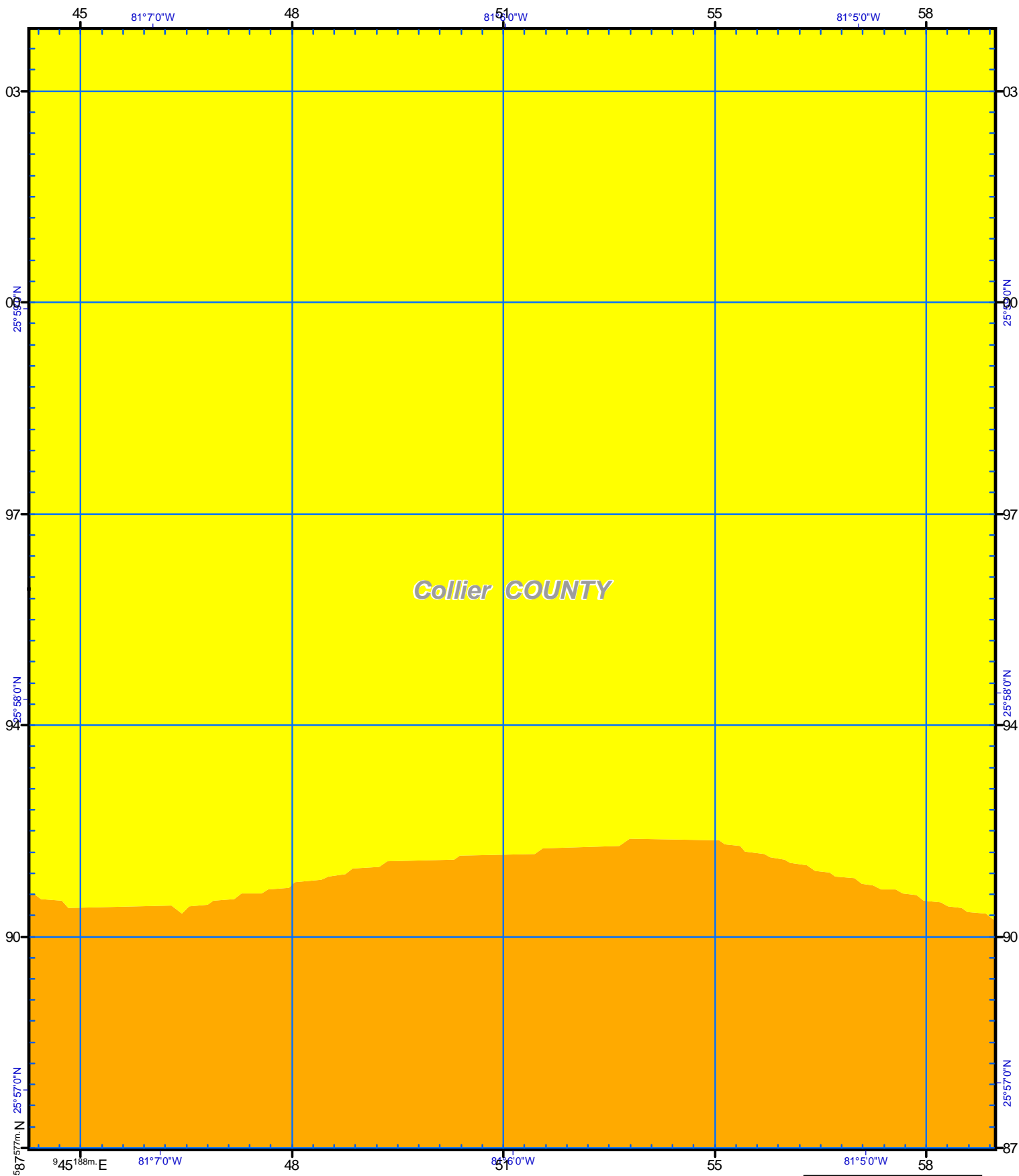
Page 117

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
■	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

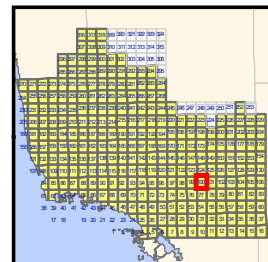
USNG Page **17R MJ 88 70**

Map Plate **100**

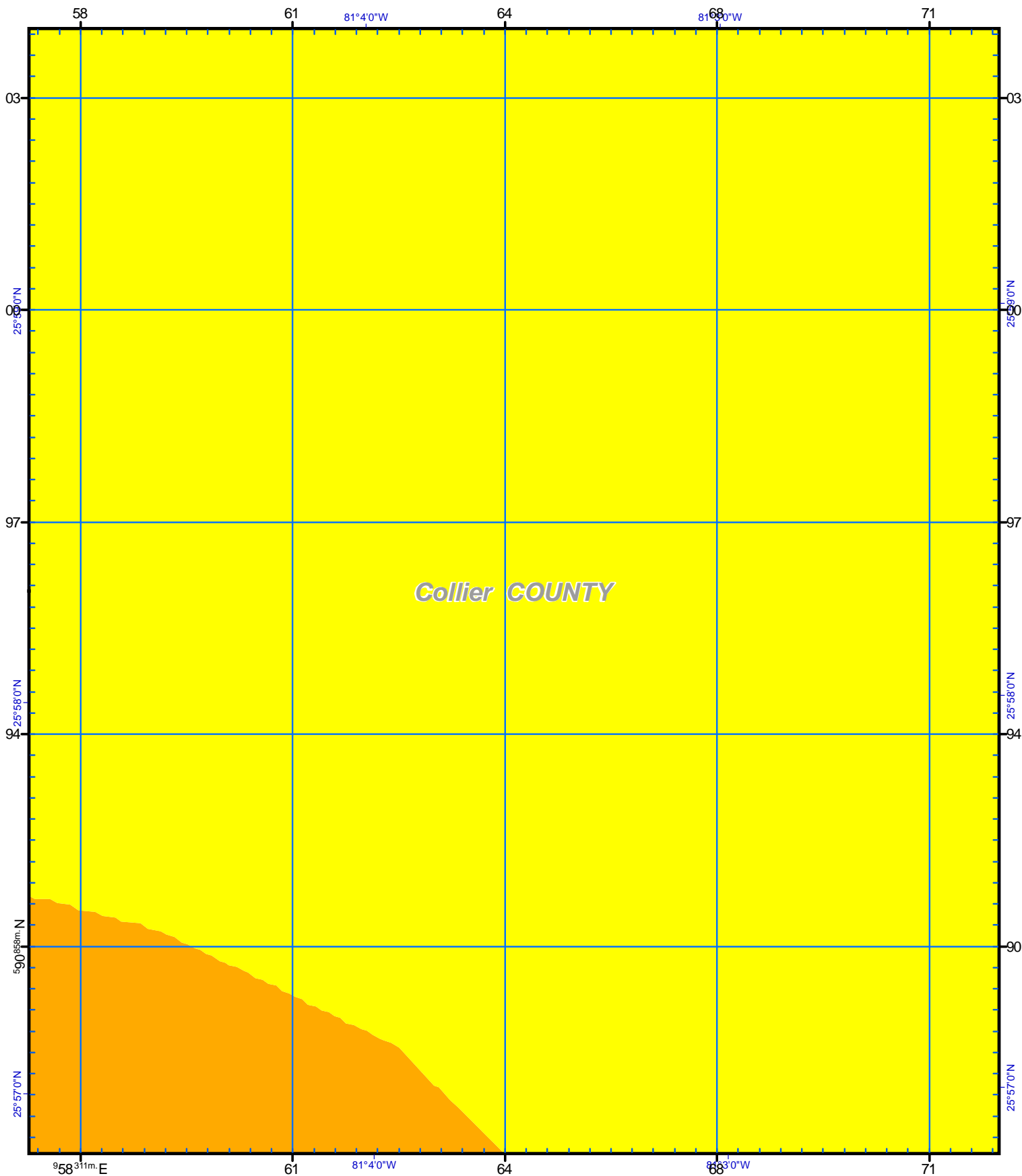
Page 118

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
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MJ

Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

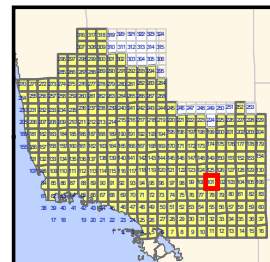
USNG Page **17R MJ 92 70**

Map Plate **101**

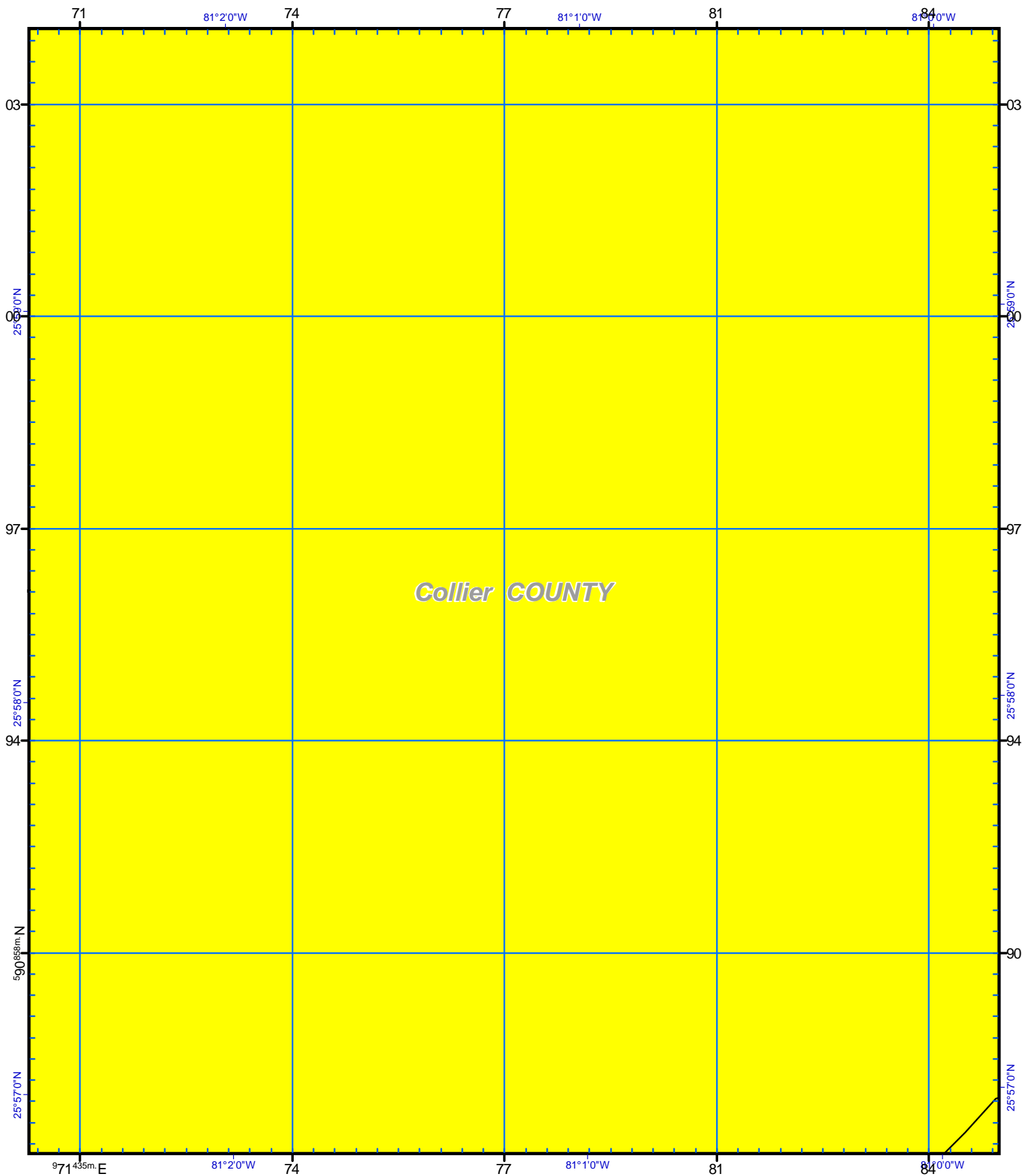
Page 119

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

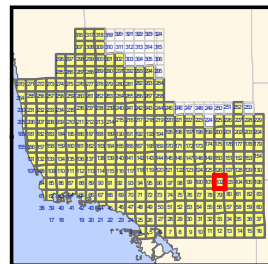
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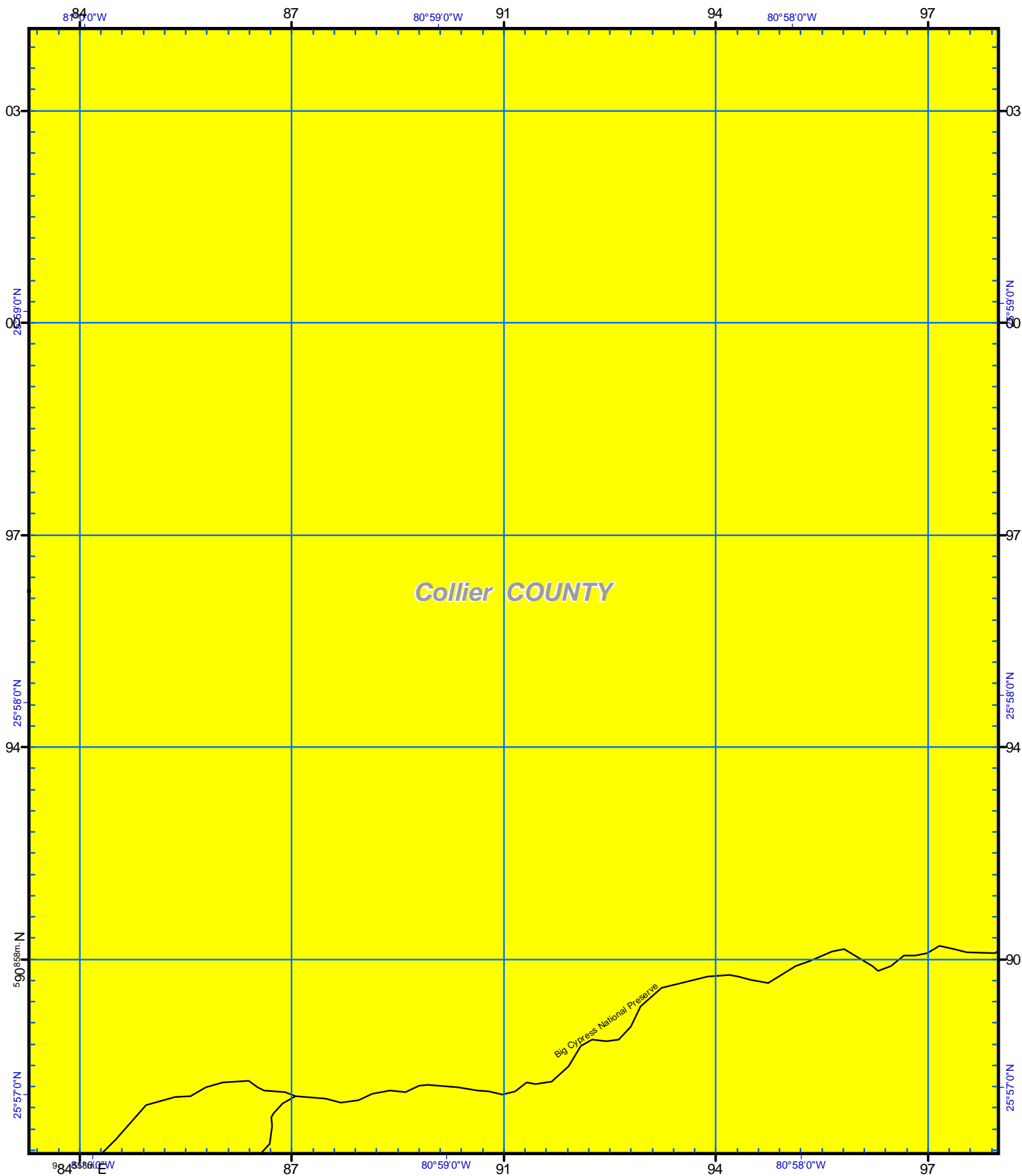
Map Plate **102**

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Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	





US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 00 70

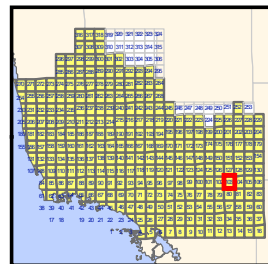
Map Plate 103

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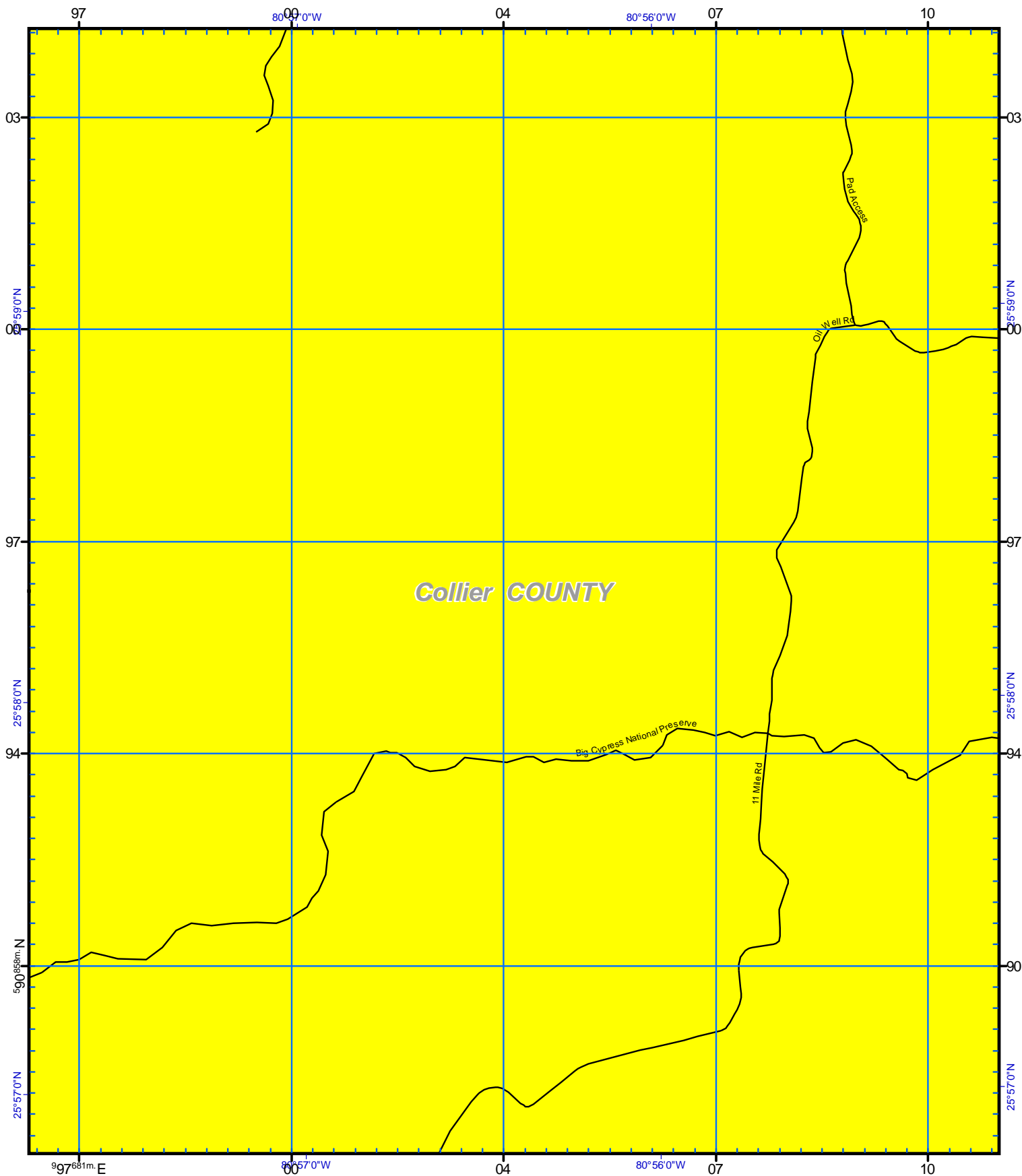
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 04 70**

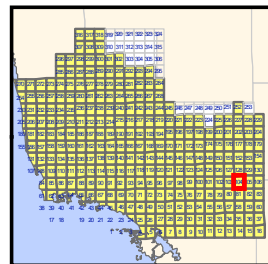
Map Plate **104**

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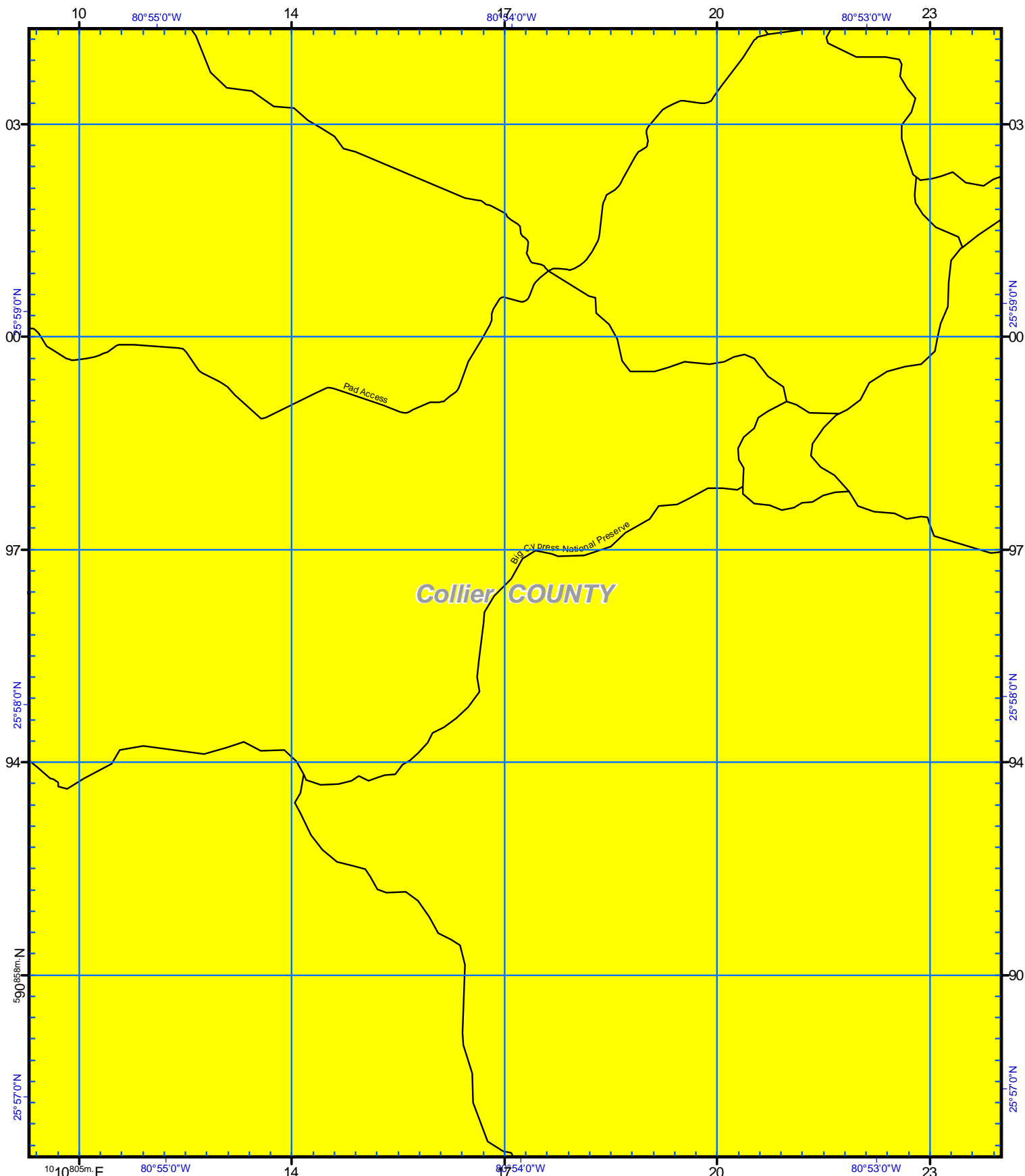
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 08 70**

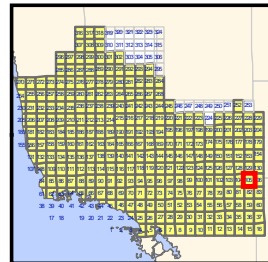
Map Plate **105**

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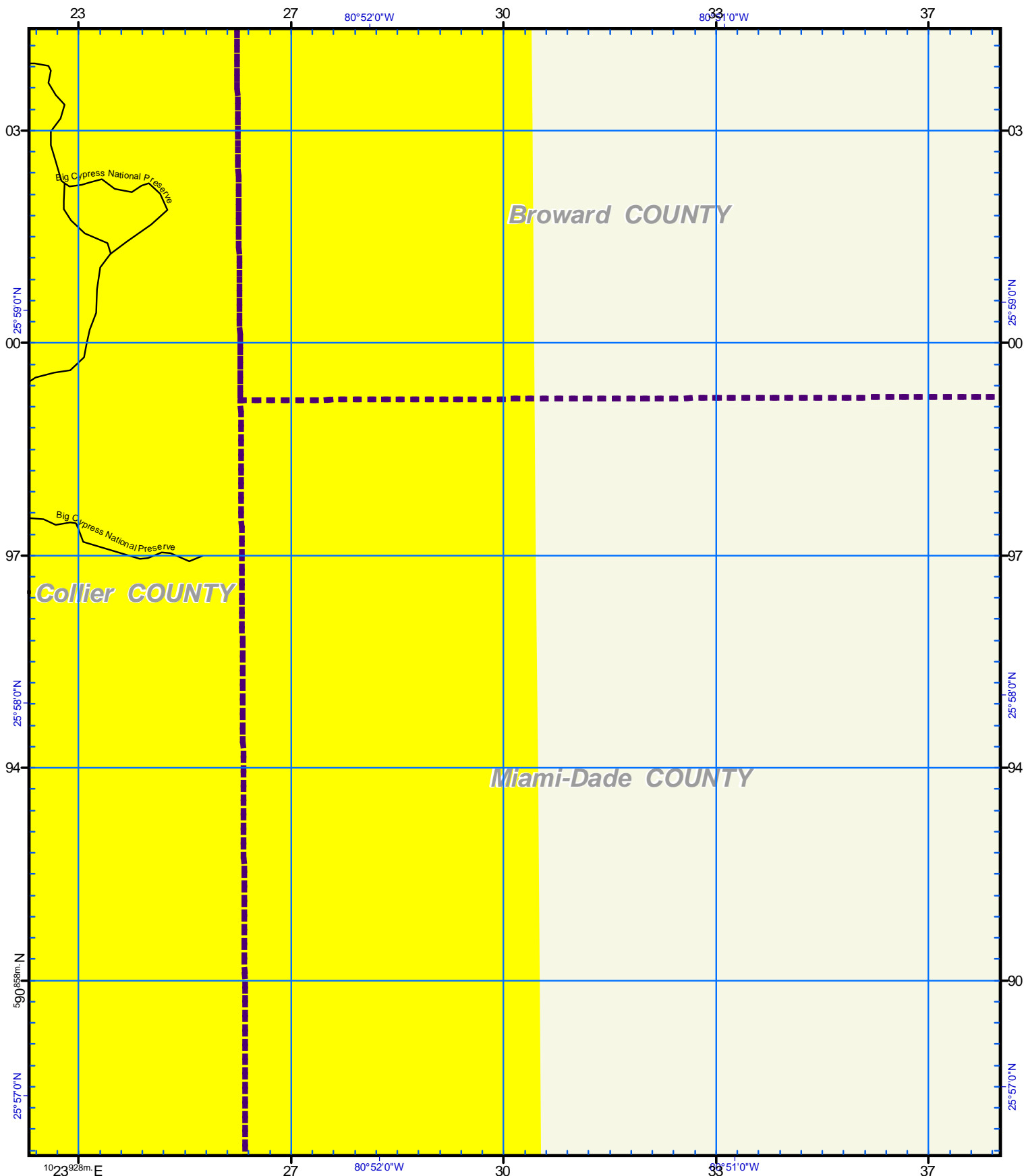
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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Grid Zone Designation
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 12 70

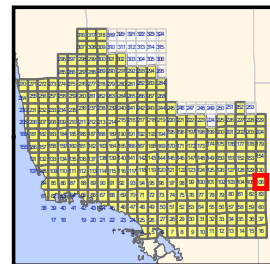
Map Plate 106

Page 124

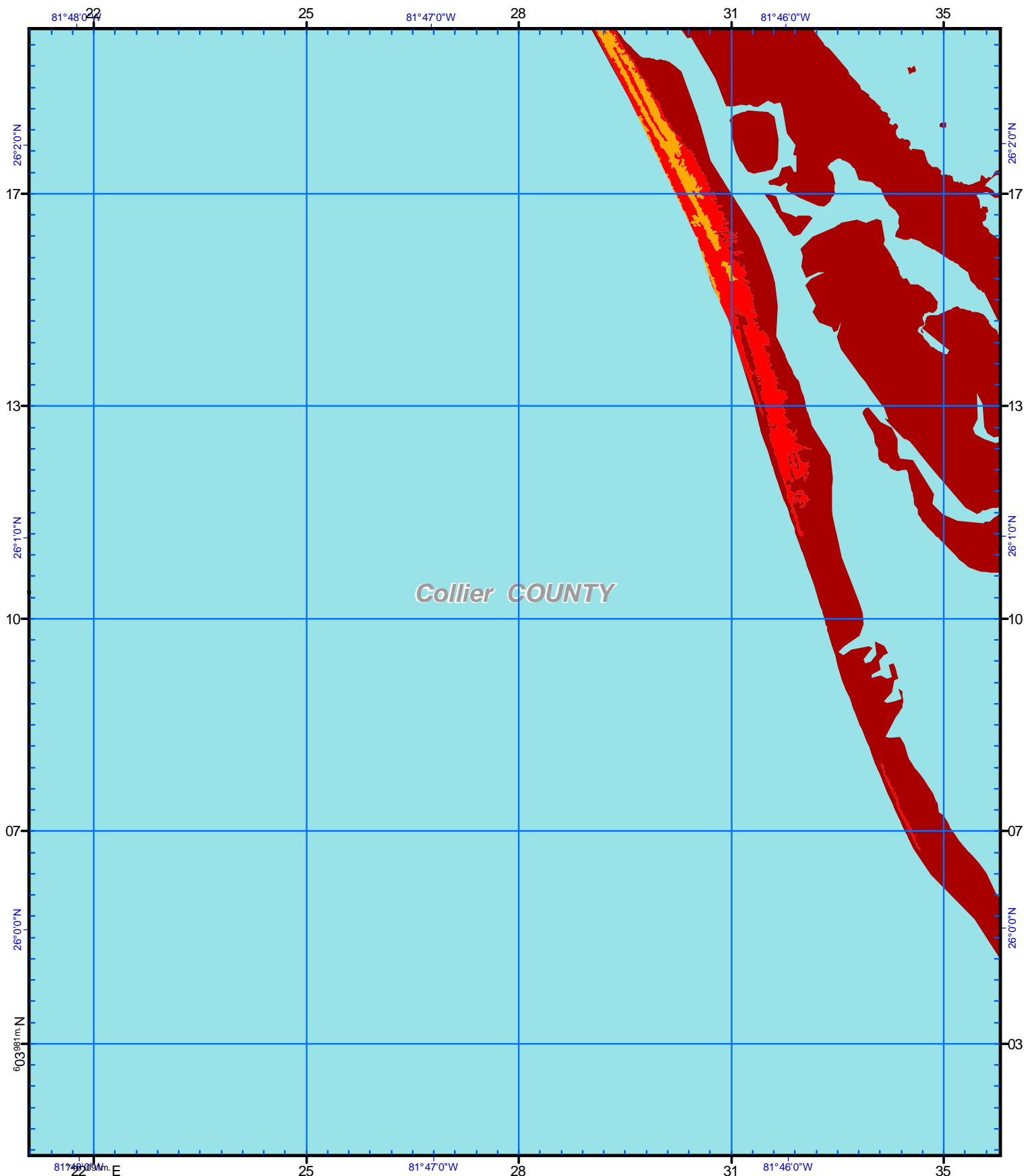
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 20 75

Map Plate 107

Page 125

Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat

TS

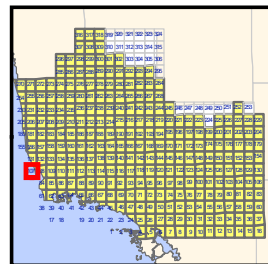
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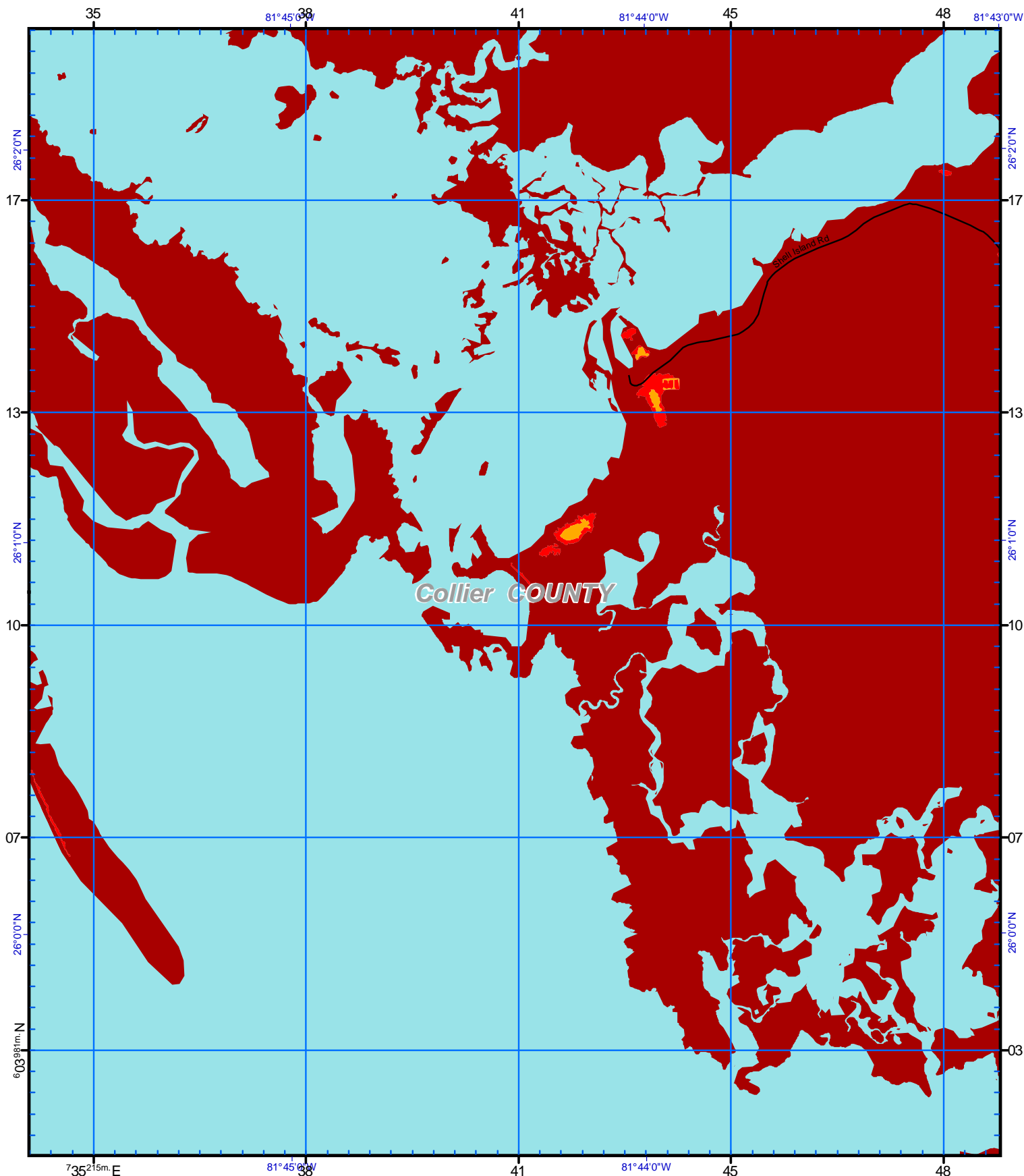
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4

5



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 24 75

Map Plate 108

Page 126

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

WATER

Cat

TS

1

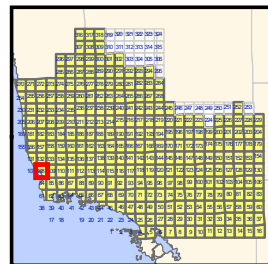
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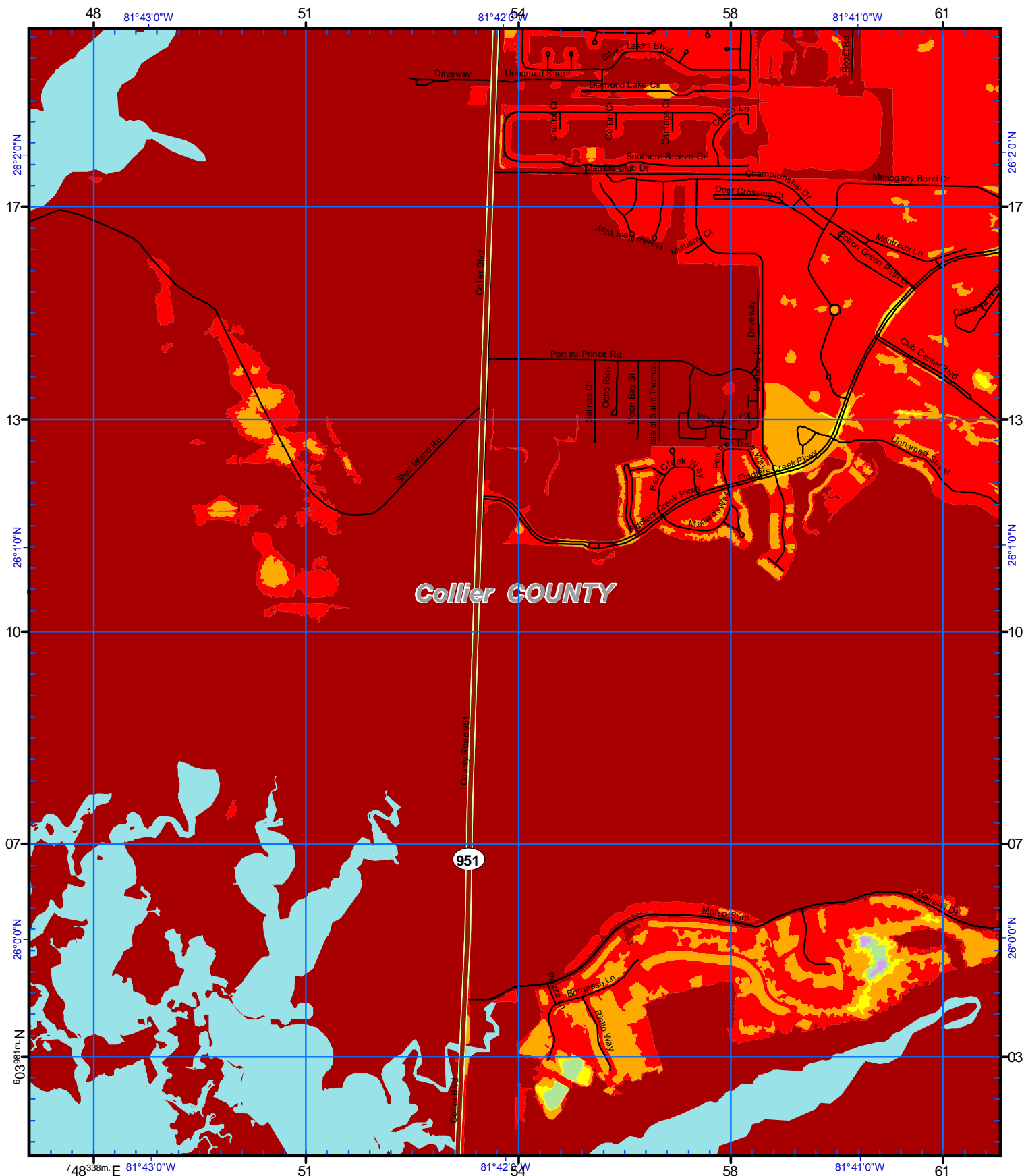
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4

5

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 28 75

Map Plate 109

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Legend

- Ref Point
- H HOSPITAL
- C City Limits
- Evac Route
- WATER

Cat

TS

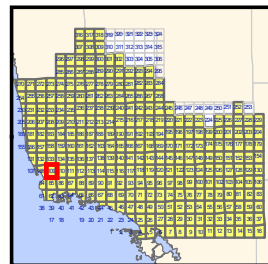
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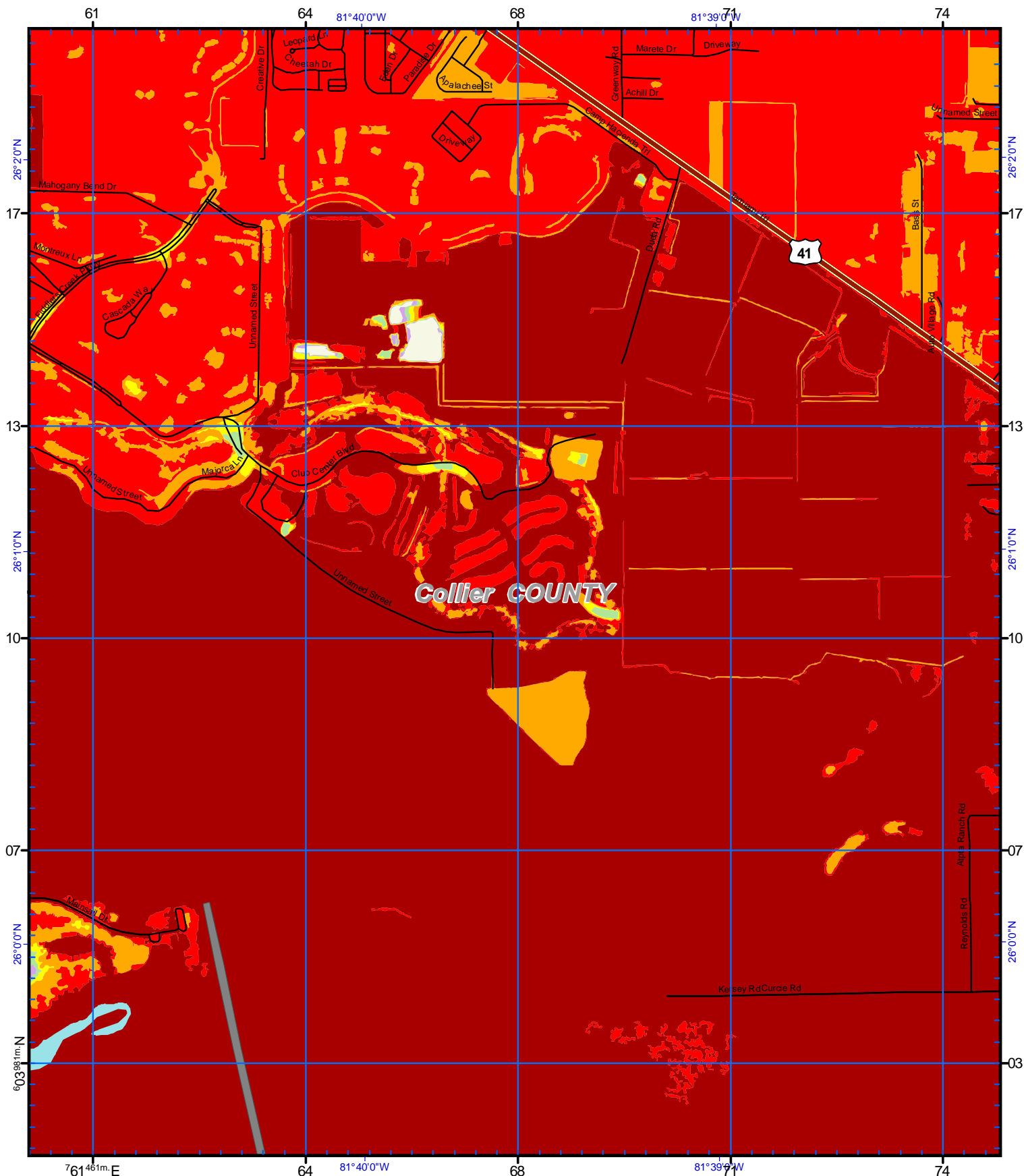
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4

5



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US National Grid
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MJ

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17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 32 75**

Map Plate **110**

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Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat

TS

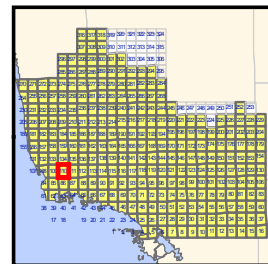
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2

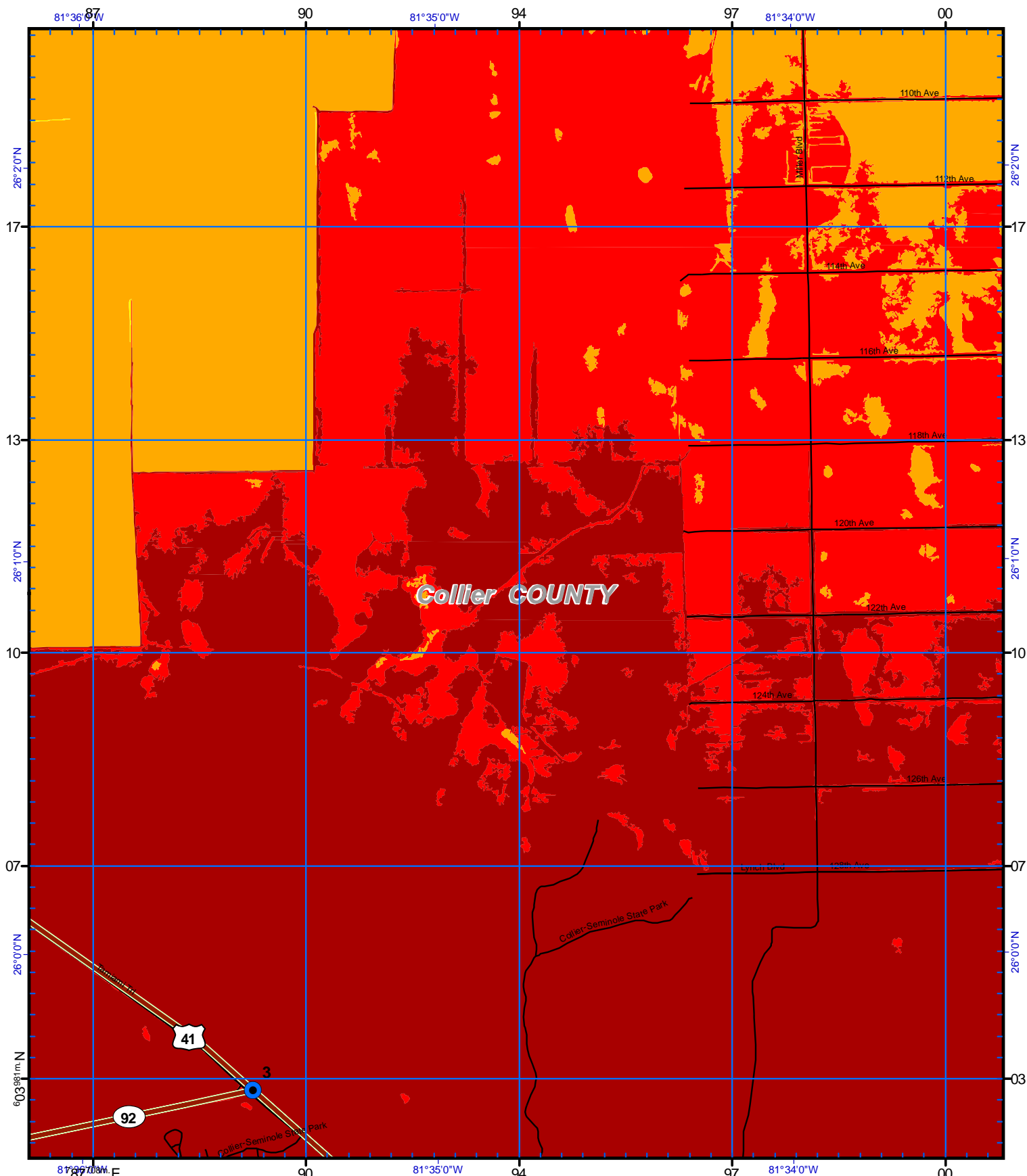
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4

5



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US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 40 75**

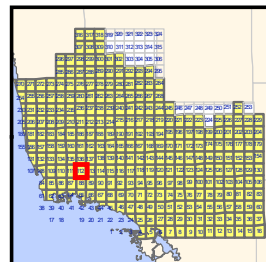
Map Plate **112**

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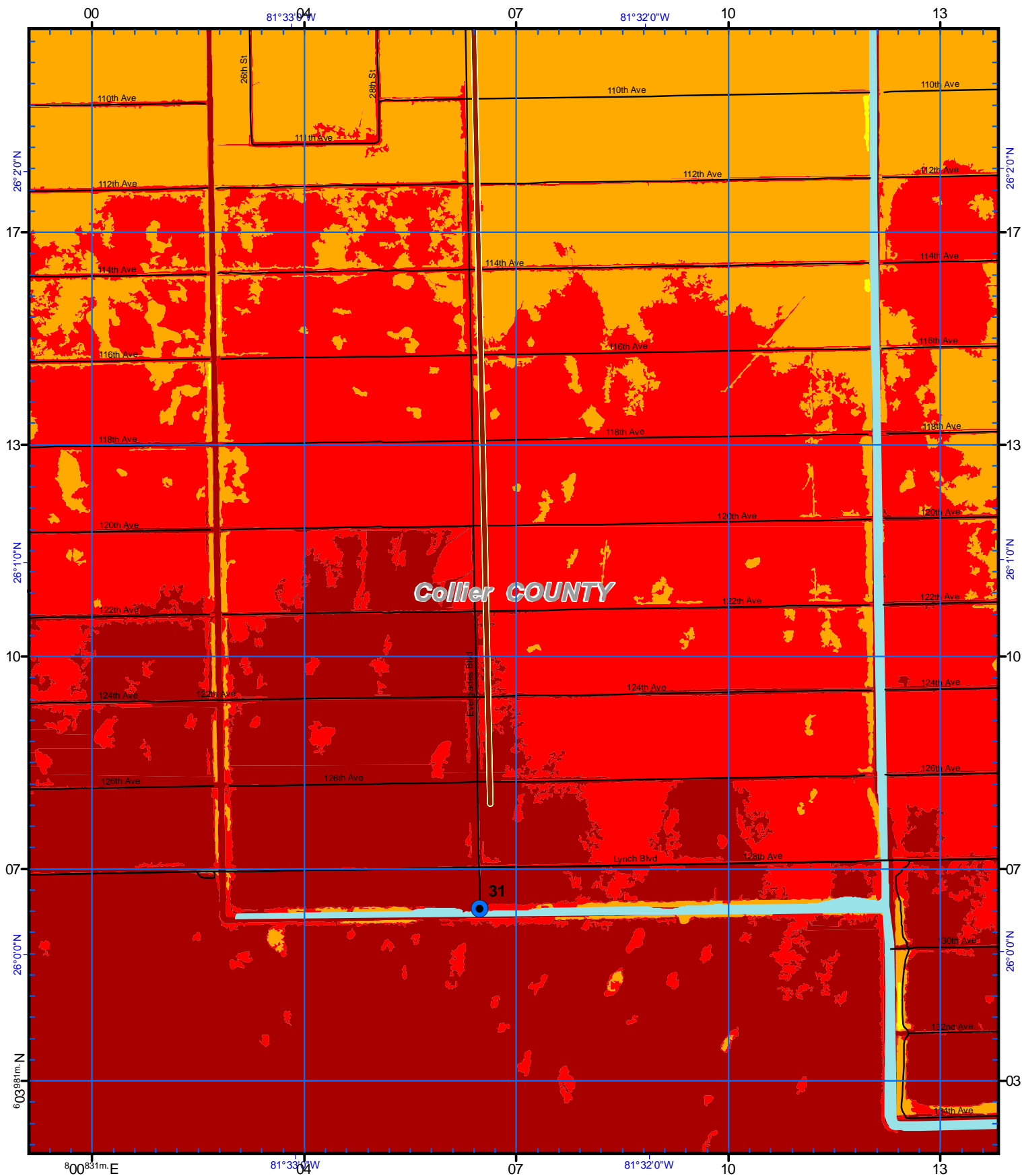
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
TS
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This map is for reference & planning purposes only. Hurricane evacuation decision-making and growth management implementation are local responsibilities. Please consult with local authorities.



US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 44 75

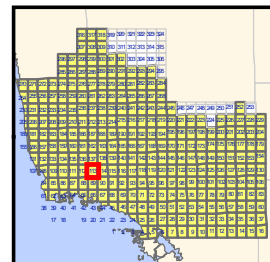
Map Plate 113

Page 131

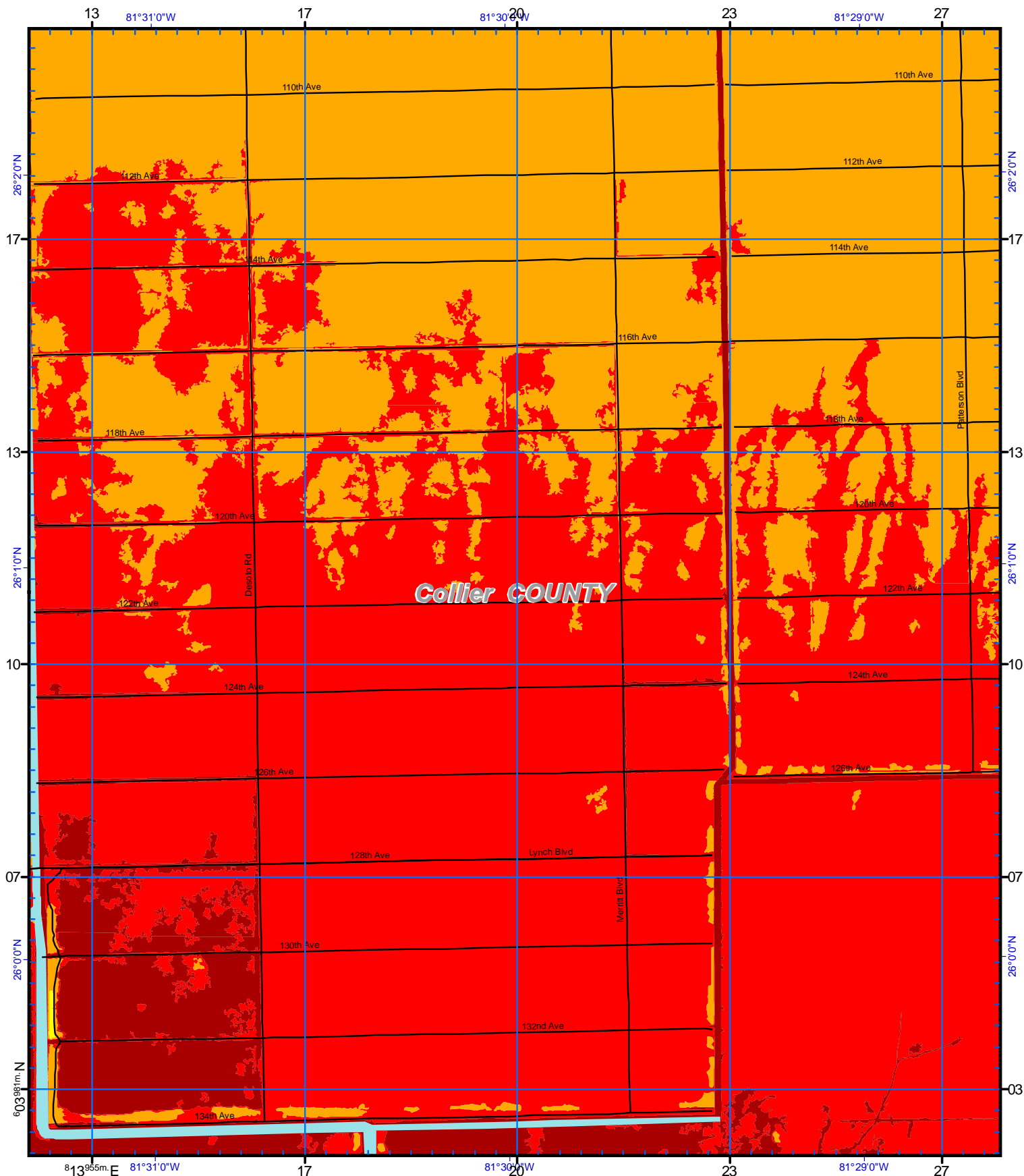
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 48 75**

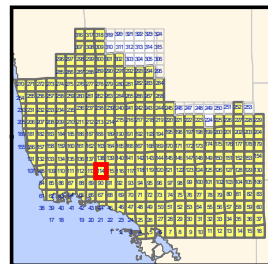
Map Plate **114**

Page 132

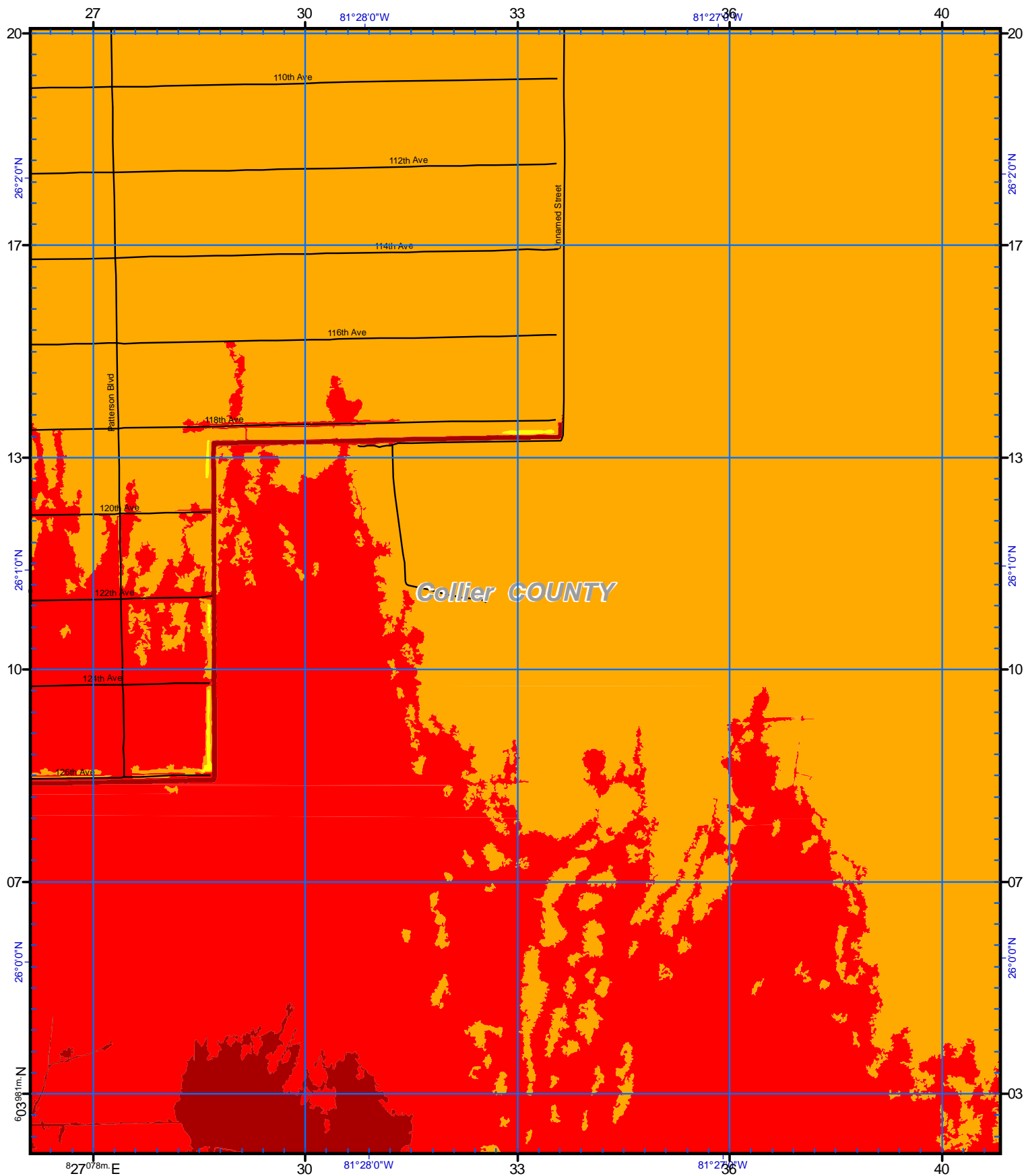
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 52 75**

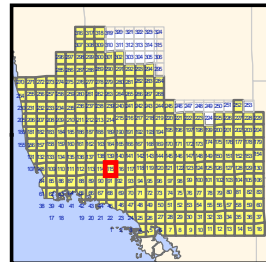
Map Plate **115**

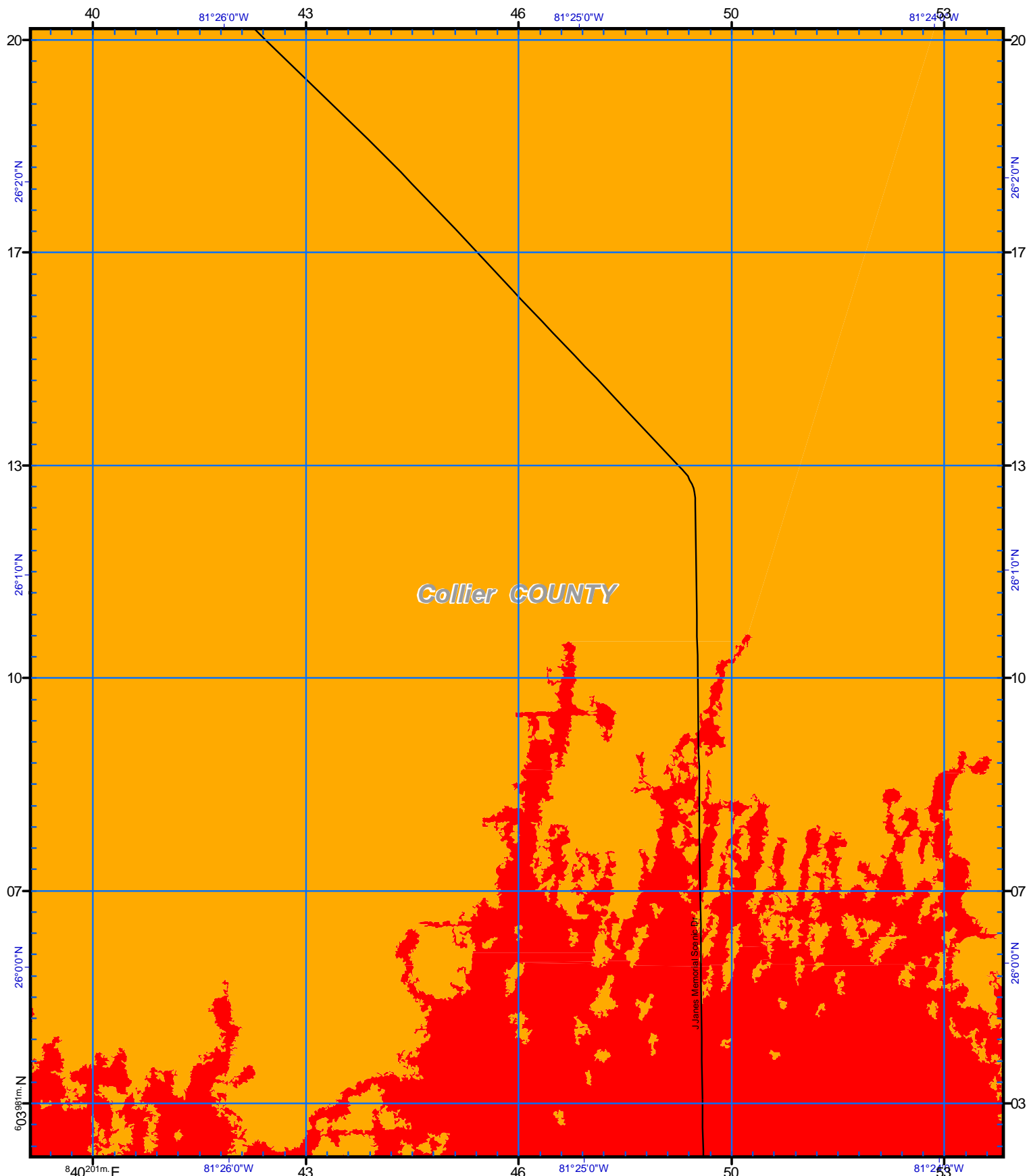
Page 133

Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

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TS
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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 56 75**

Map Plate **116**

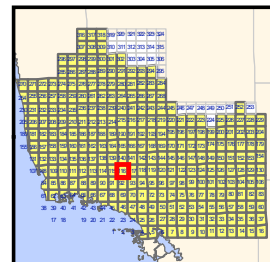
Page 134

Legend

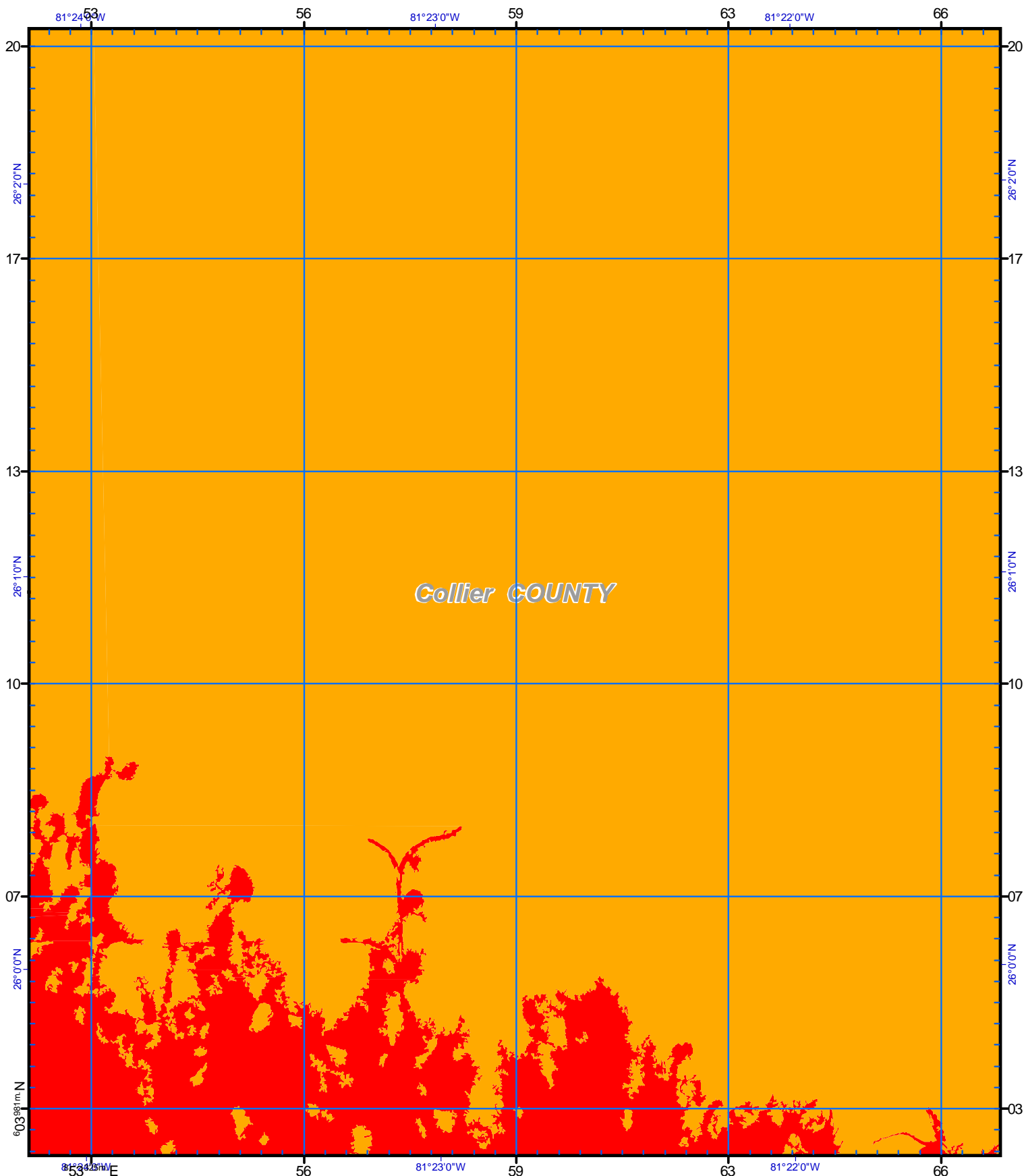
- Ref Point
- H HOSPITAL
- C City Limits
- Evac Route
- WATER

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| 4 | |
| 5 | |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 60 75

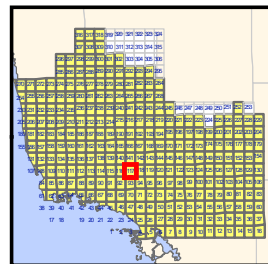
Map Plate 117

Page 135

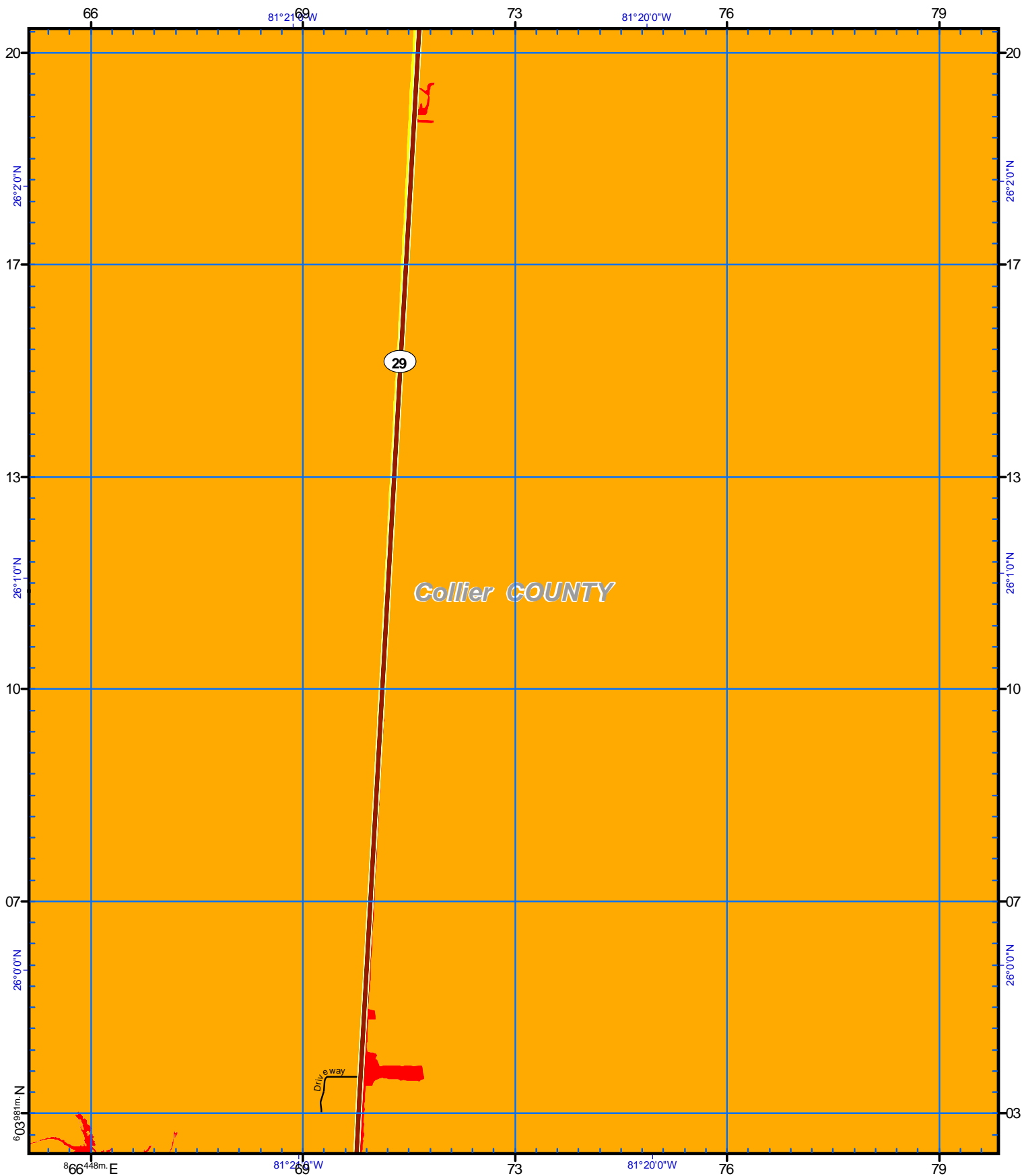
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

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TS
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US National Grid
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MJ
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 64 75

Map Plate 118

Page 136

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

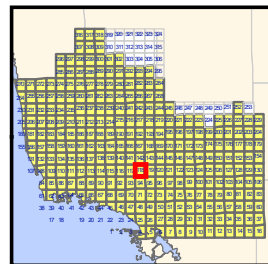
1

2

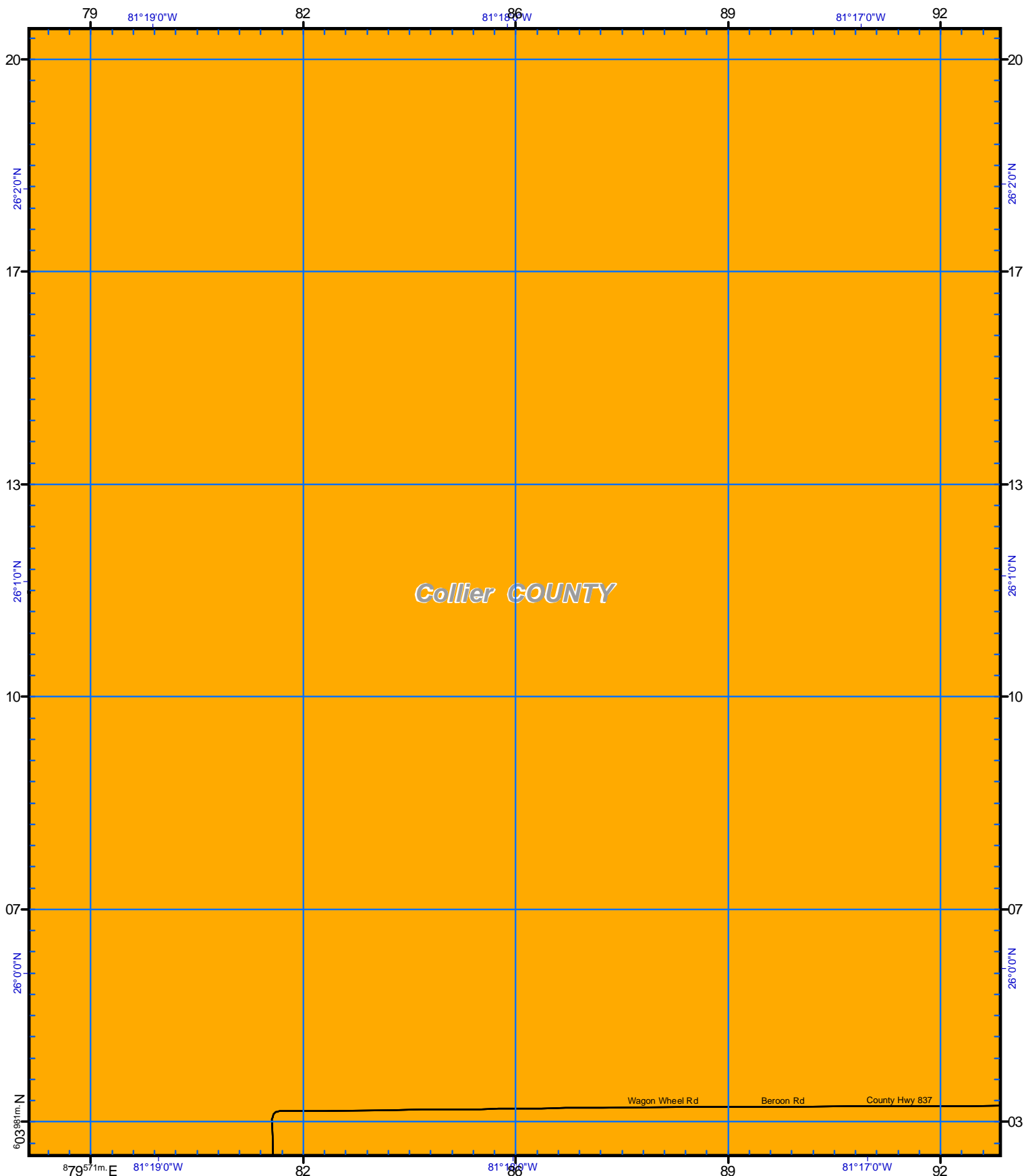
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 68 75

Map Plate 119

Page 137

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

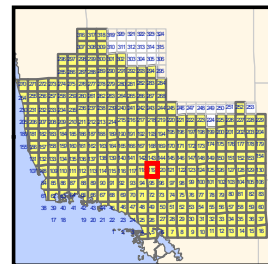
1

2

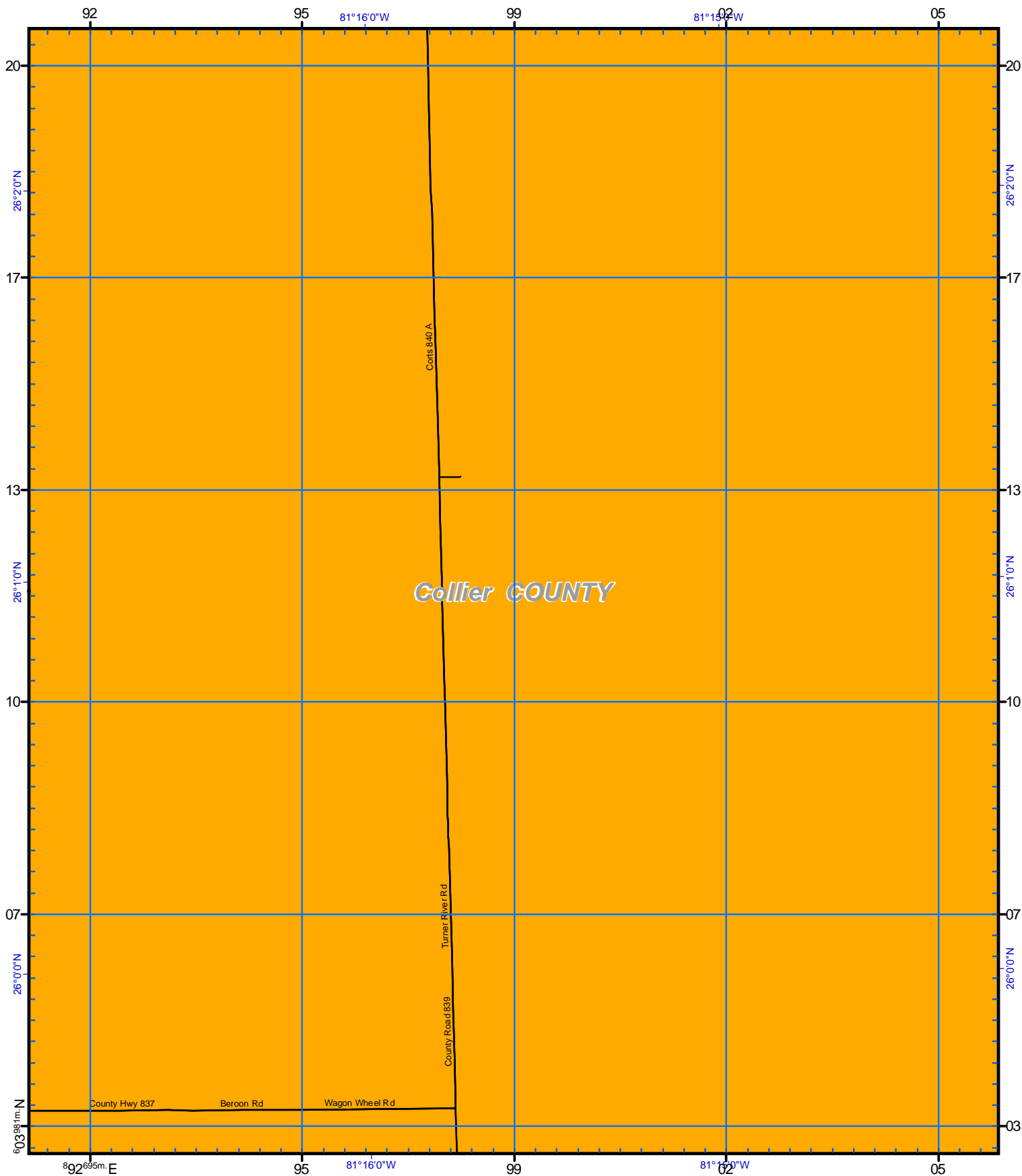
3

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5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

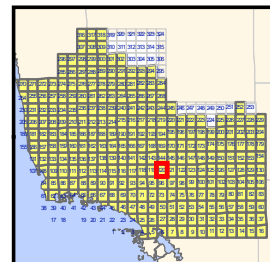
USNG Page 17R MJ 72 75

Map Plate 120

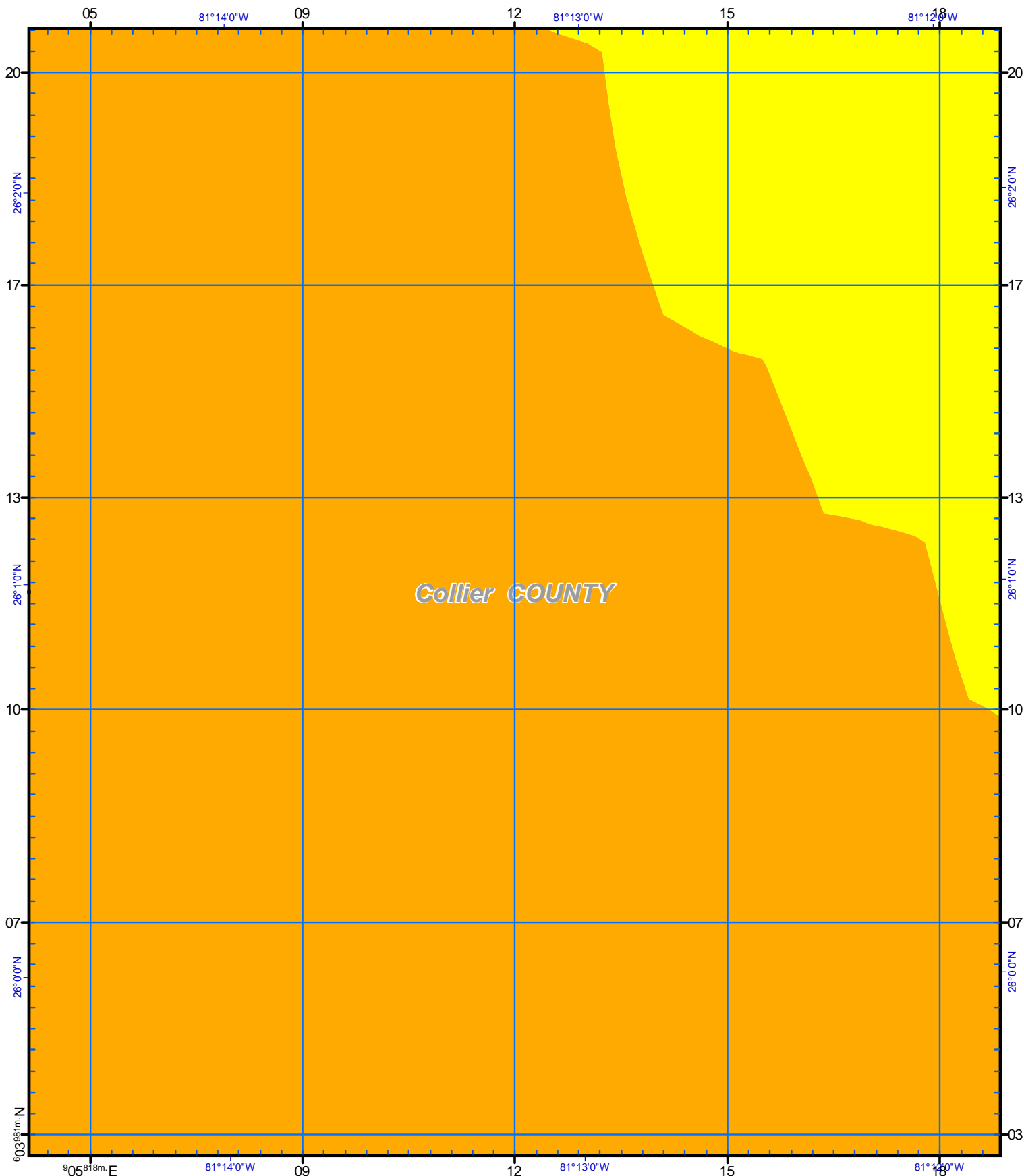
Page 138

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
■	WATER	3	
		4	
		5	



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US National Grid
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MJ
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17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 76 75

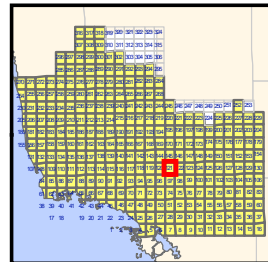
Map Plate 121

Page 139

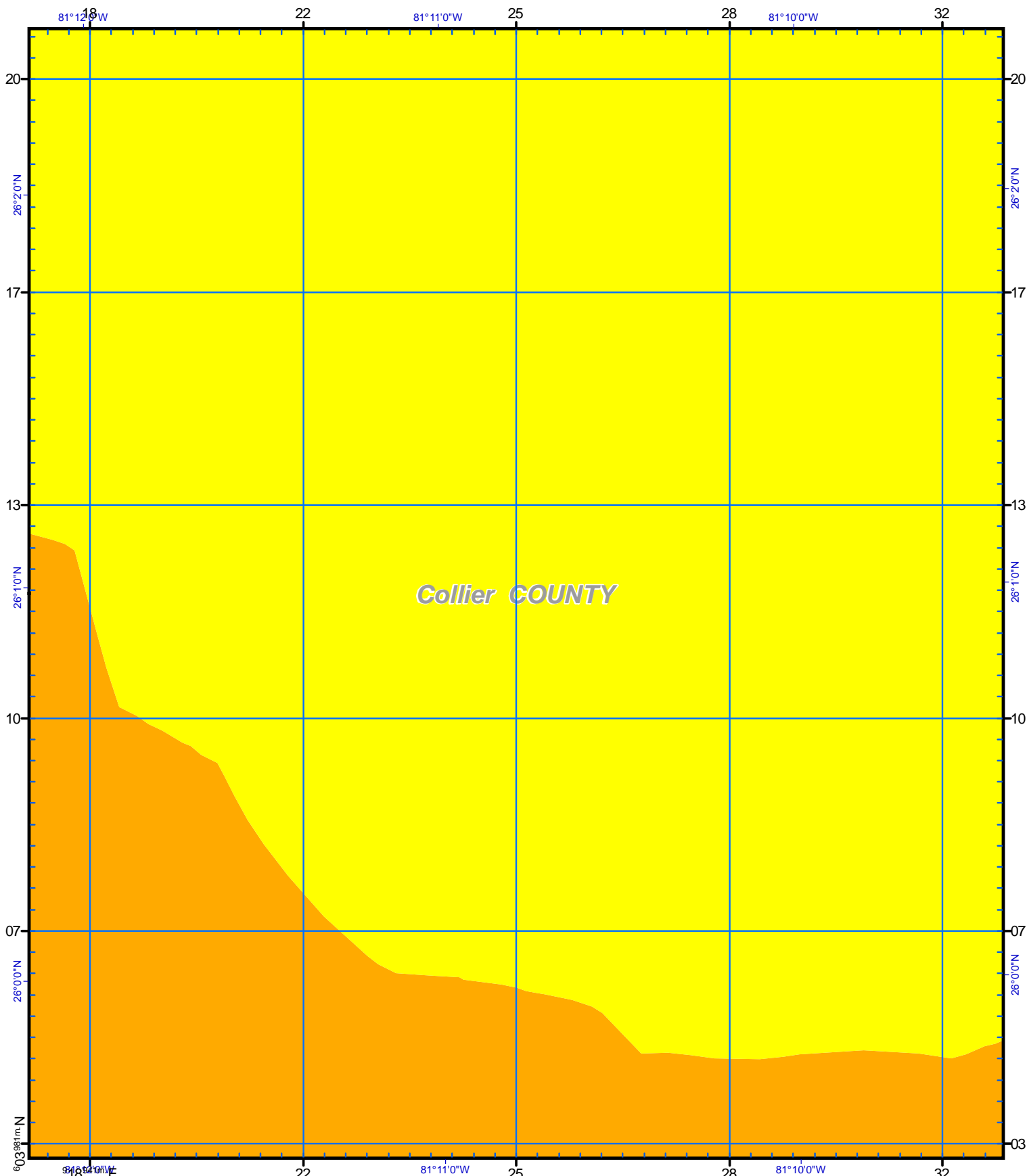
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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MJ
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 80 75

Map Plate 122

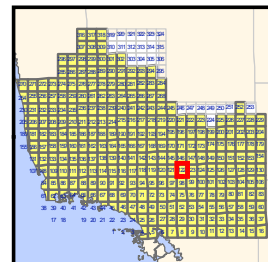
Page 140

Legend

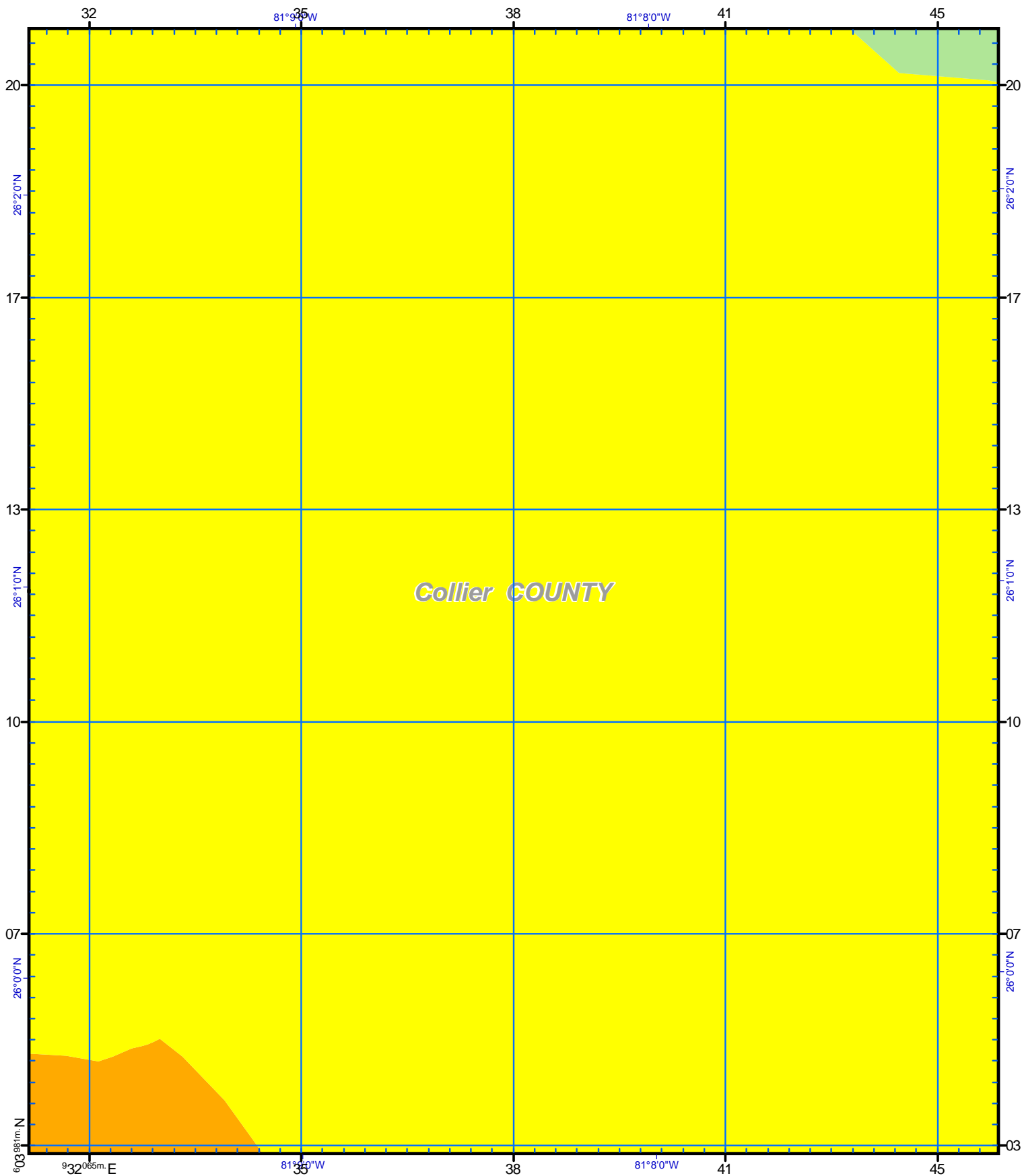
- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 84 75

Map Plate 123

Page 141

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

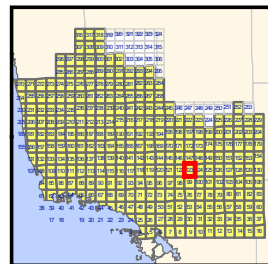
1

2

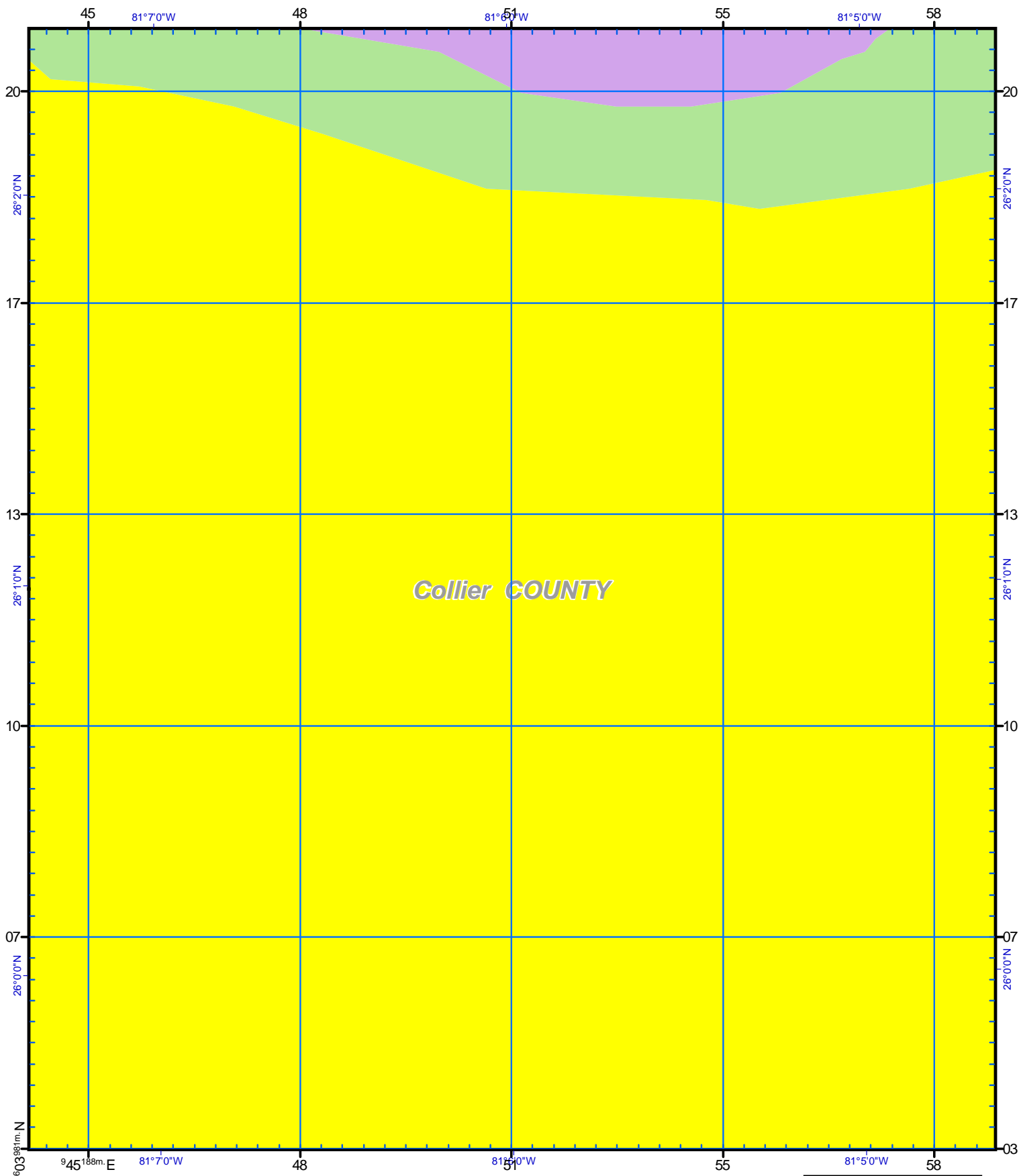
3

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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 88 75**

Map Plate **124**

Page 142

Legend

● Ref Point

⌘ HOSPITAL

▭ City Limits

— Evac Route

■ WATER

Cat

TS

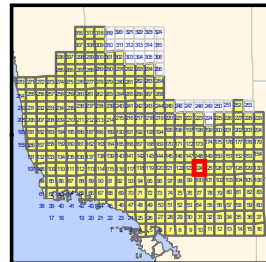
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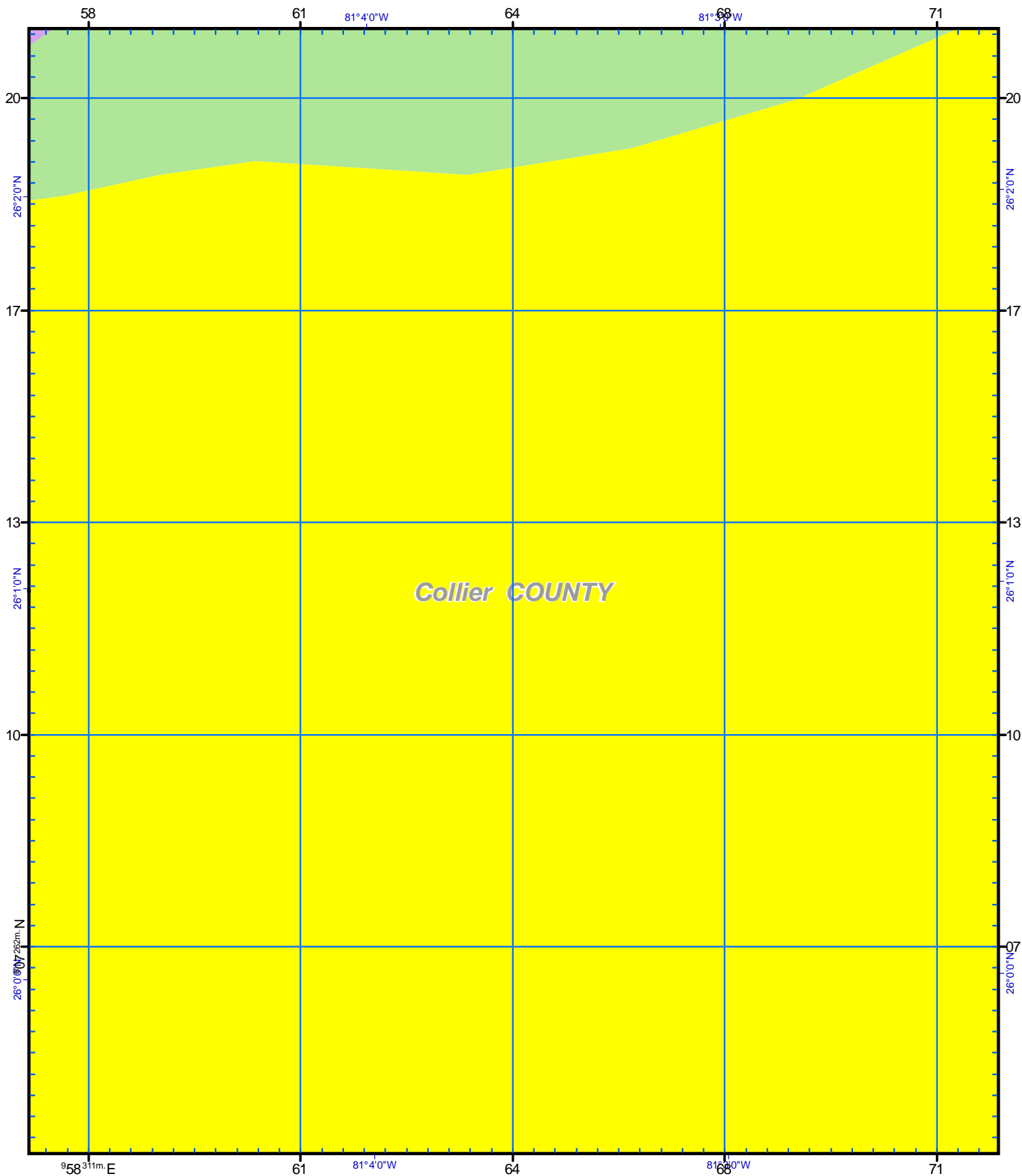
2

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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Map Deformation
4°31'W
Changing by
5" W per yr
Date 2009

Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

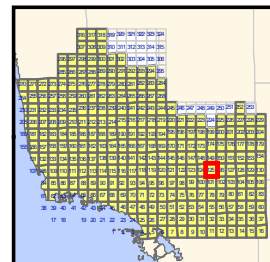
USNG Page 17R MJ 92 75

Map Plate 125

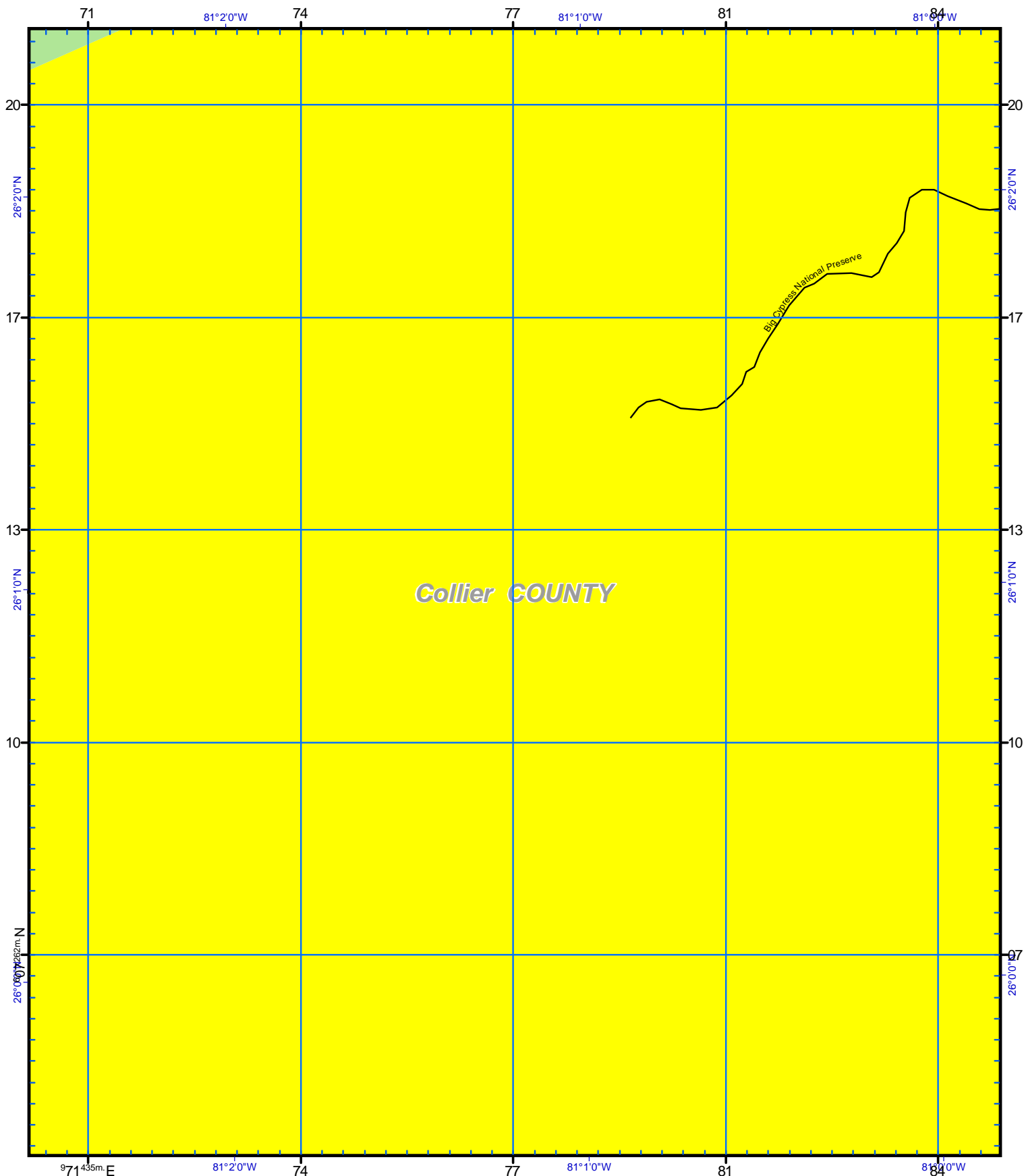
Page 143

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
■	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ

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17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 96 75

Map Plate 126

Page 144

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

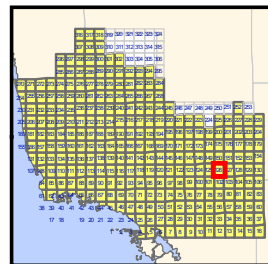
1

2

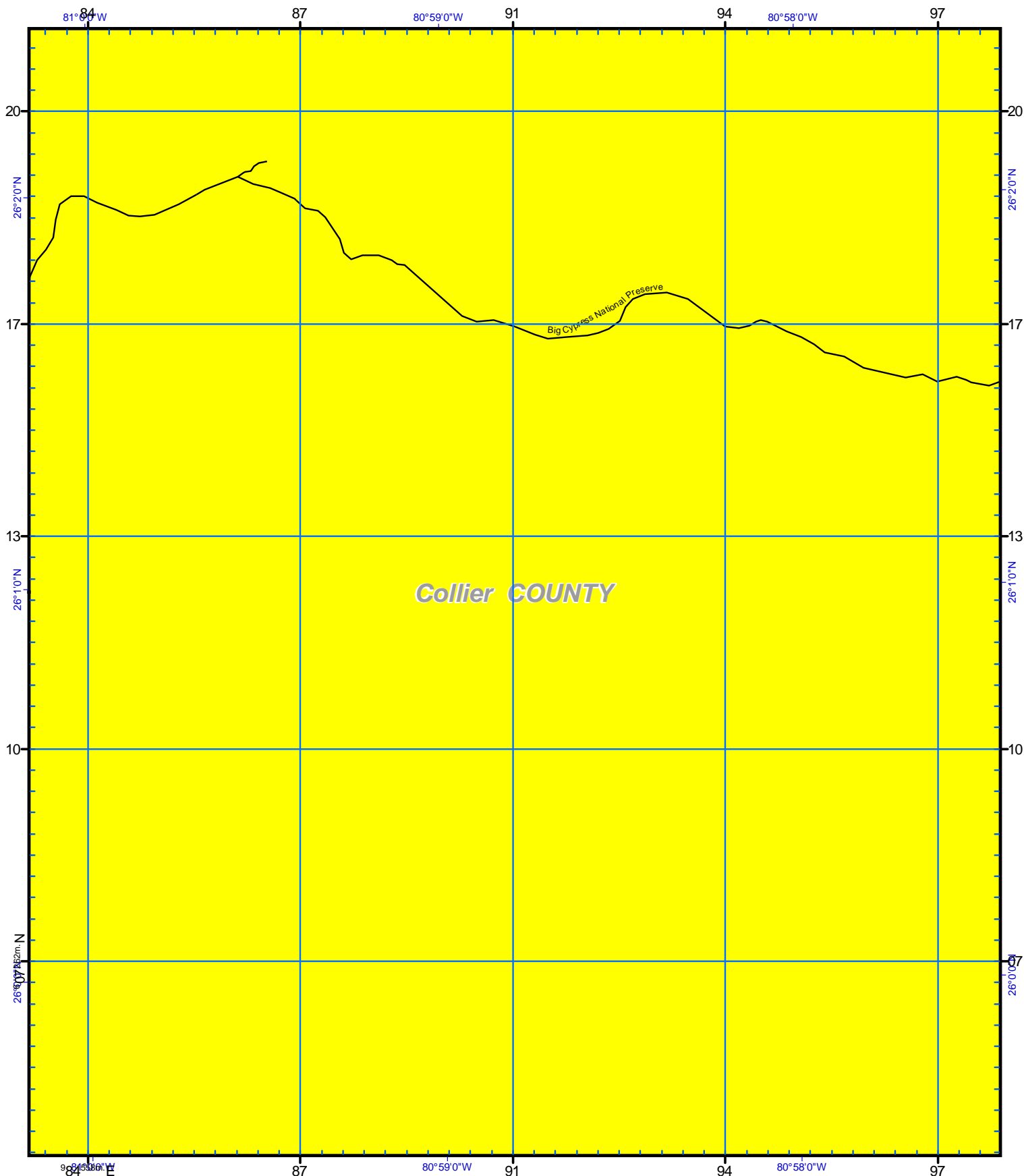
3

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5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 00 75

Map Plate 127

Page 145

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

1

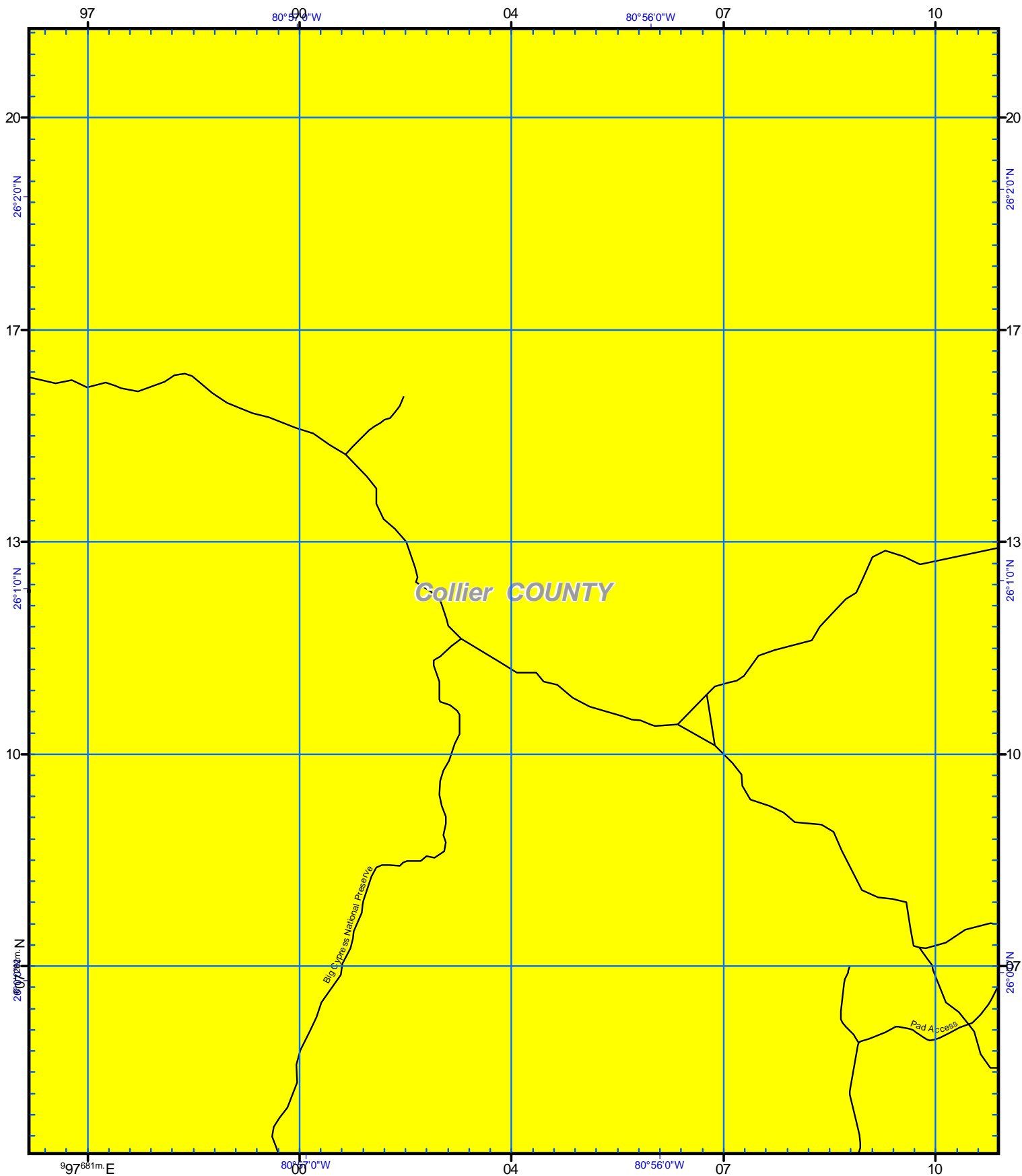
2

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US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 04 75

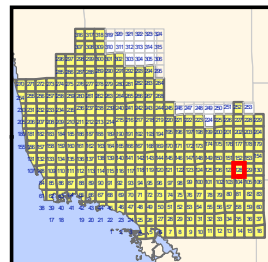
Map Plate 128

Page 146

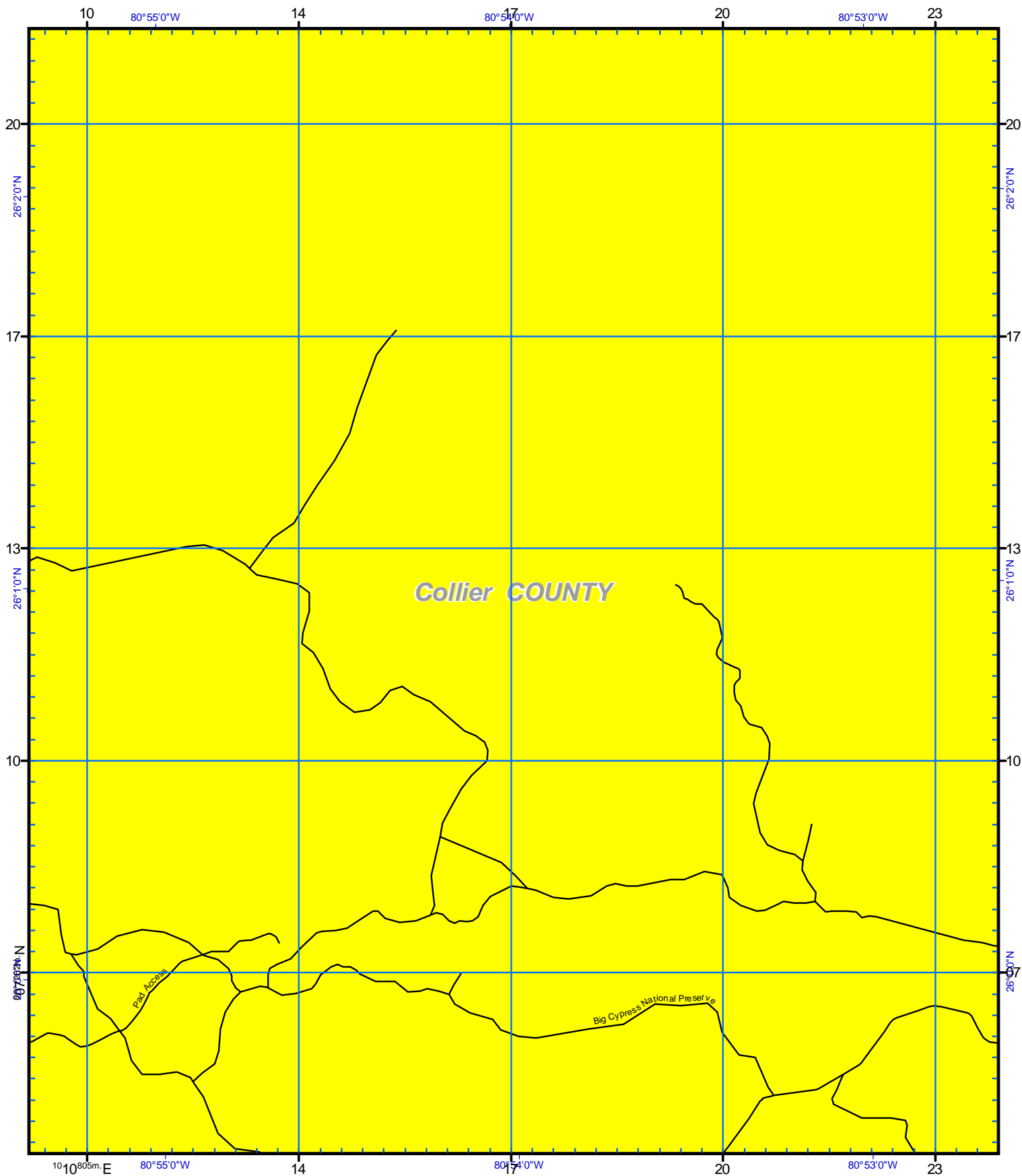
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

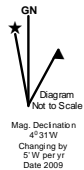
Cat	TS
1	Red
2	Orange
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4	Light Green
5	Purple



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 08 75**

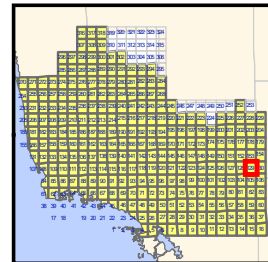
Map Plate **129**

Page 147

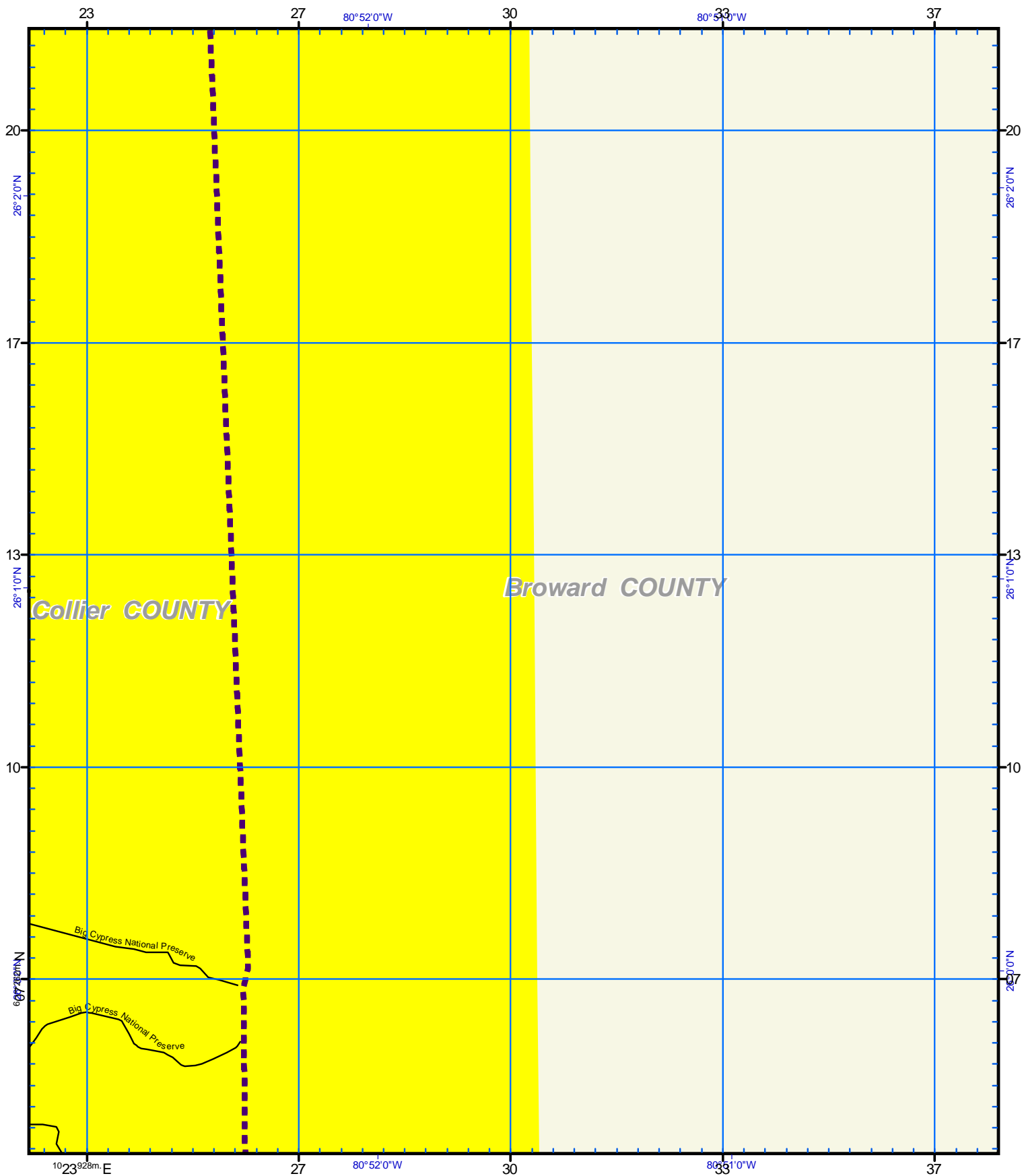
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

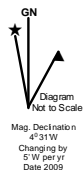
Cat	TS
1	
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4	
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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

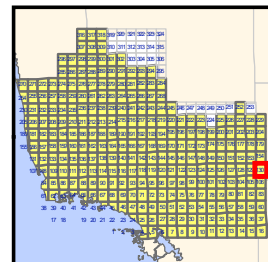
USNG Page 17R NJ 12 75

Map Plate 130

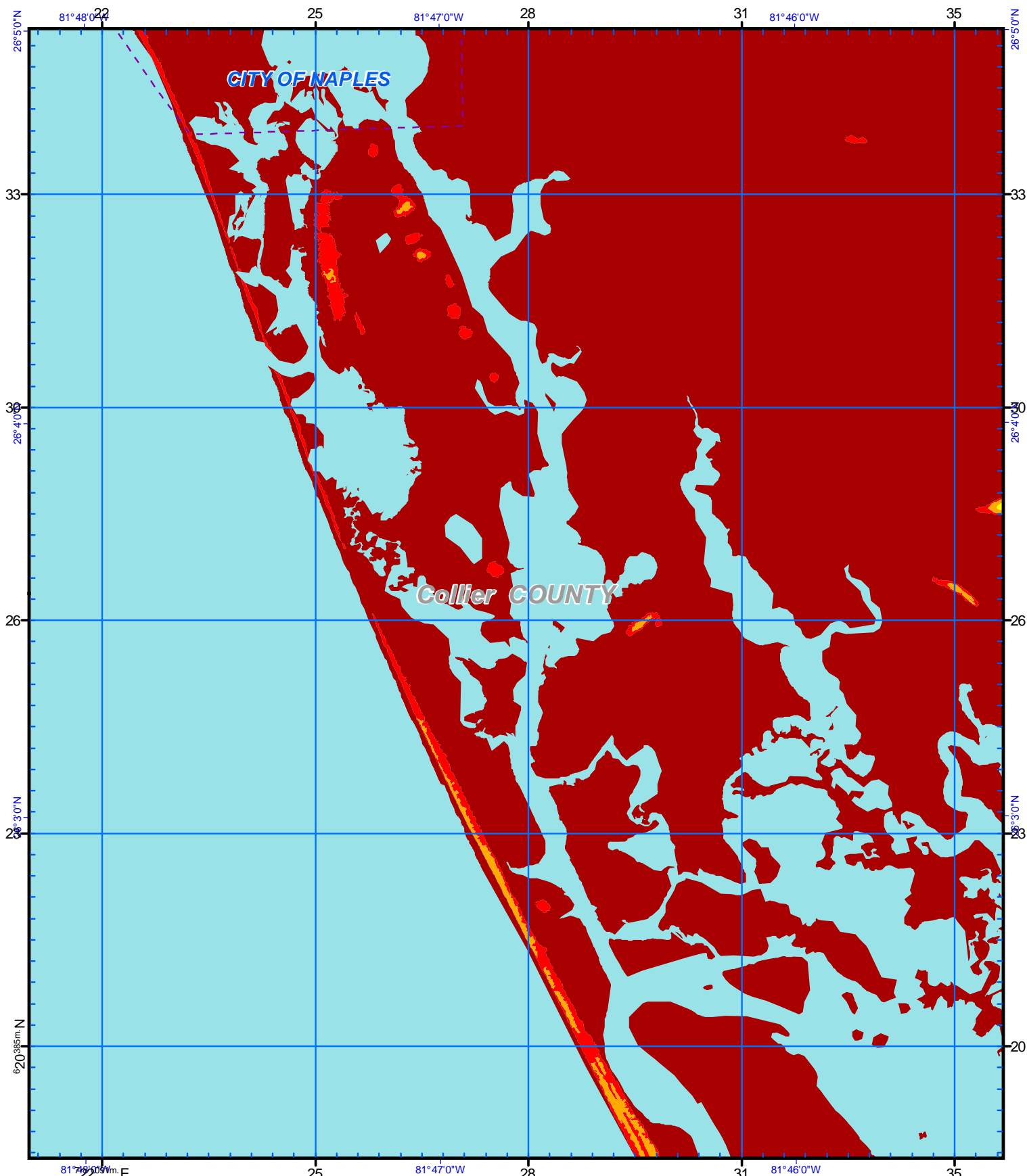
Page 148

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

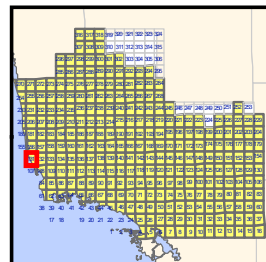
USNG Page **17R MJ 20 80**

Map Plate **131**

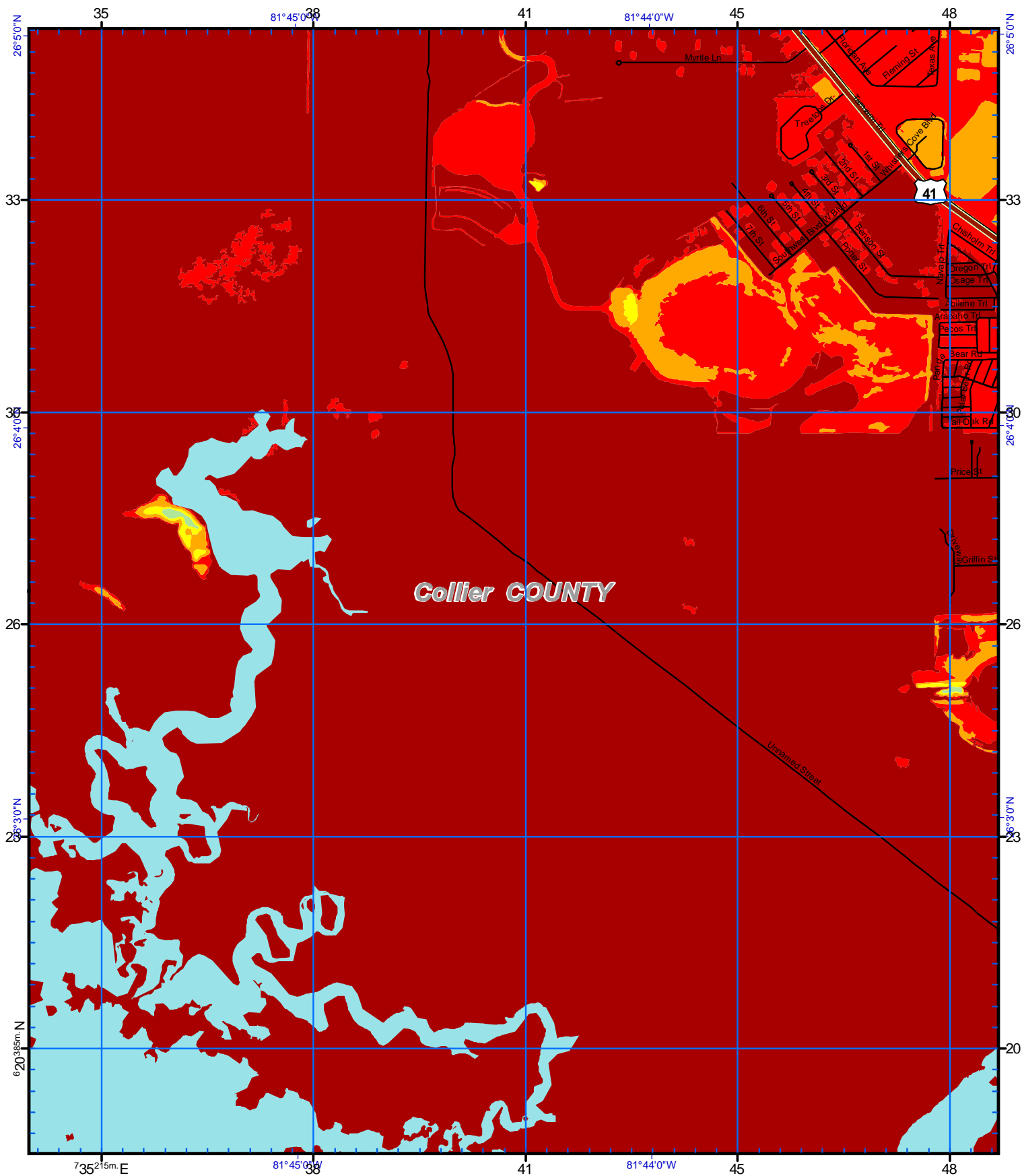
Page 149

Legend

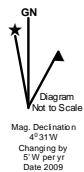
- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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management implementation are local responsibilities.
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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 24 80

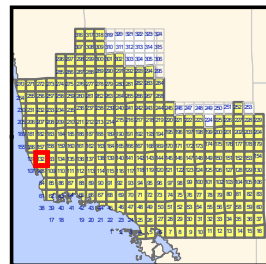
Map Plate 132

Page 150

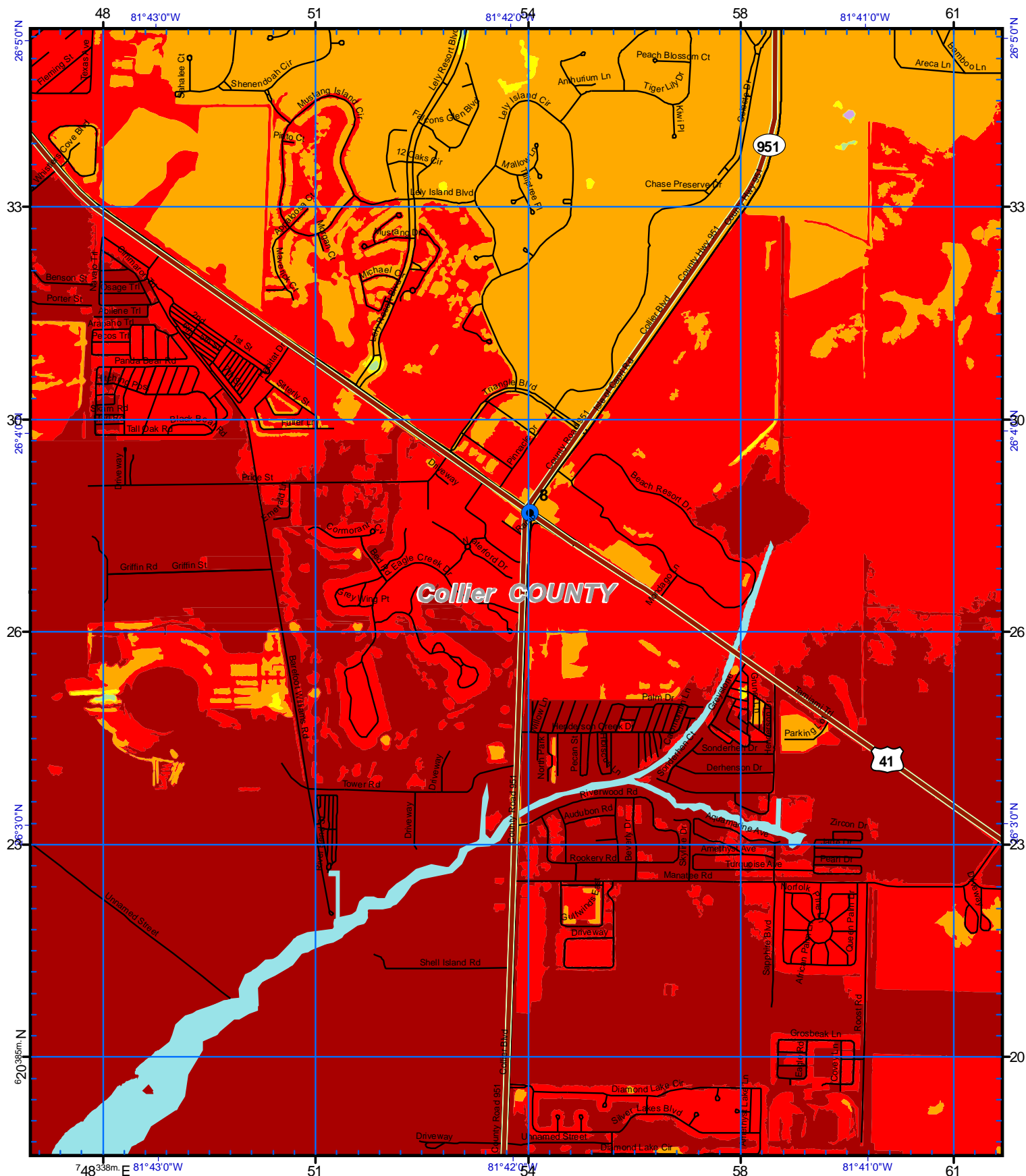
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 28 80

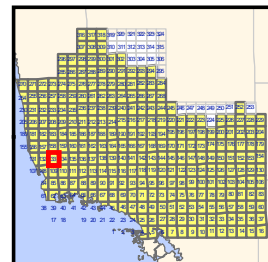
Map Plate 133

Page 151

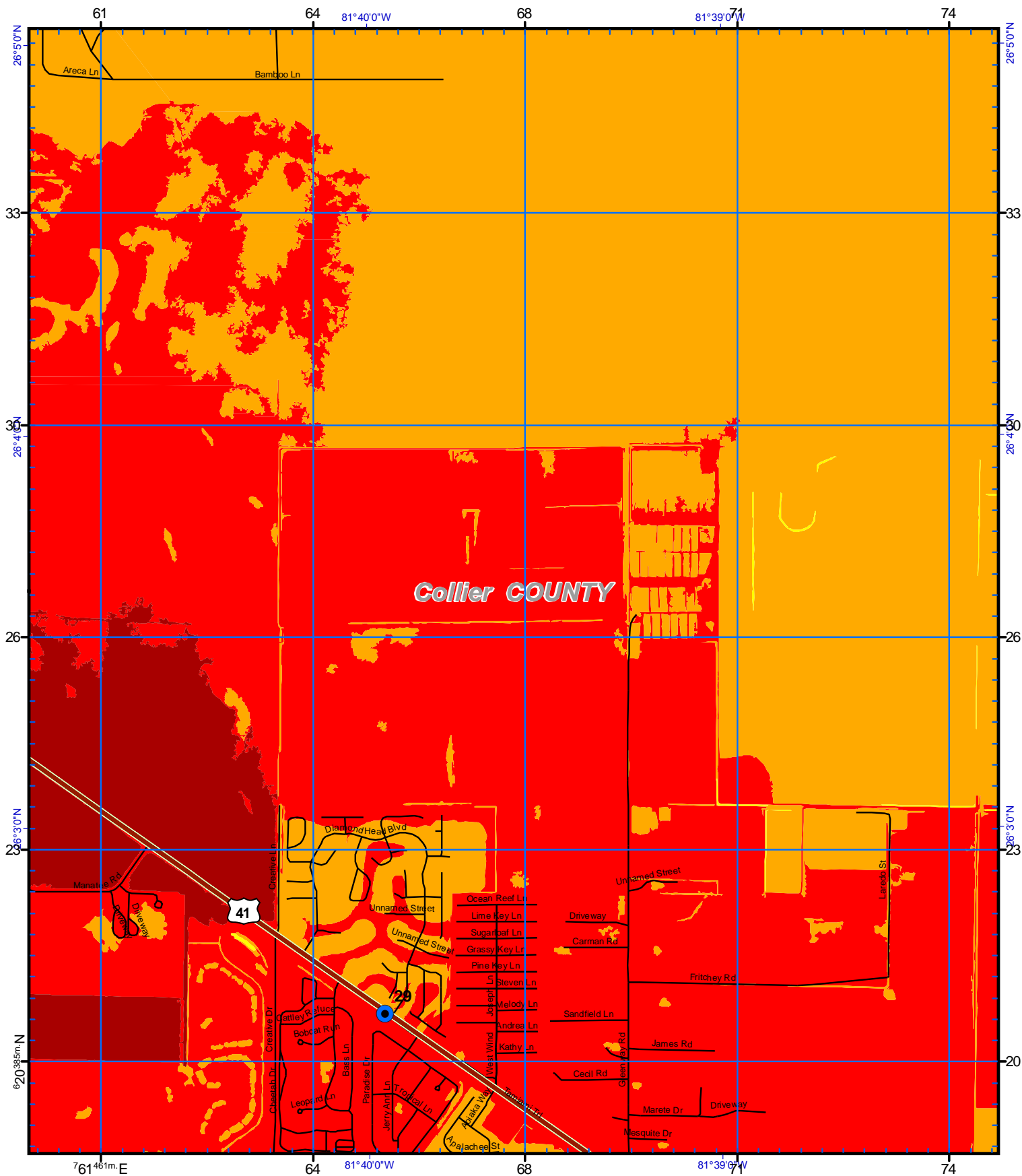
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

- Cat**
- | TS | Color |
|----|--------------|
| 1 | Dark Red |
| 2 | Red |
| 3 | Orange |
| 4 | Yellow |
| 5 | Light Yellow |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

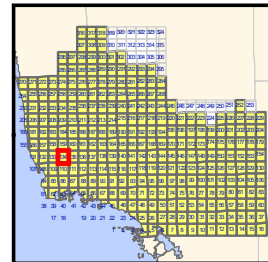
USNG Page **17R MJ 32 80**

Map Plate **134**

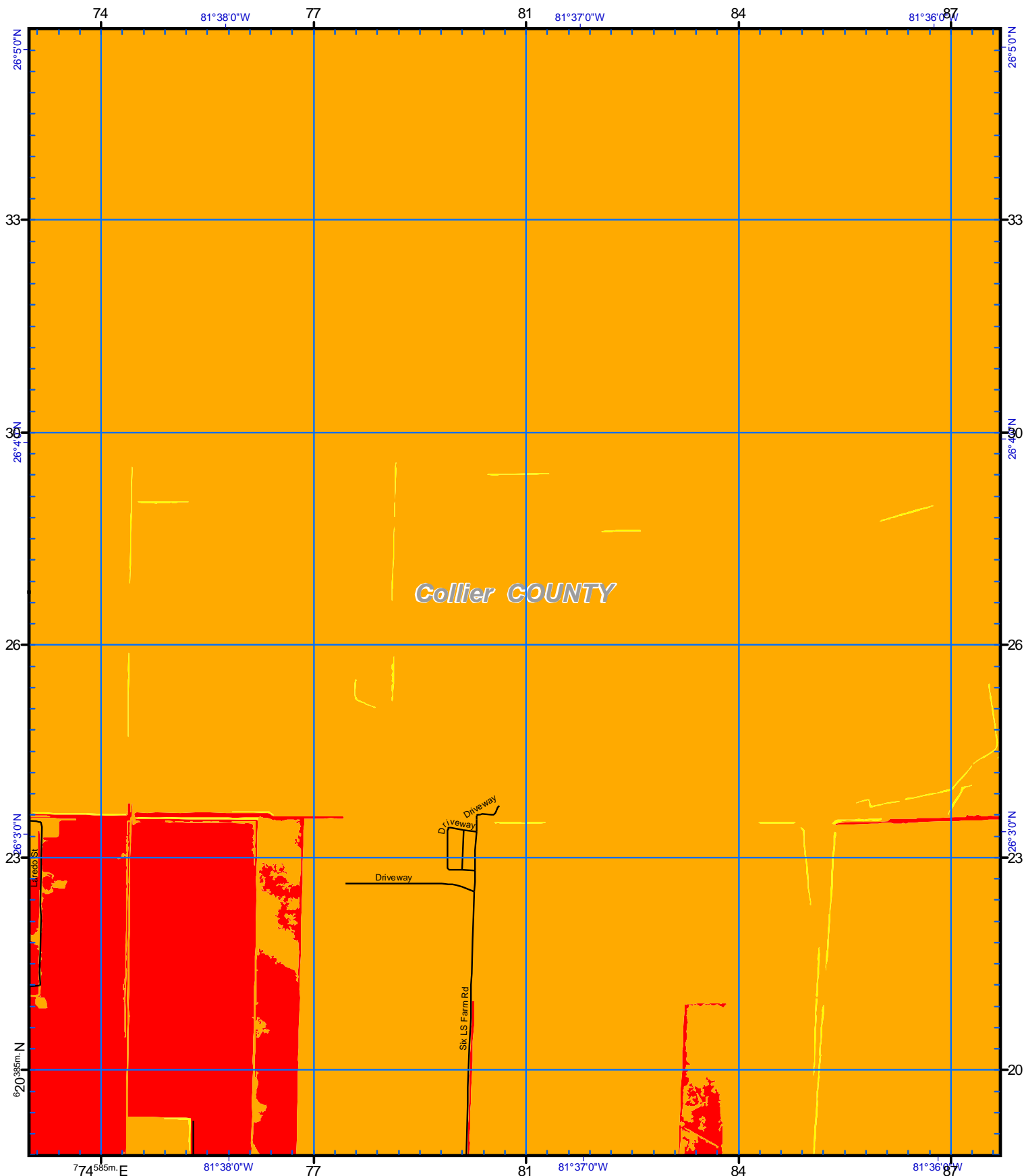
Page 152

Legend

	Ref Point	Cat
	HOSPITAL	TS
	City Limits	1
	Evac Route	2
	WATER	3
		4
		5



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 36 80**

Map Plate **135**

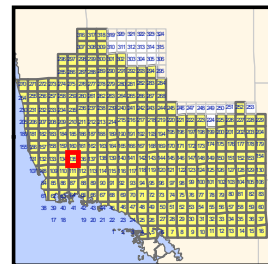
Page 153

Legend

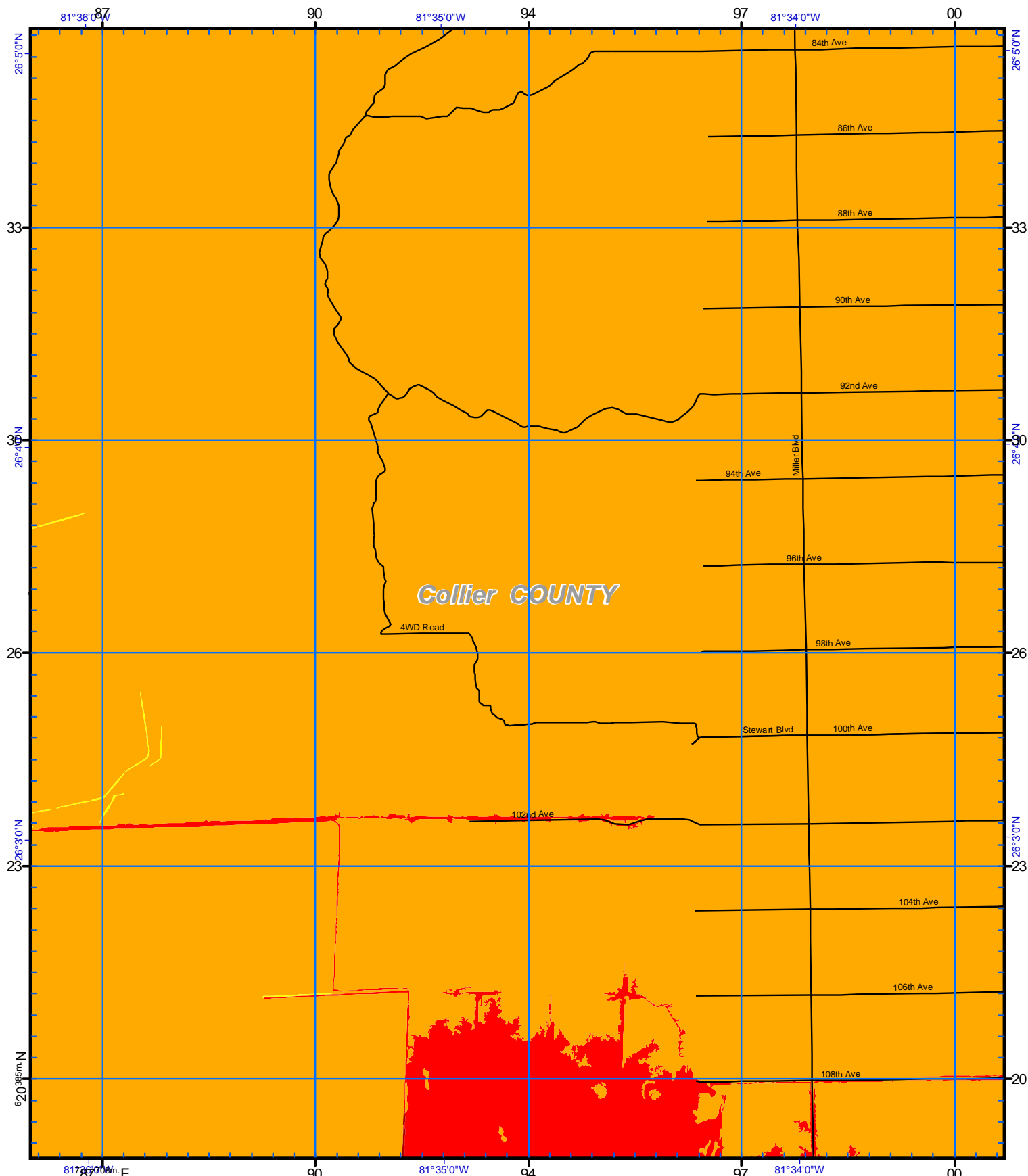
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

TS	Color
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Mag. Declination
4°31'W
Changing by
5'W per yr
Date 2009

Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 40 80

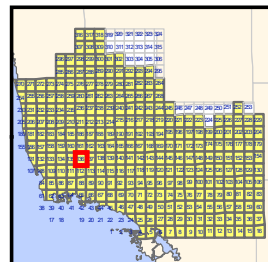
Map Plate 136

Page 154

Legend

● Ref Point
H HOSPITAL
City Limits
Evac Route
WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 44 80**

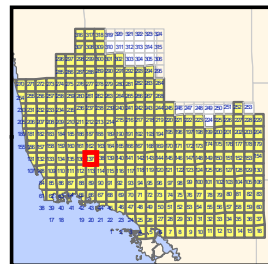
Map Plate **137**

Page 155

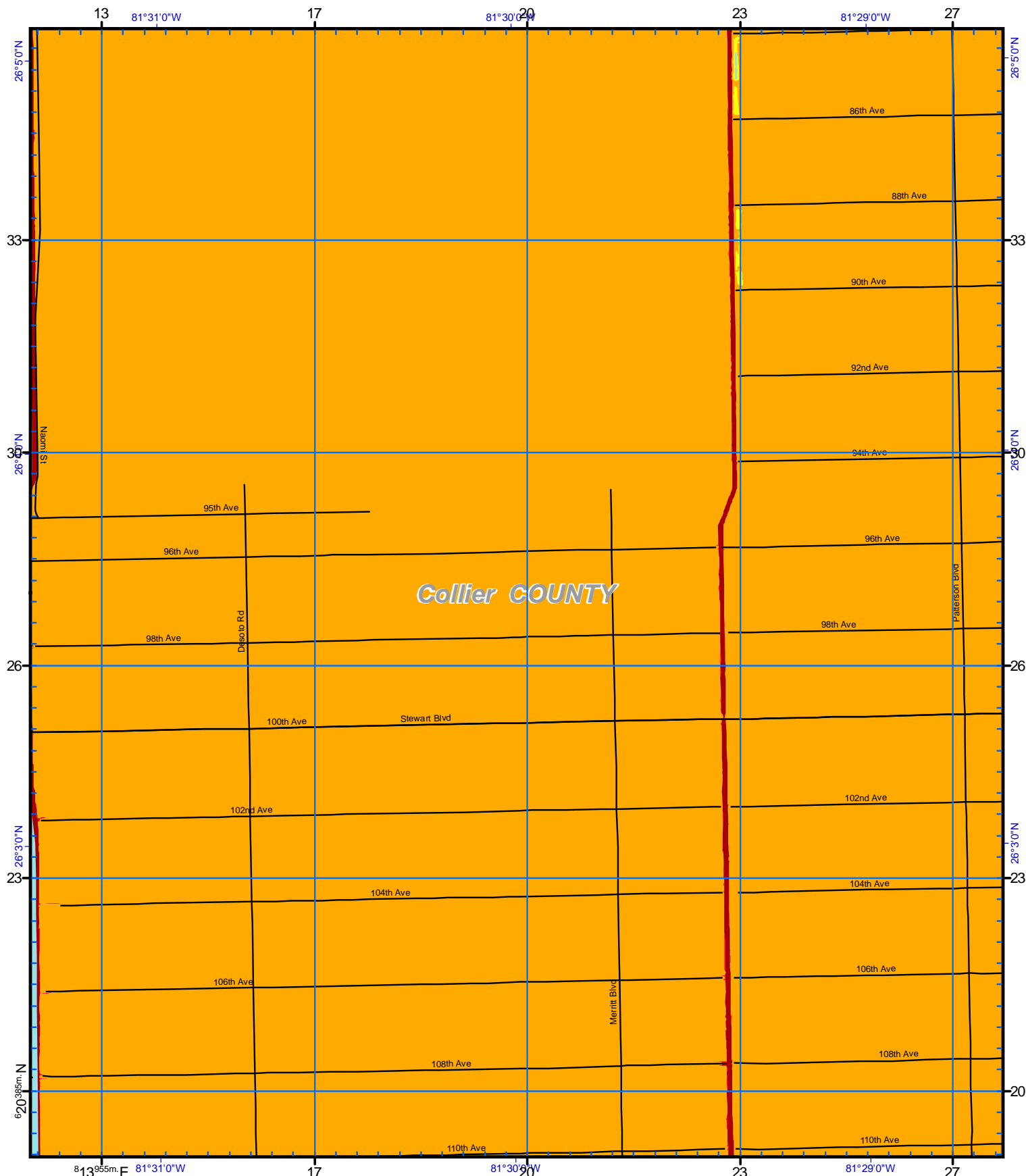
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
TS
1 1
2 2
3 3
4 4
5 5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 48 80**

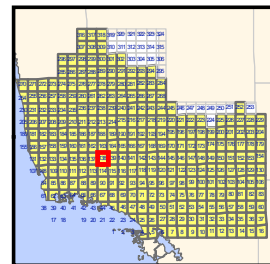
Map Plate **138**

Page 156

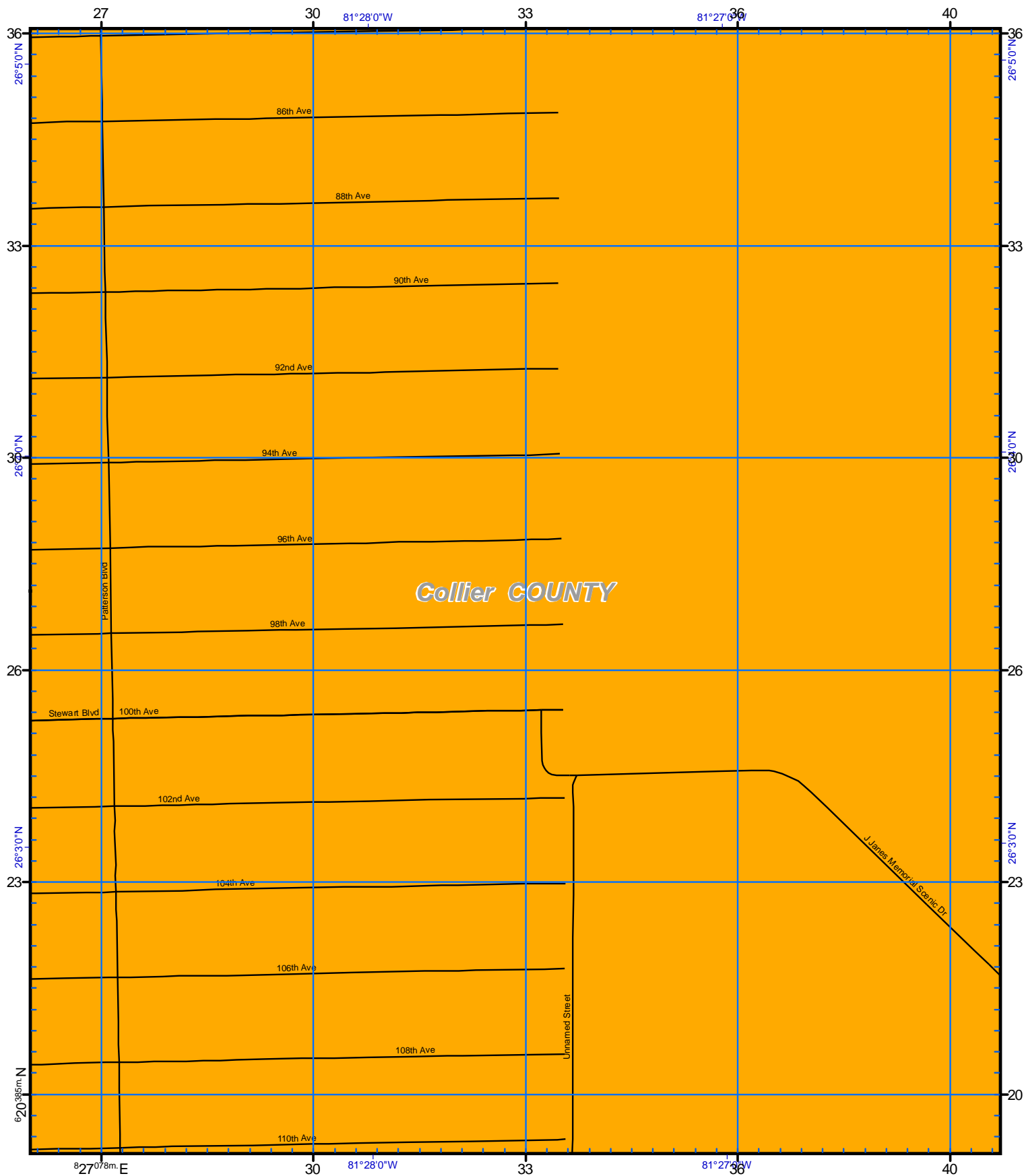
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 52 80**

Map Plate **139**

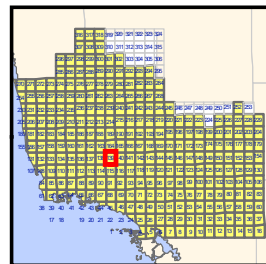
Page 157

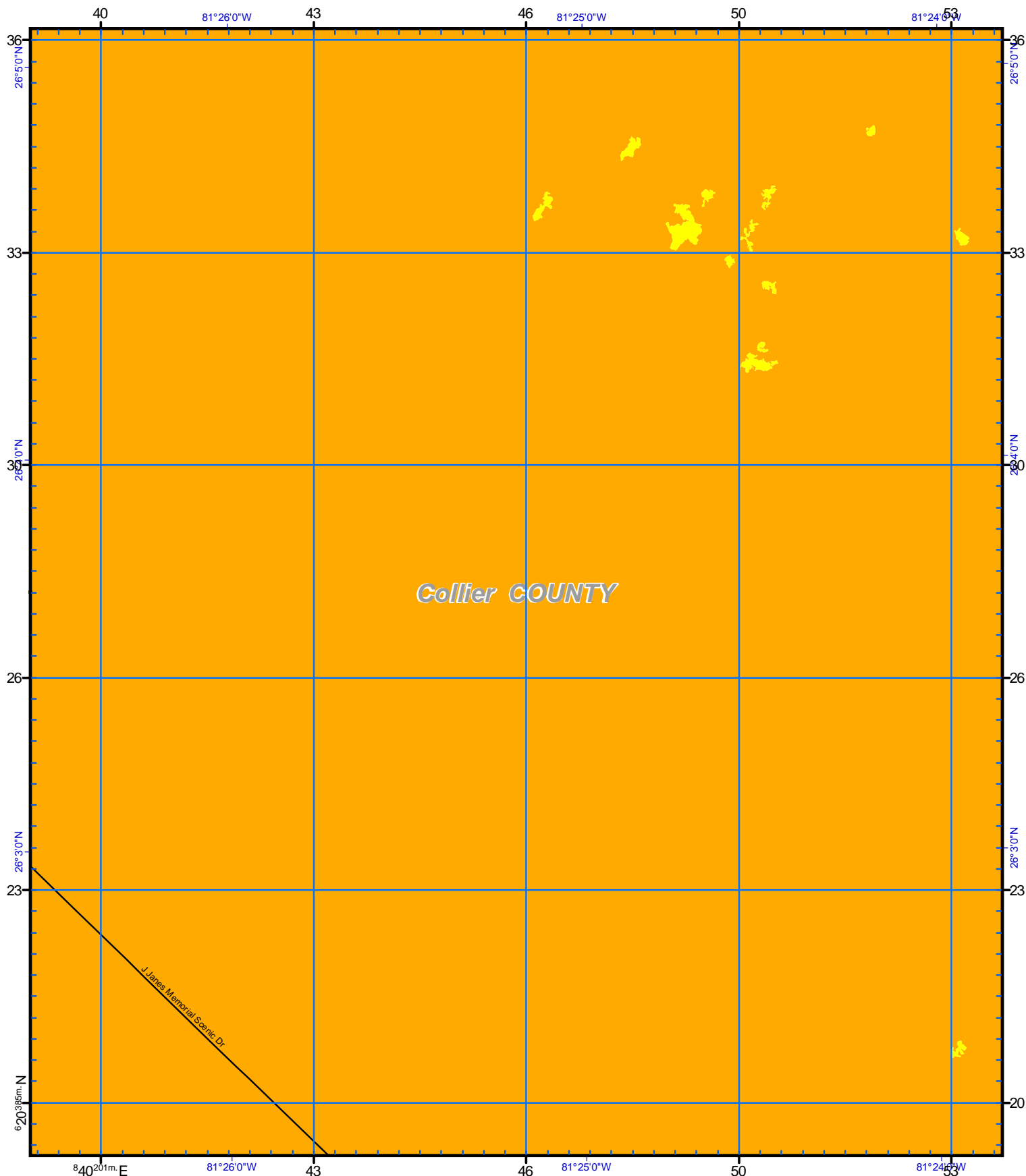
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	

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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 56 80**

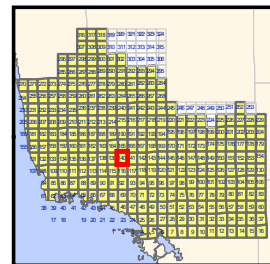
Map Plate **140**

Page 158

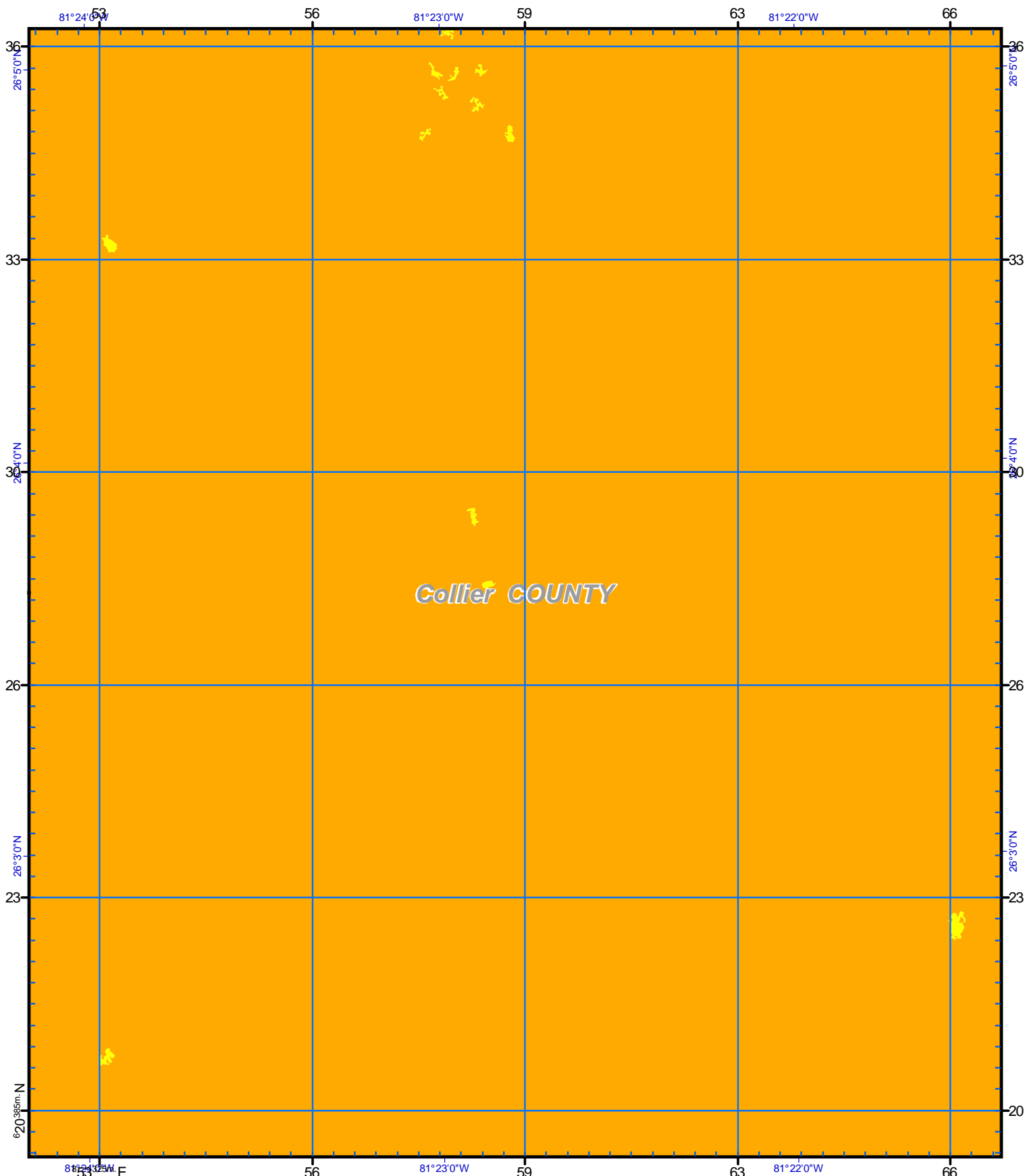
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 60 80

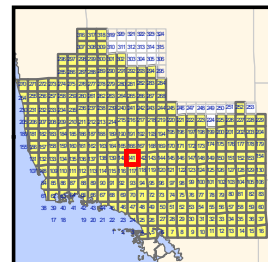
Map Plate 141

Page 159

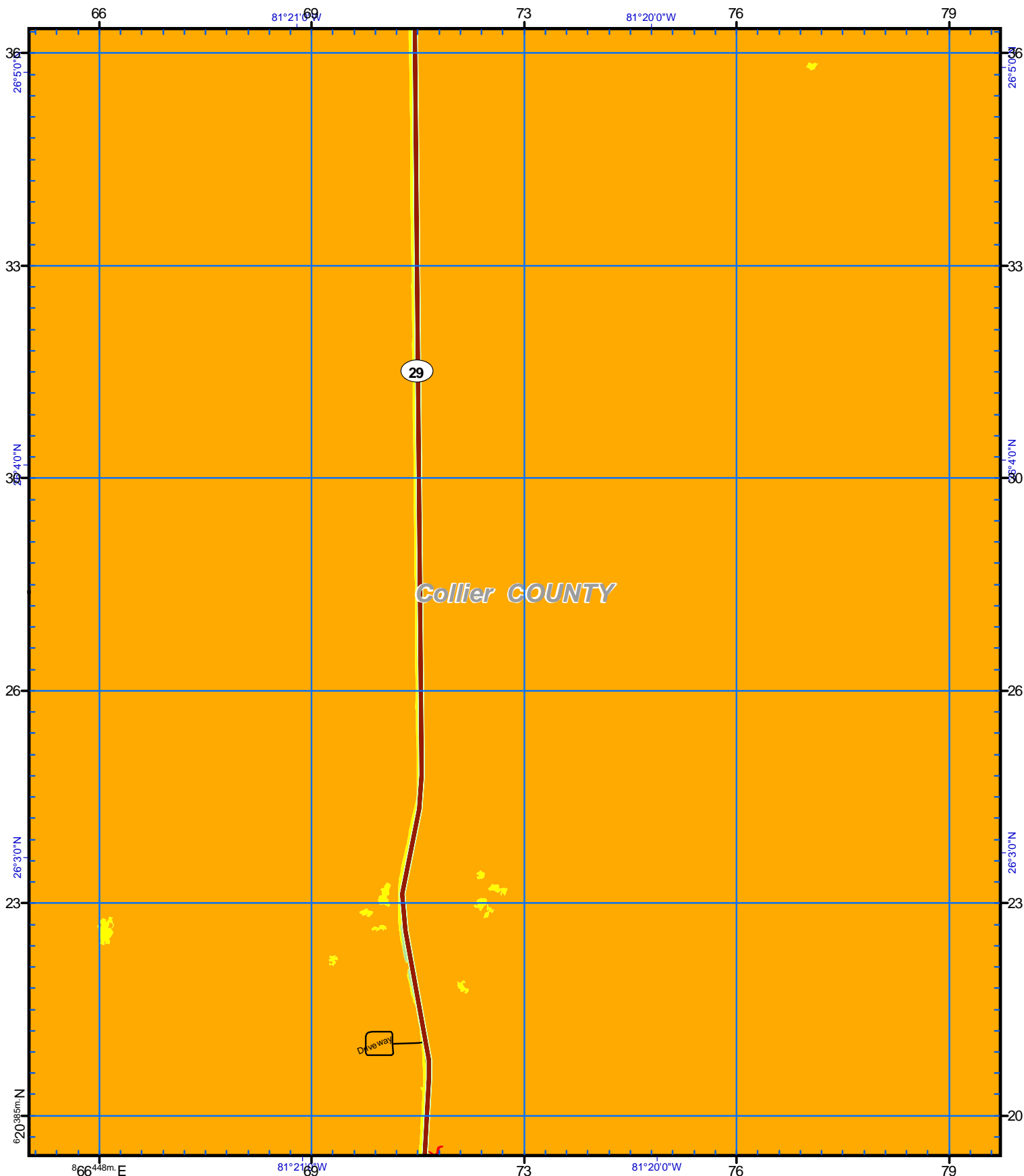
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 64 80**

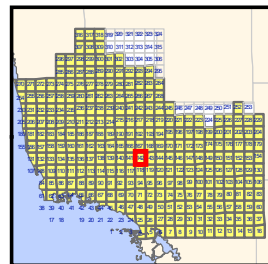
Map Plate **142**

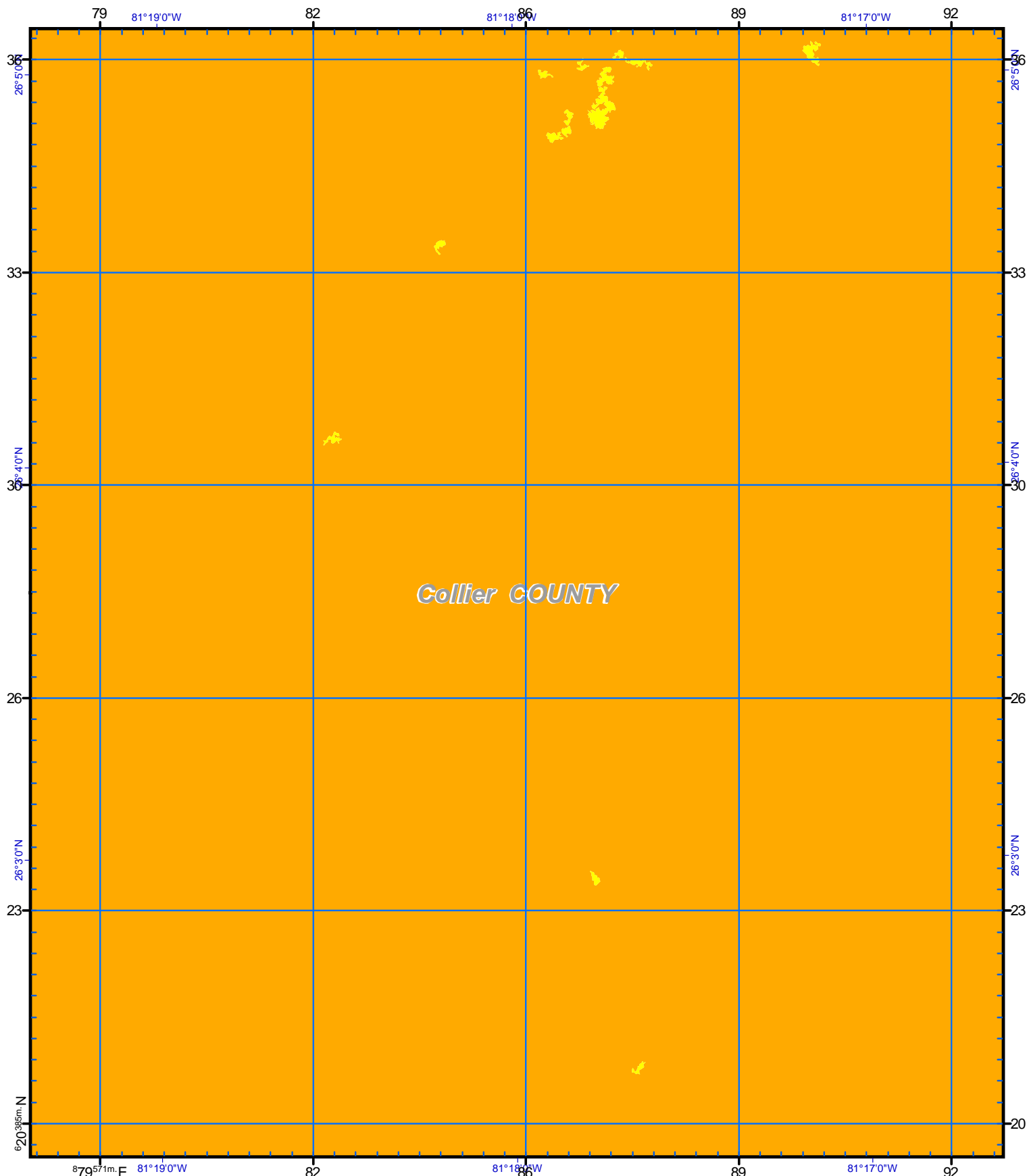
Page 160

Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



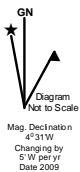


US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 68 80**

Map Plate **143**

Page 161

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

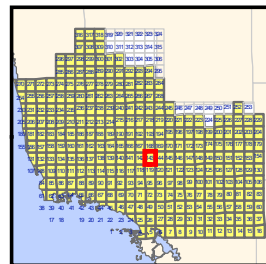
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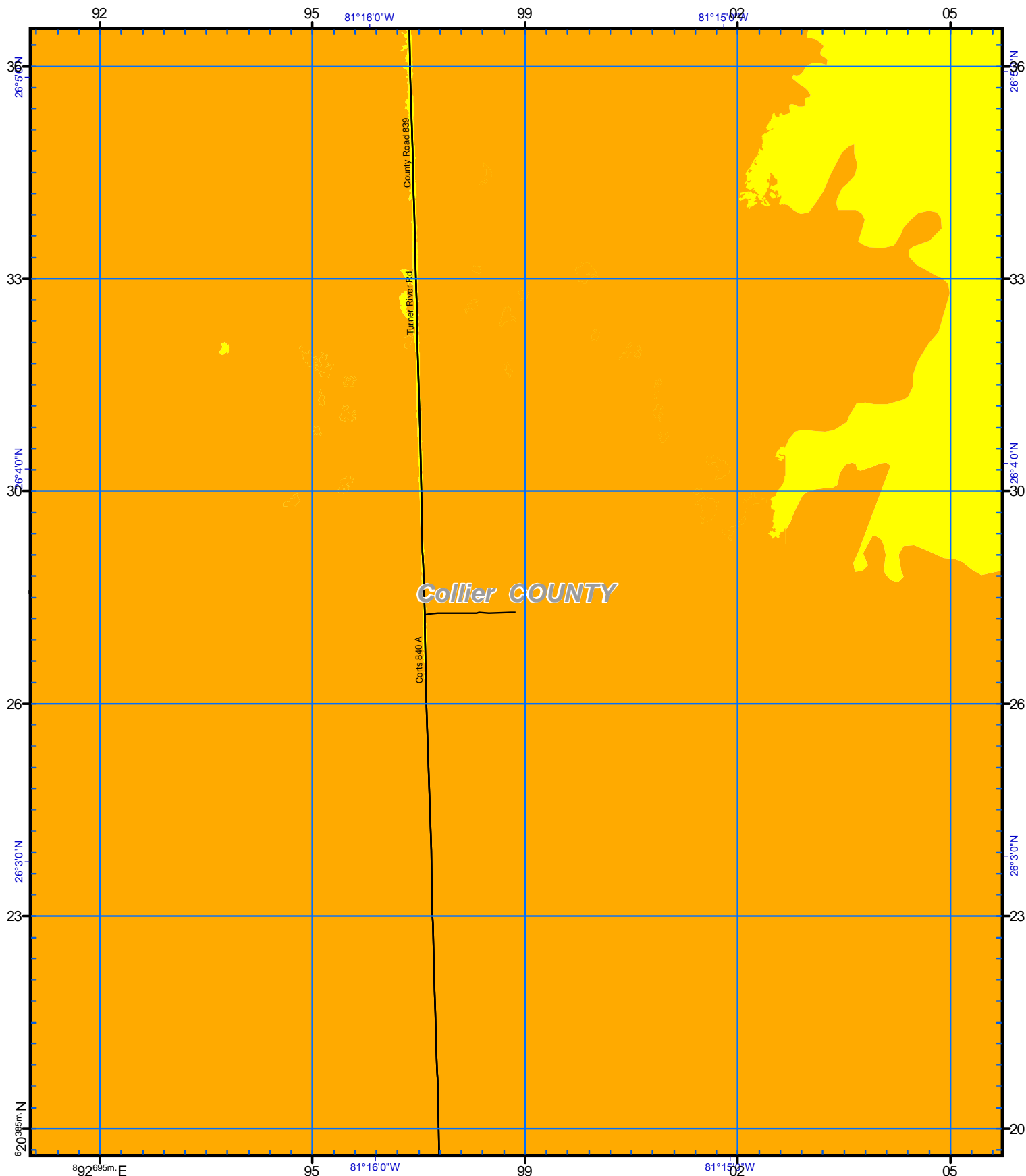
2

3

4

5





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 72 80

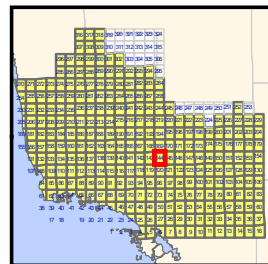
Map Plate 144

Page 162

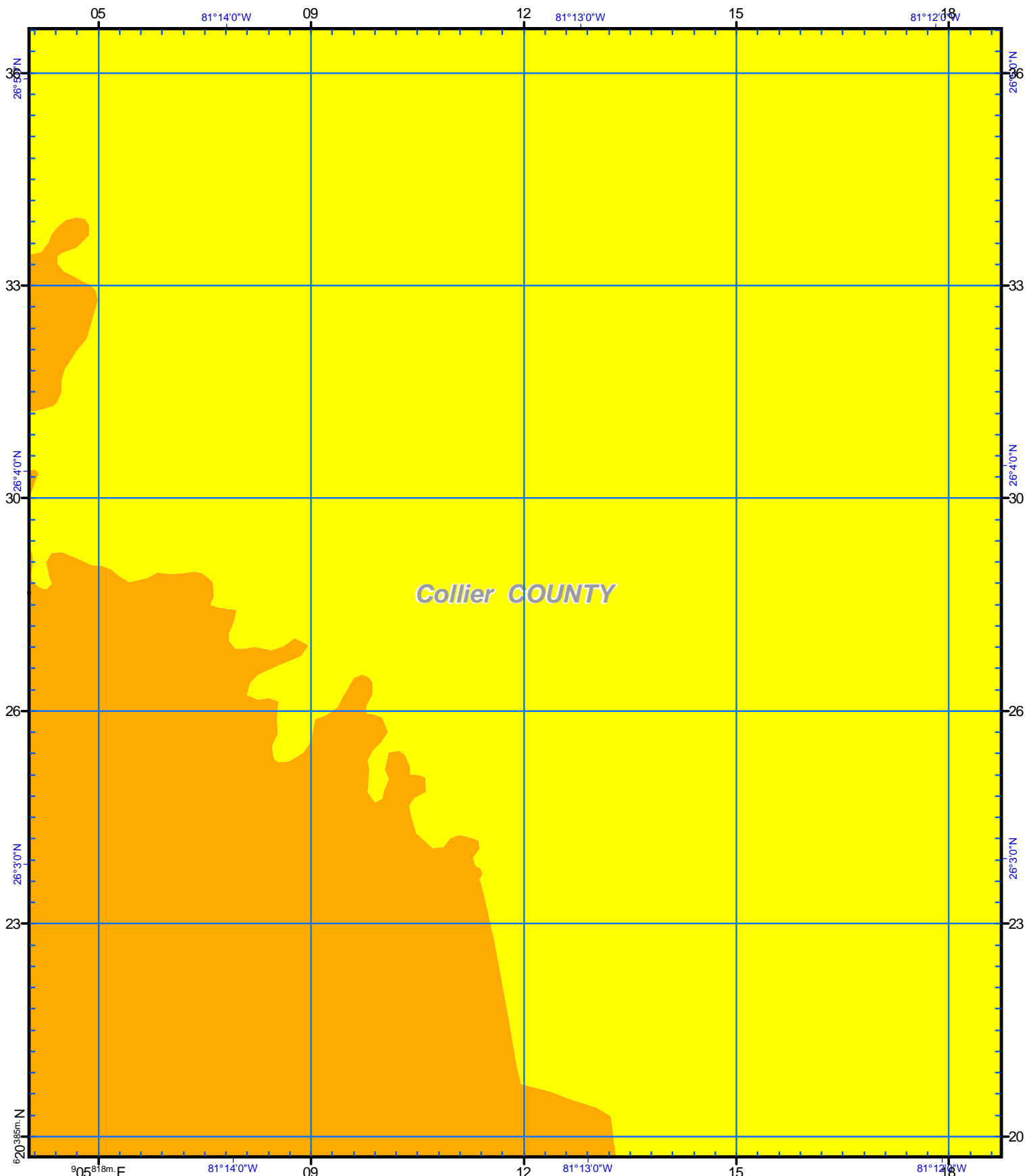
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 76 80

Map Plate 145

Page 163

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

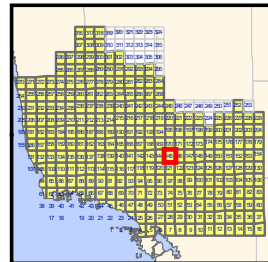
1

2

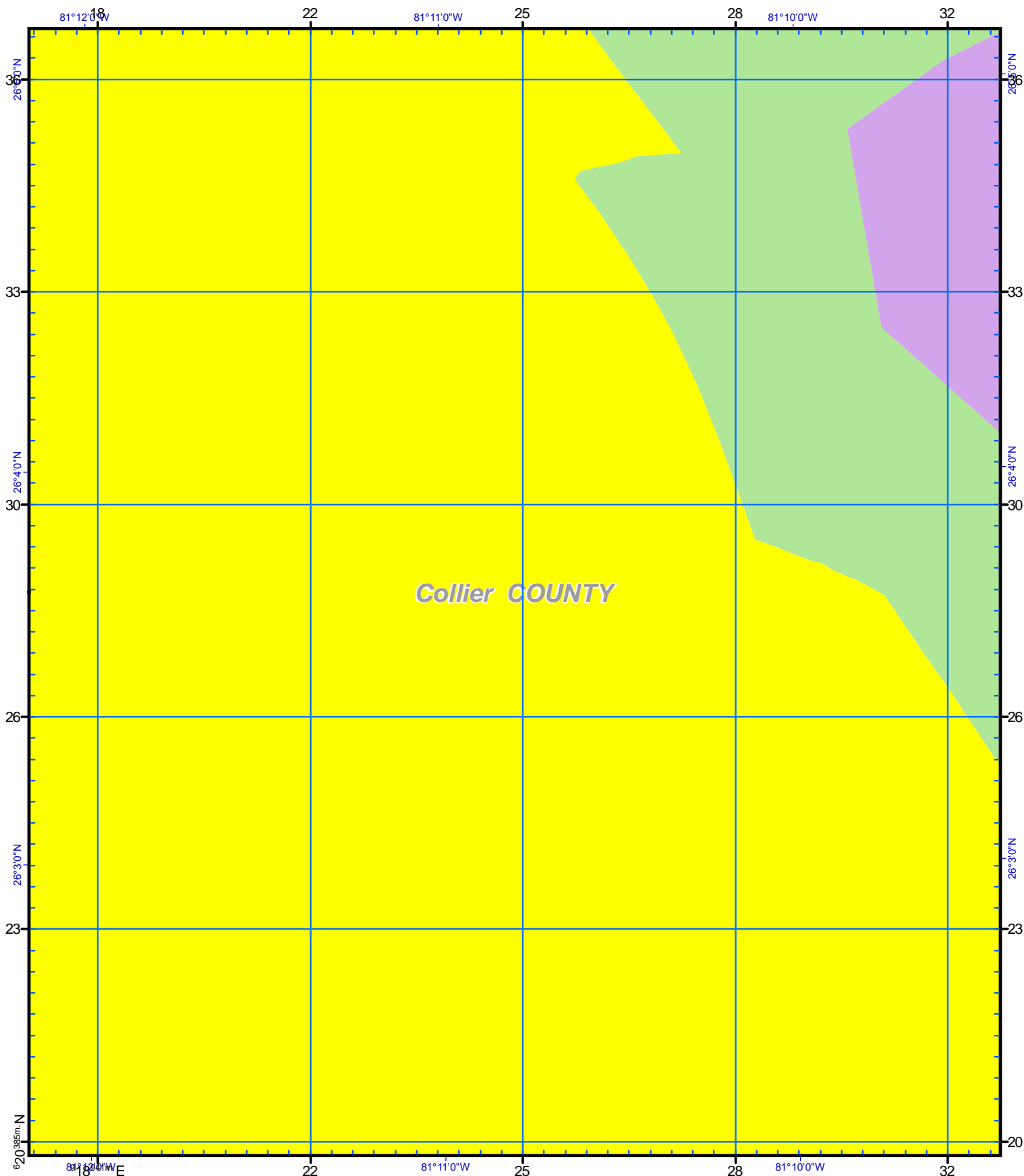
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 80 80**

Map Plate **146**

Page 164

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

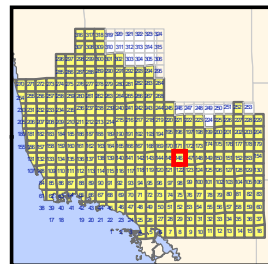
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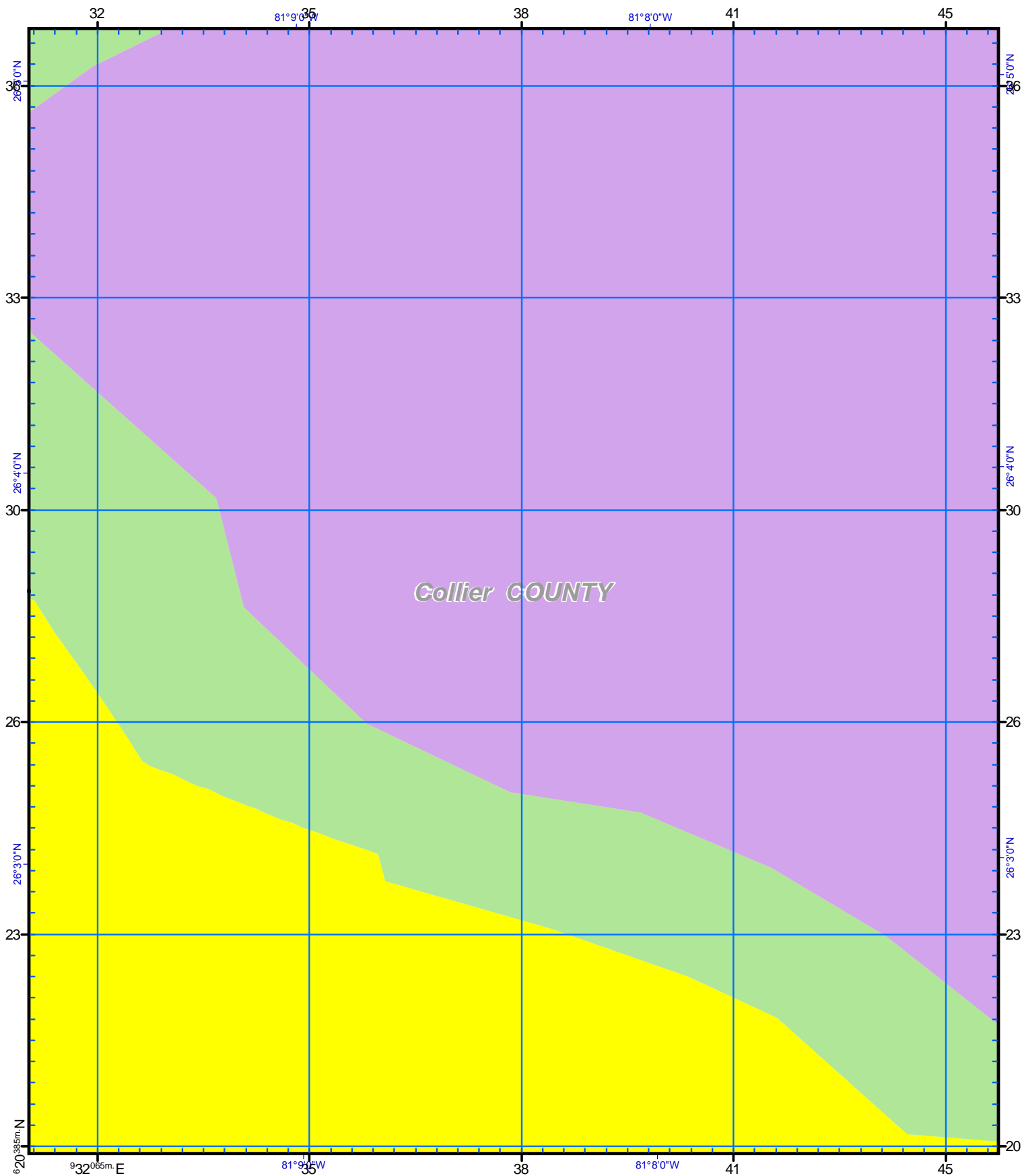
2

3

4

5





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 84 80**

Map Plate **147**

Page 165

Legend

● Ref Point

⌘ HOSPITAL

⬮ City Limits

— Evac Route

■ WATER

Cat

TS

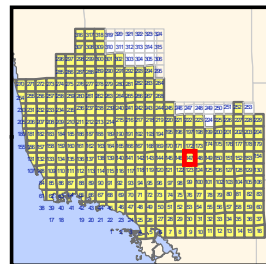
1

2

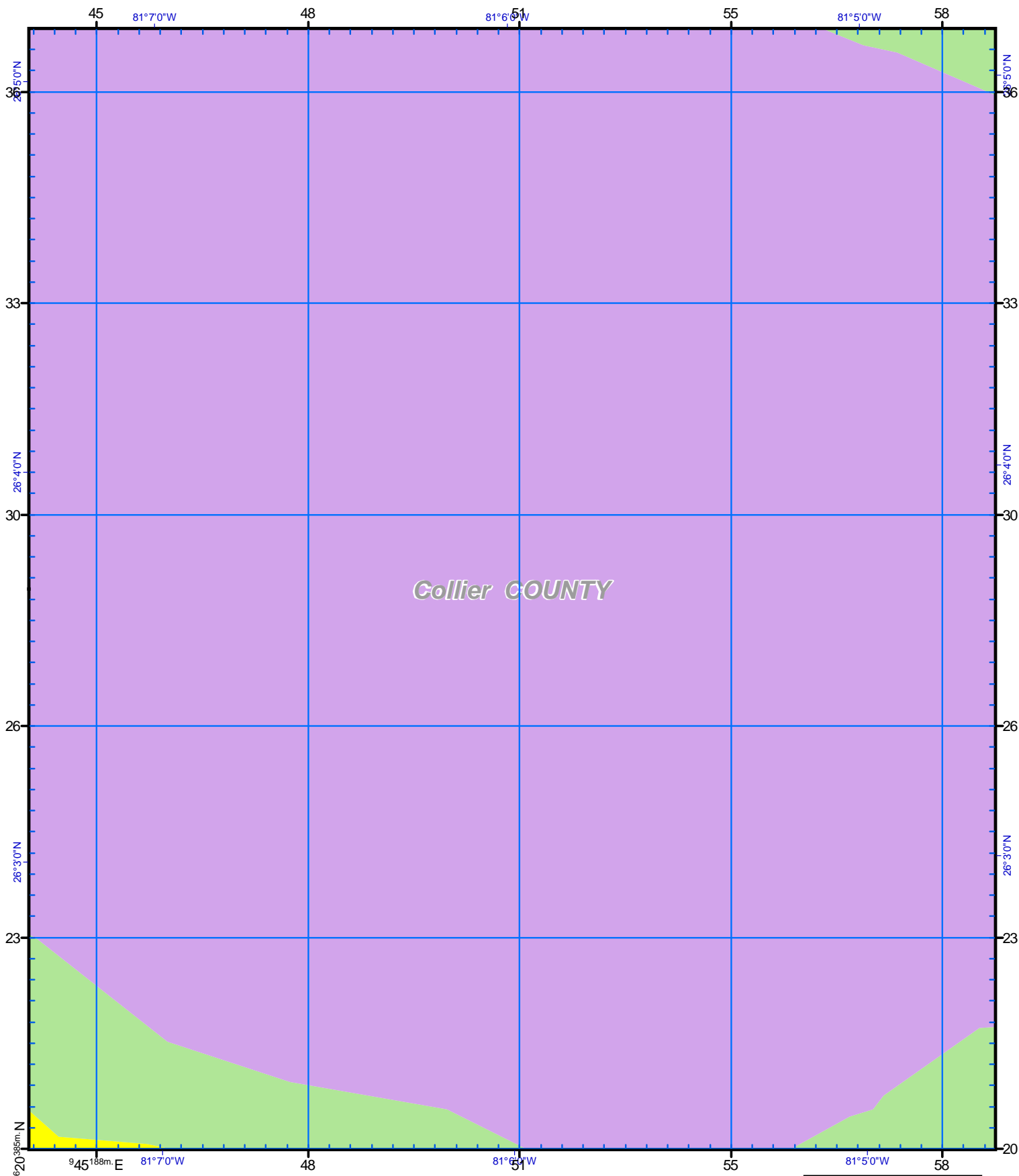
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Map Declination
4°31'W
Changing by
5" W per yr
Date 2009

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

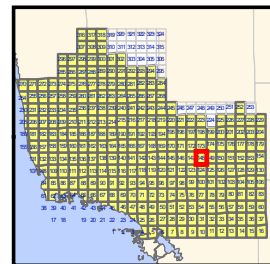
USNG Page **17R MJ 88 80**

Map Plate **148**

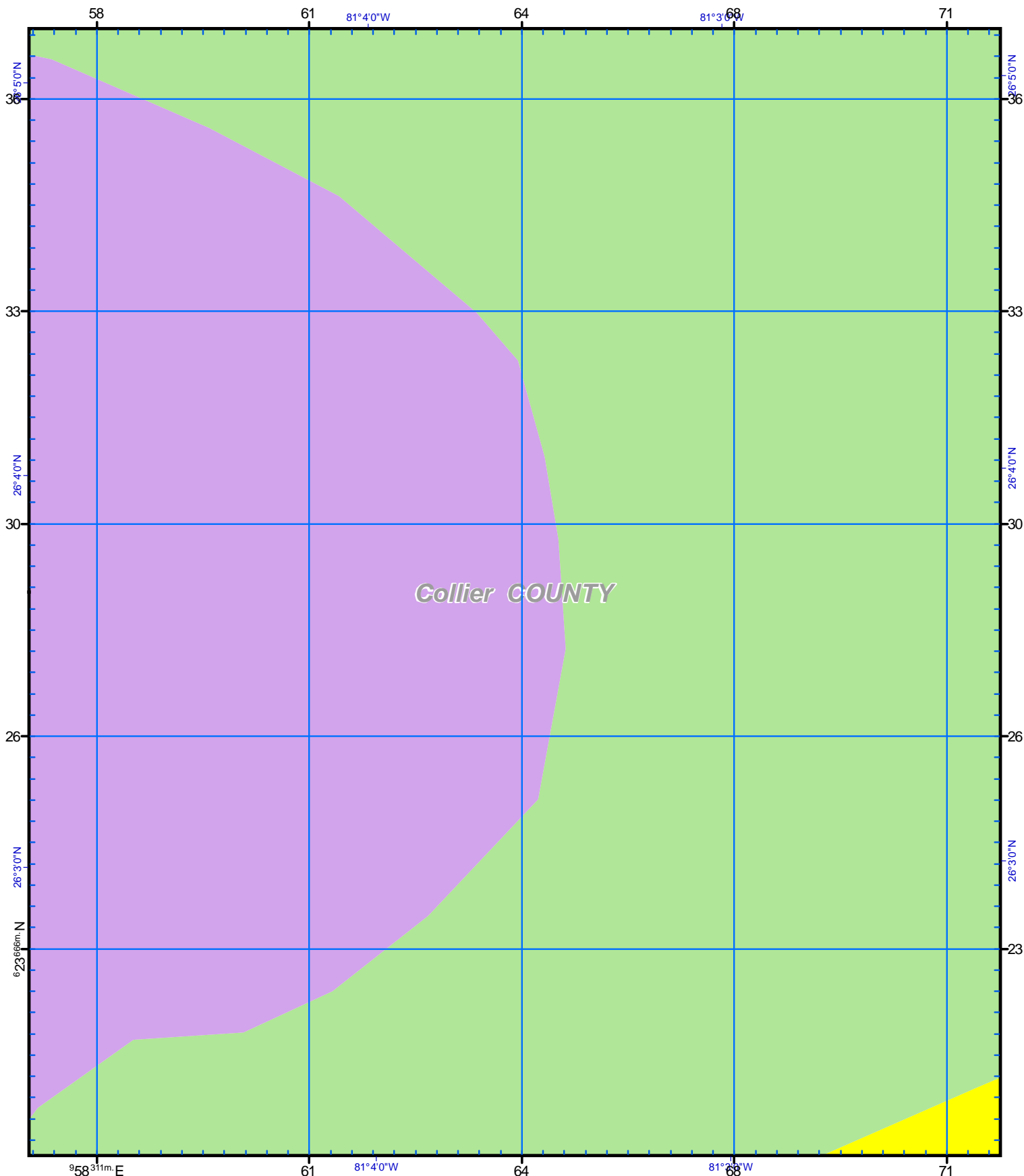
Page 166

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
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MJ
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17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

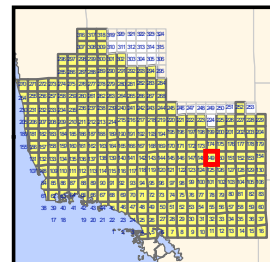
USNG Page **17R MJ 92 80**

Map Plate **149**

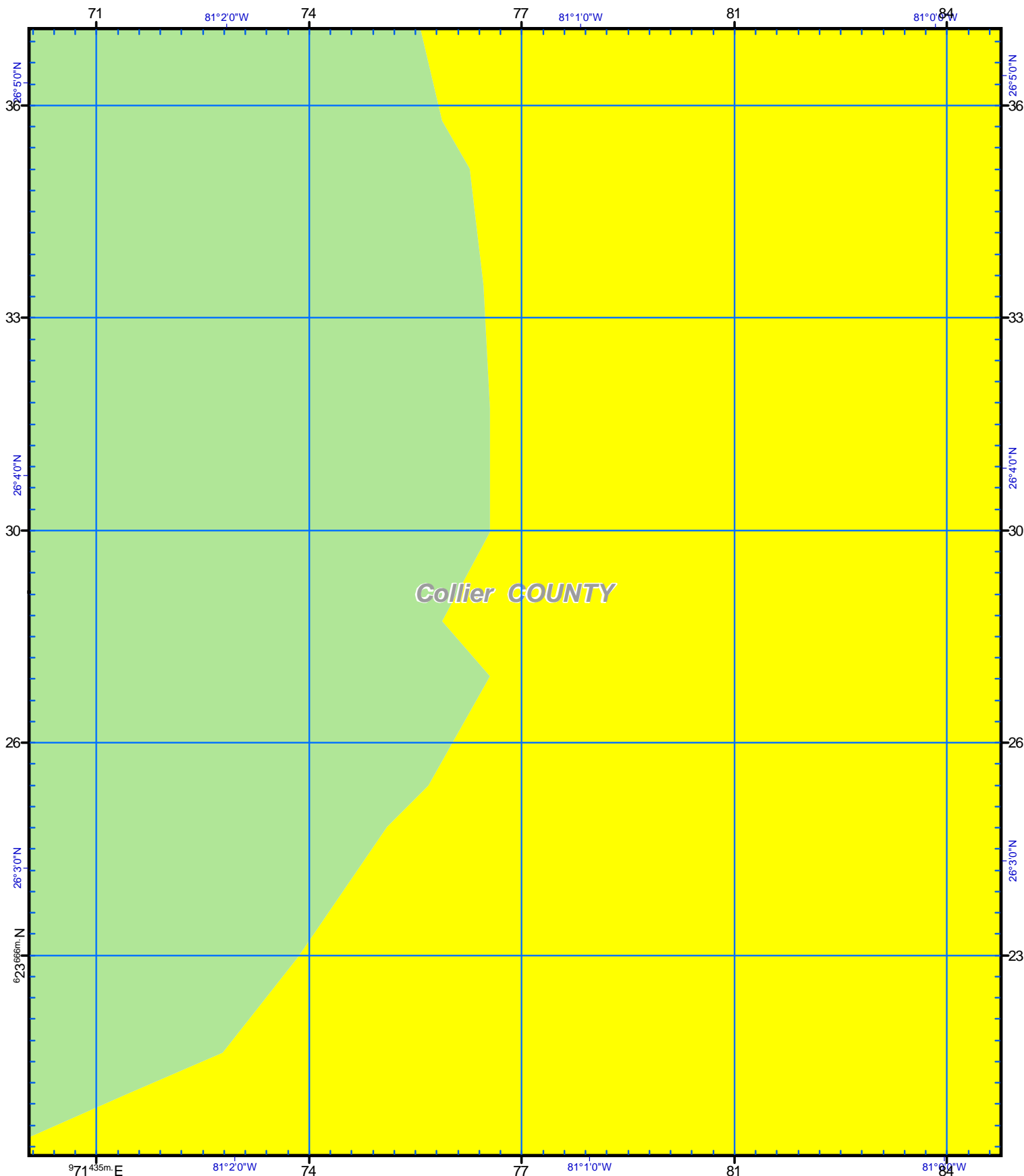
Page 167

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
□	WATER	3	
		4	
		5	



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management implementation are local responsibilities.
Please consult with local authorities.



US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

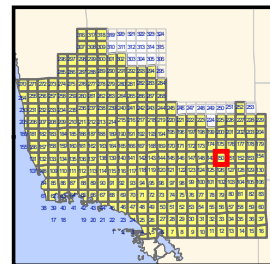
USNG Page 17R MJ 96 80

Map Plate 150

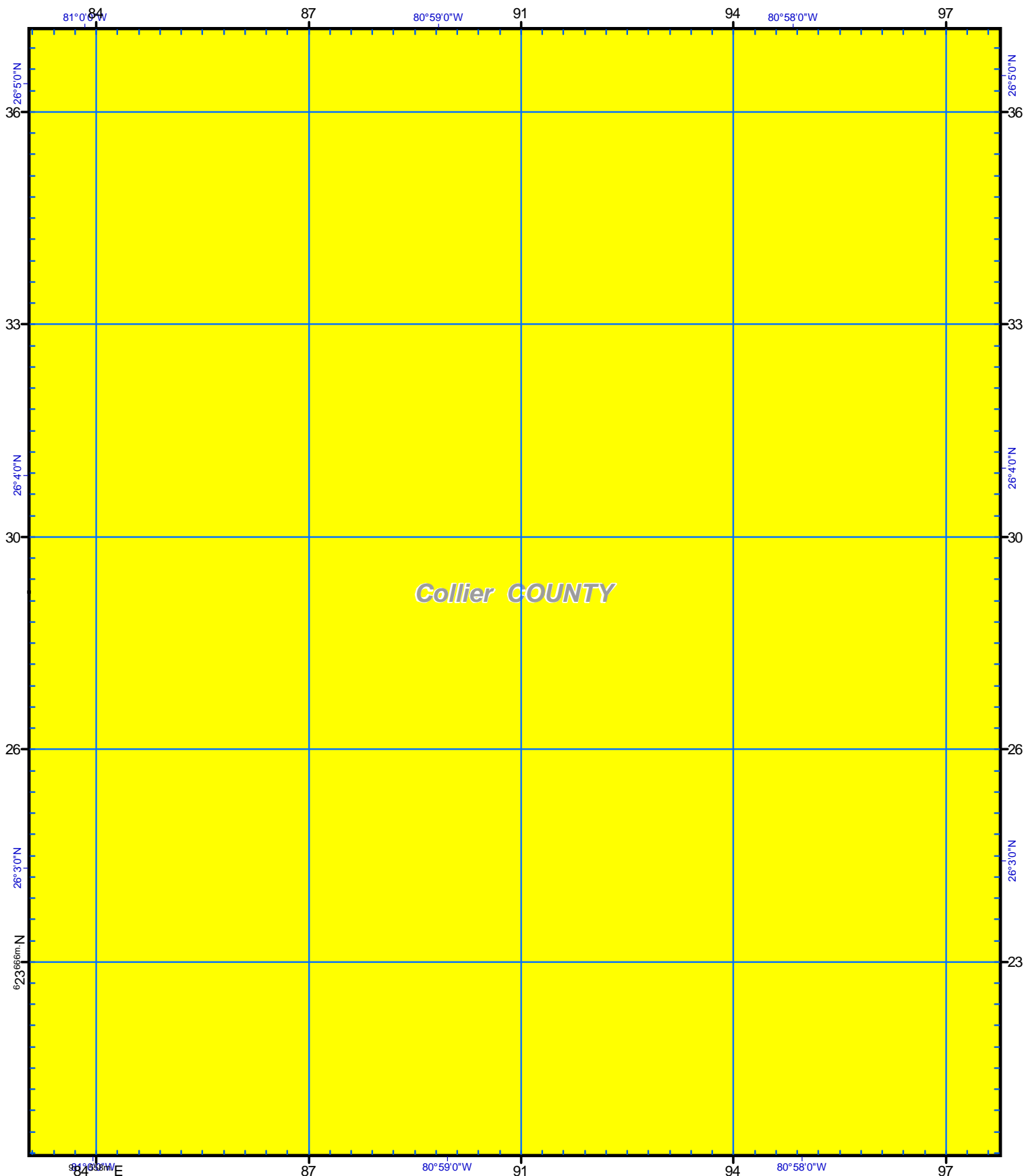
Page 168

Legend

●	Ref Point	Cat
H	HOSPITAL	TS
□	City Limits	1
—	Evac Route	2
■	WATER	3
		4
		5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 00 80

Map Plate 151

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Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

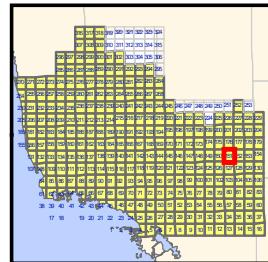
1

2

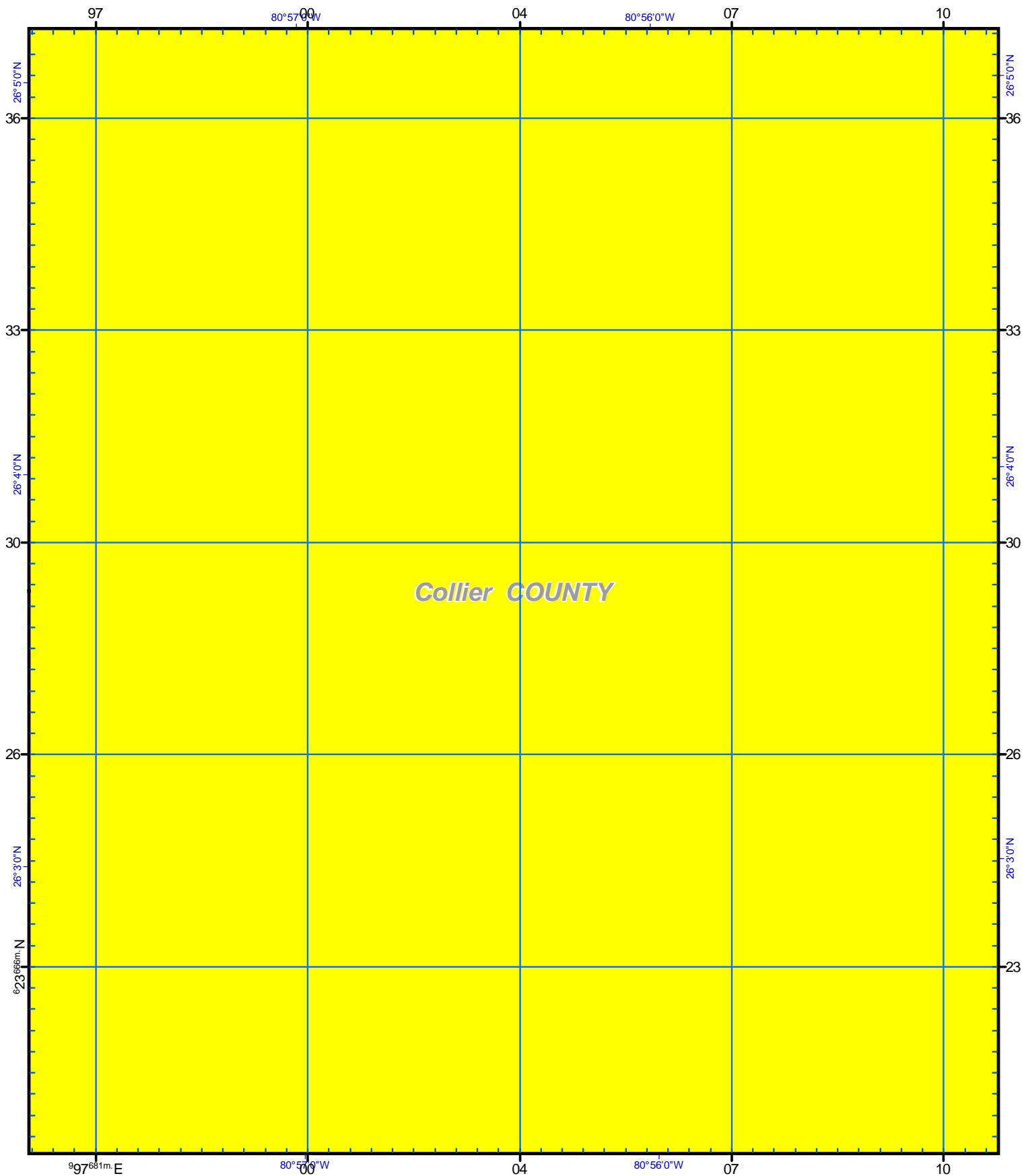
3

4

5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

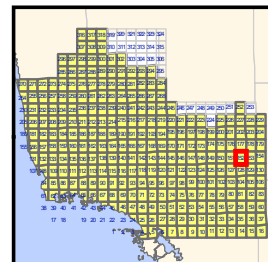
USNG Page **17R NJ 04 80**

Map Plate **152**

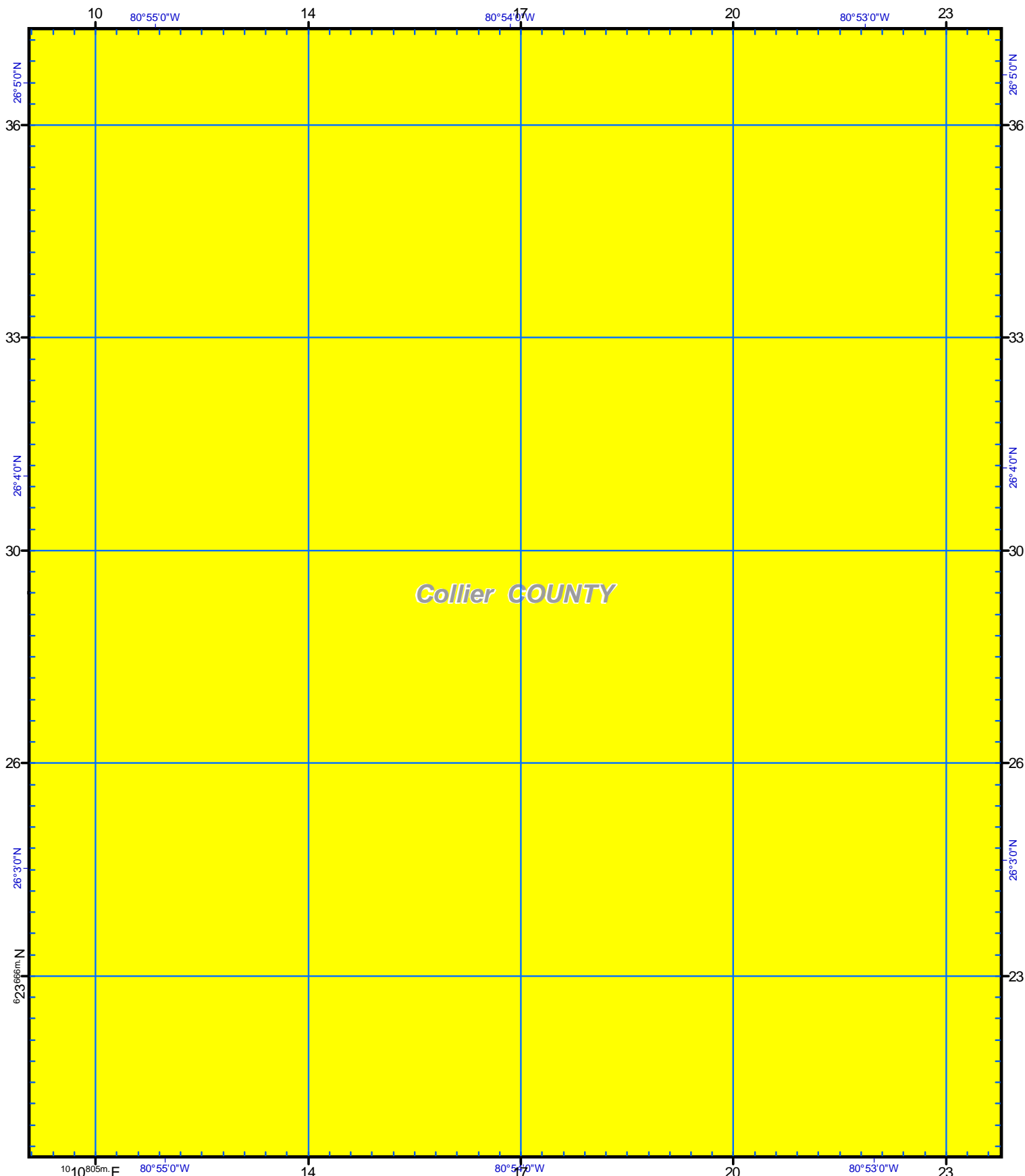
Page 170

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 08 80

Map Plate 153

Page 171

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

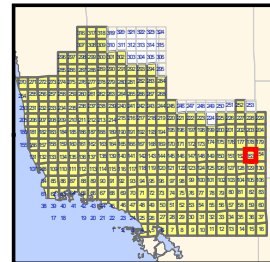
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2

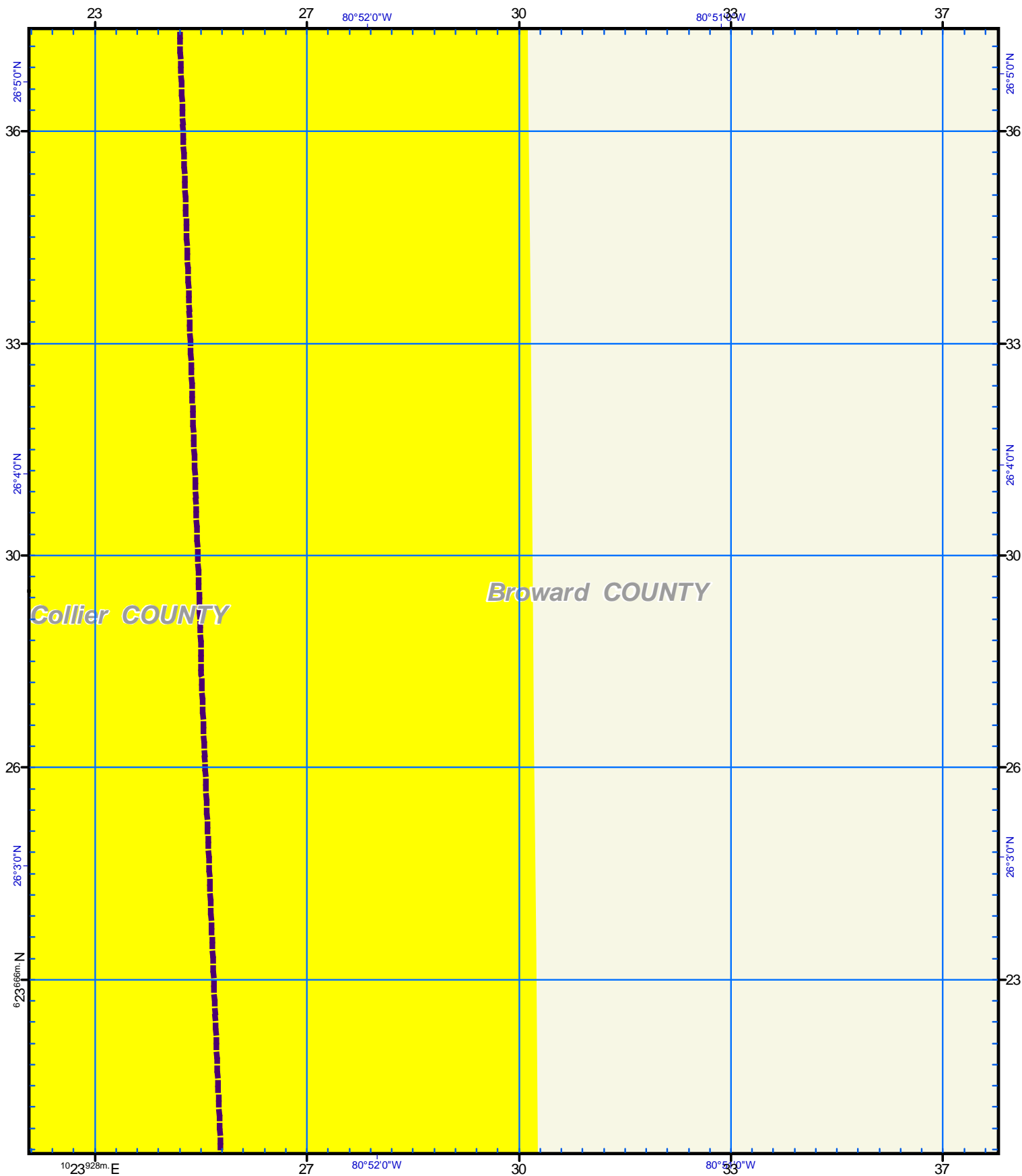
3

4

5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 12 80

Map Plate 154

Page 172

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

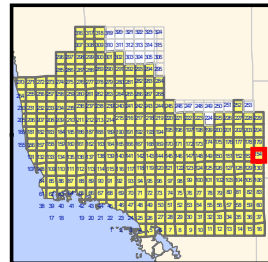
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2

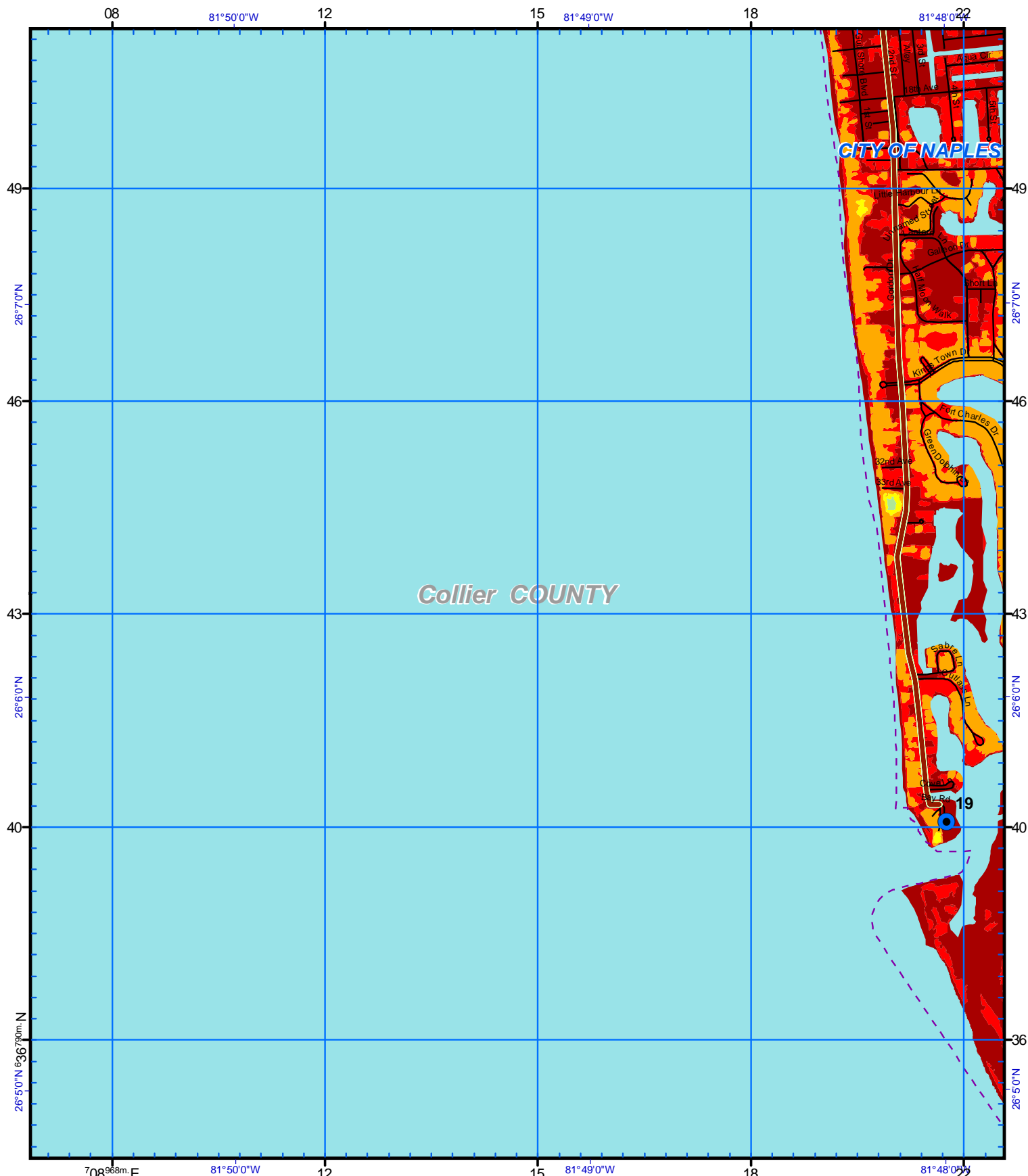
3

4

5



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management implementation are local responsibilities.
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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 16 85

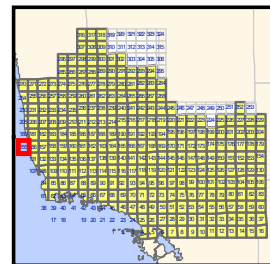
Map Plate 155

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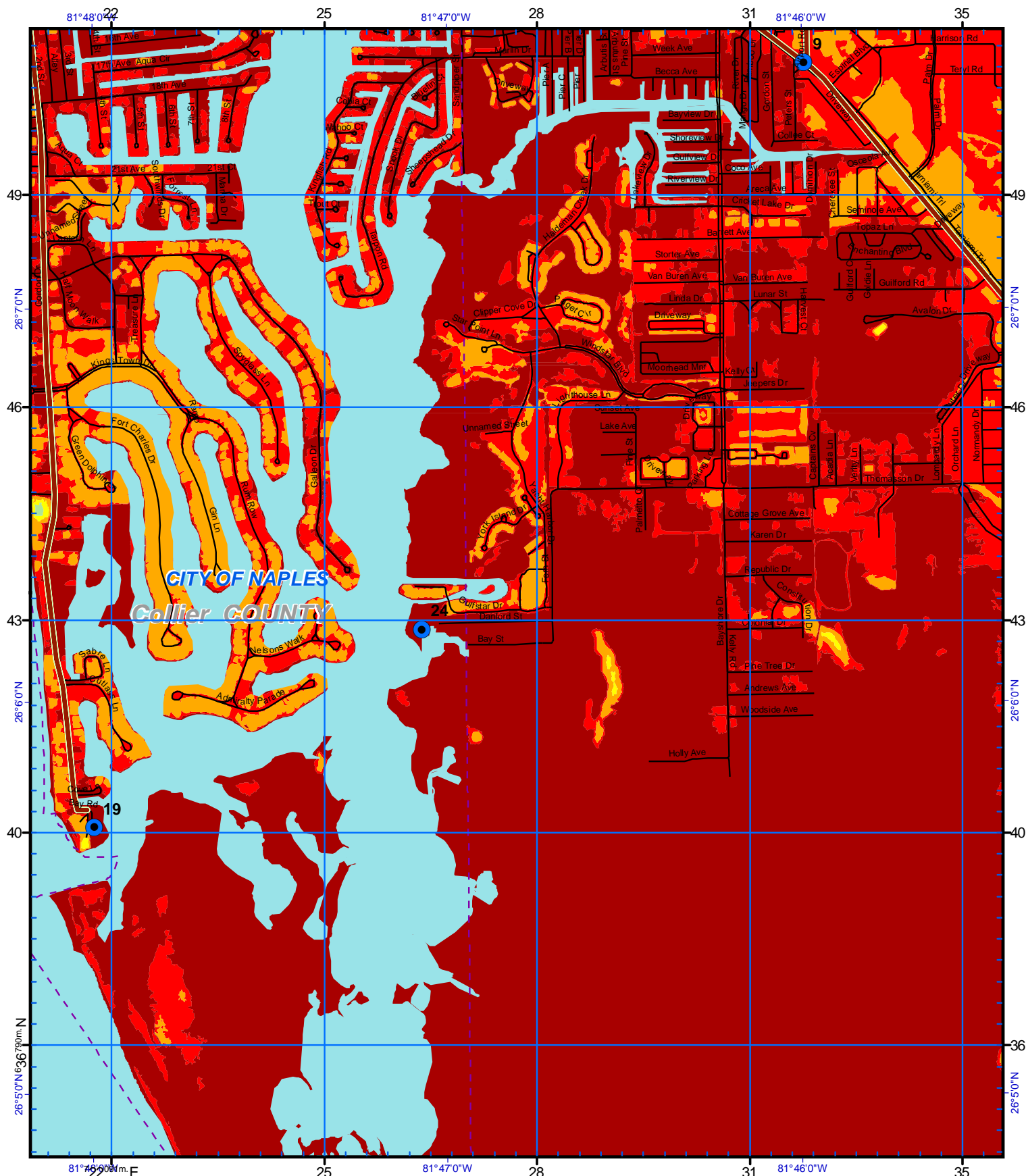
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

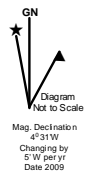
Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 20 85

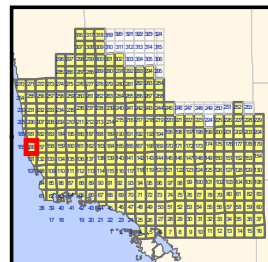
Map Plate 156

Page 174

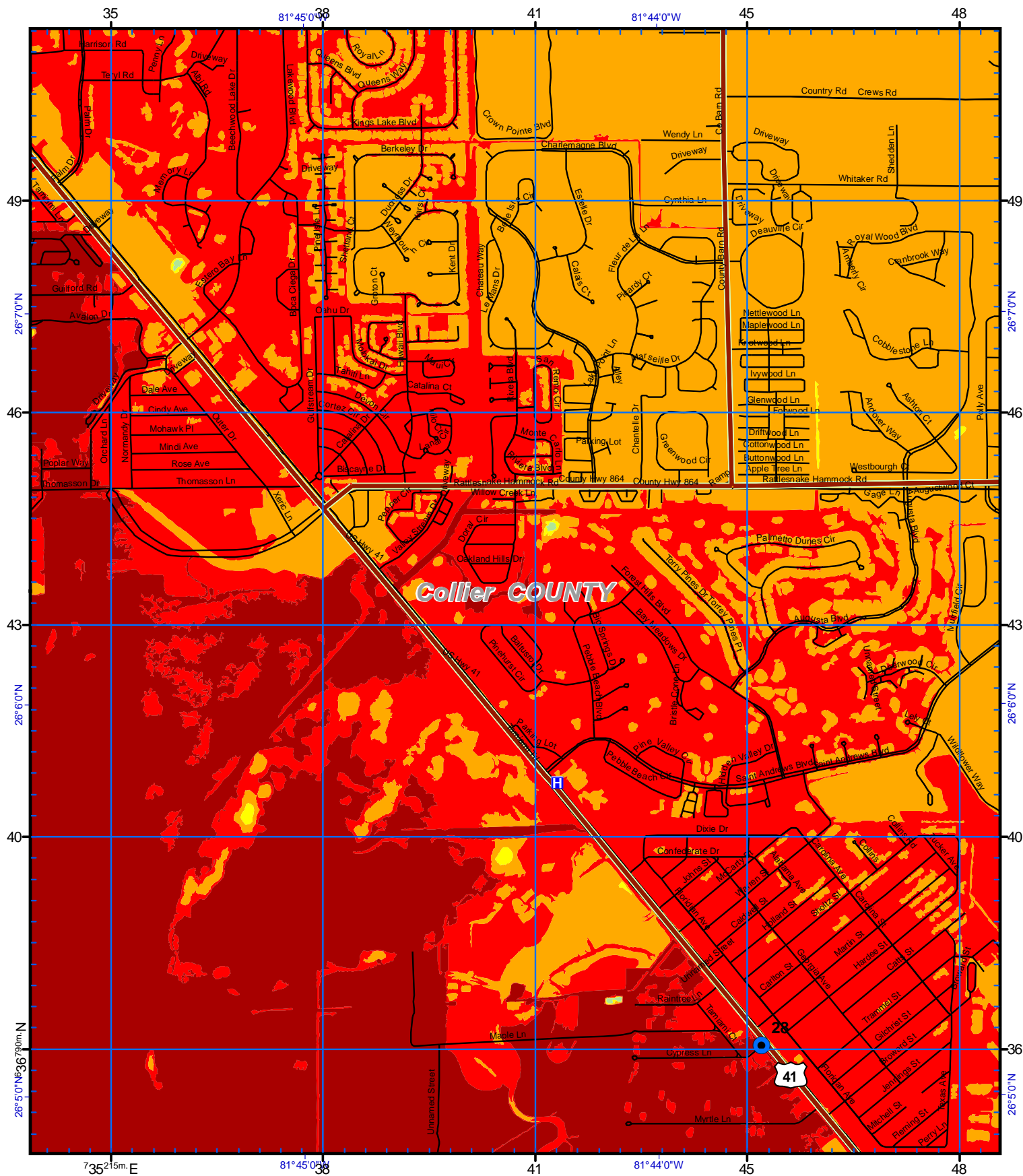
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Dark Green



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 24 85

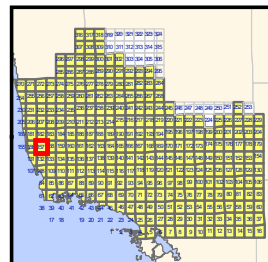
Map Plate 157

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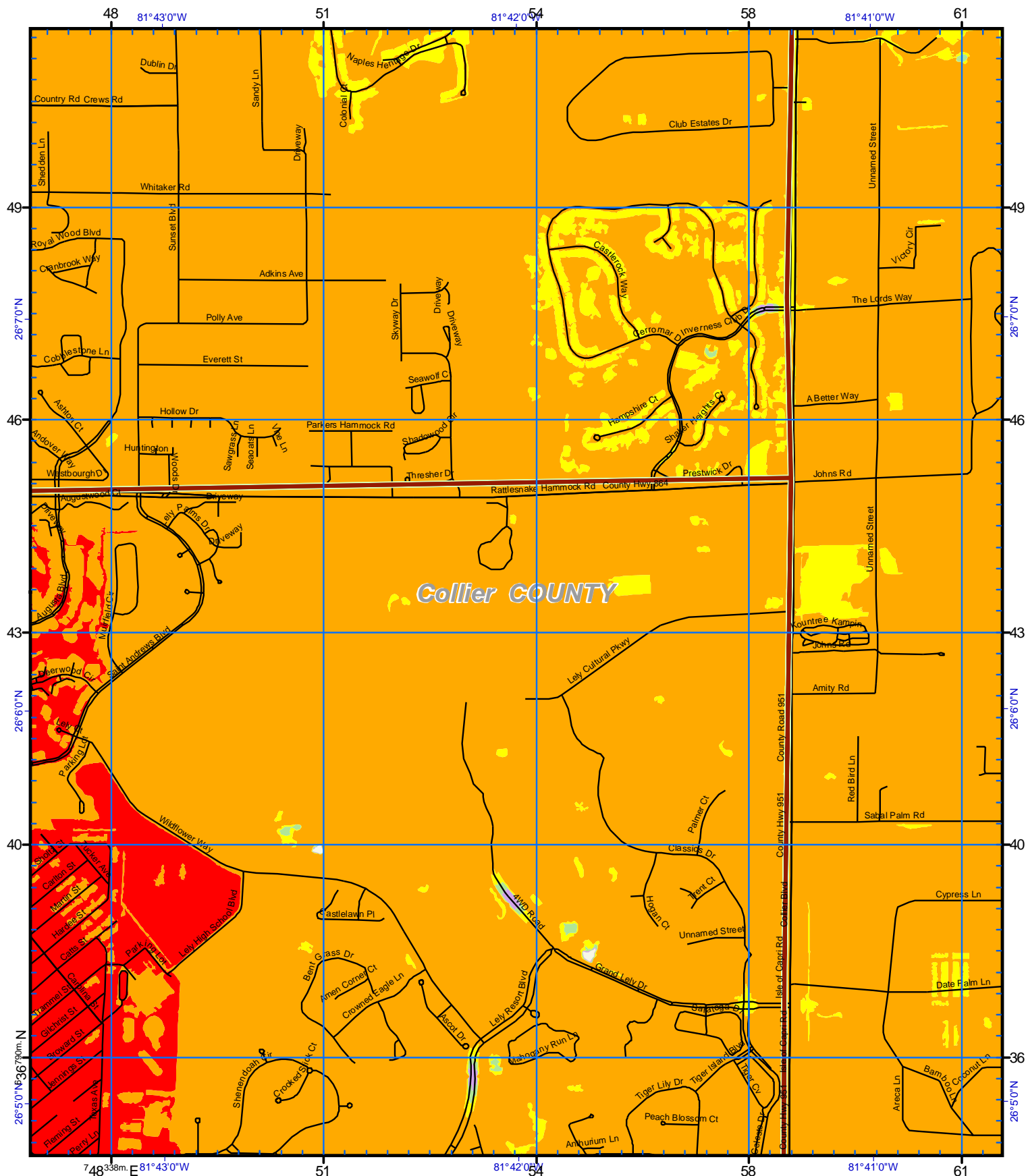
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 28 85

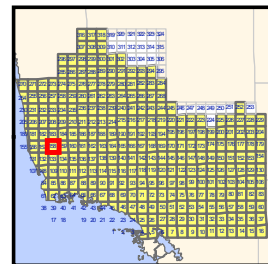
Map Plate 158

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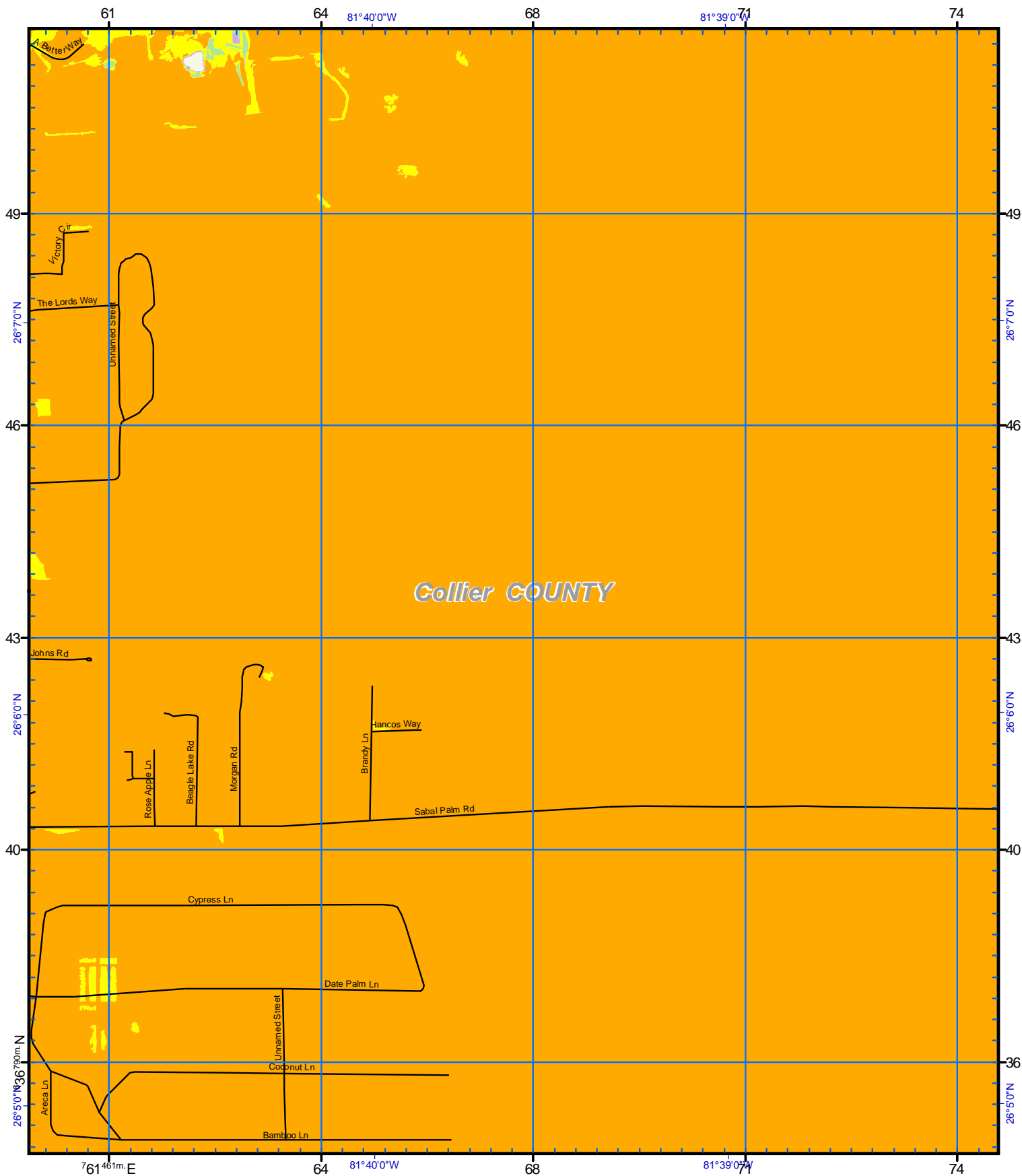
Legend

- Ref Point
- H HOSPITAL
- C City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

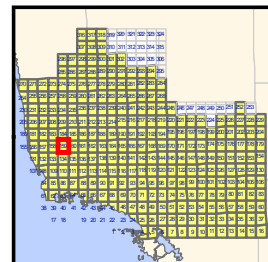
USNG Page **17R MJ 32 85**

Map Plate **159**

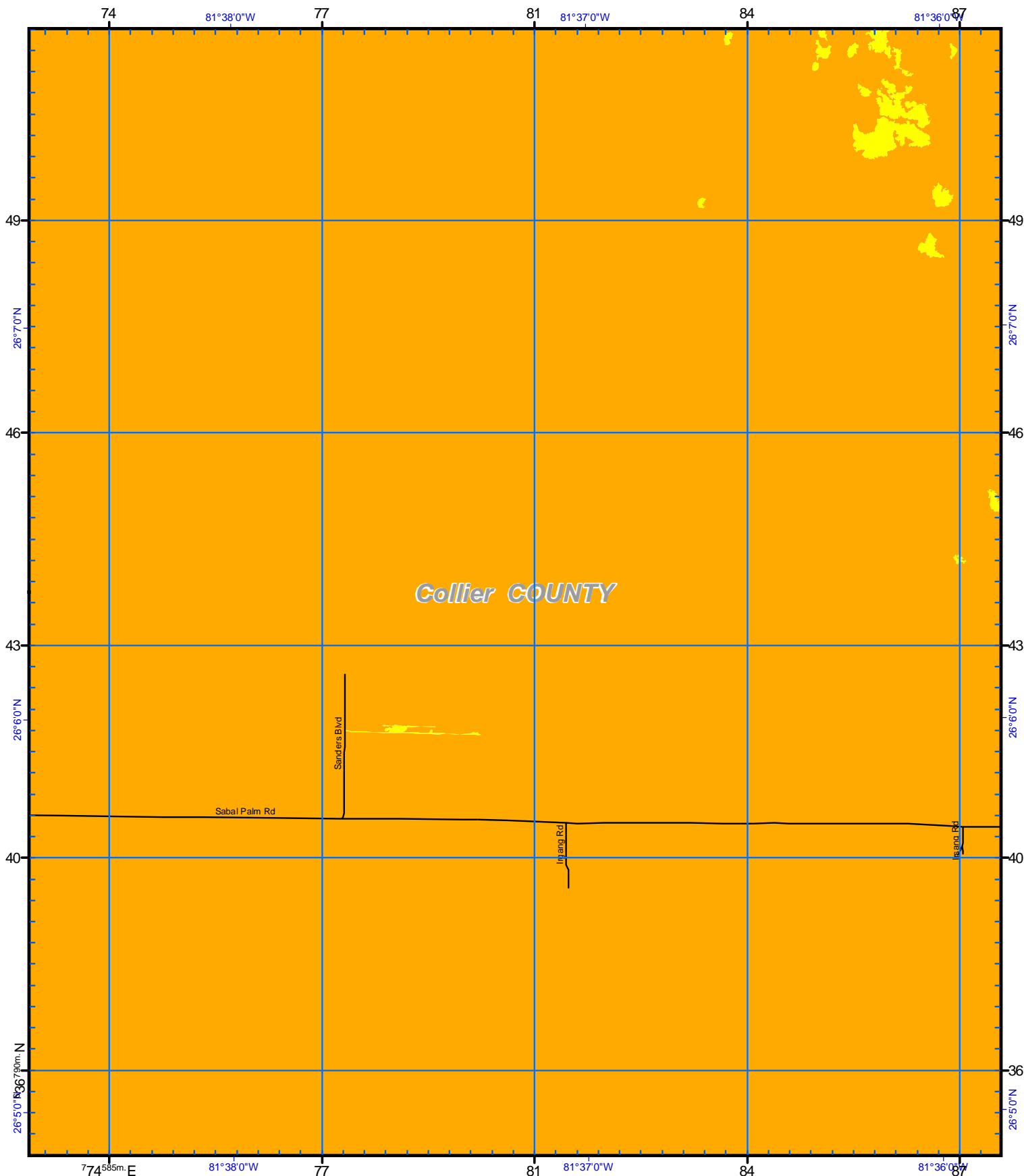
Page 177

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

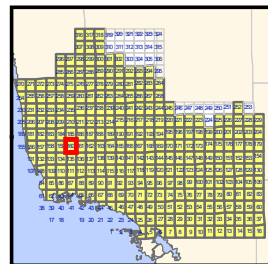
USNG Page **17R MJ 36 85**

Map Plate **160**

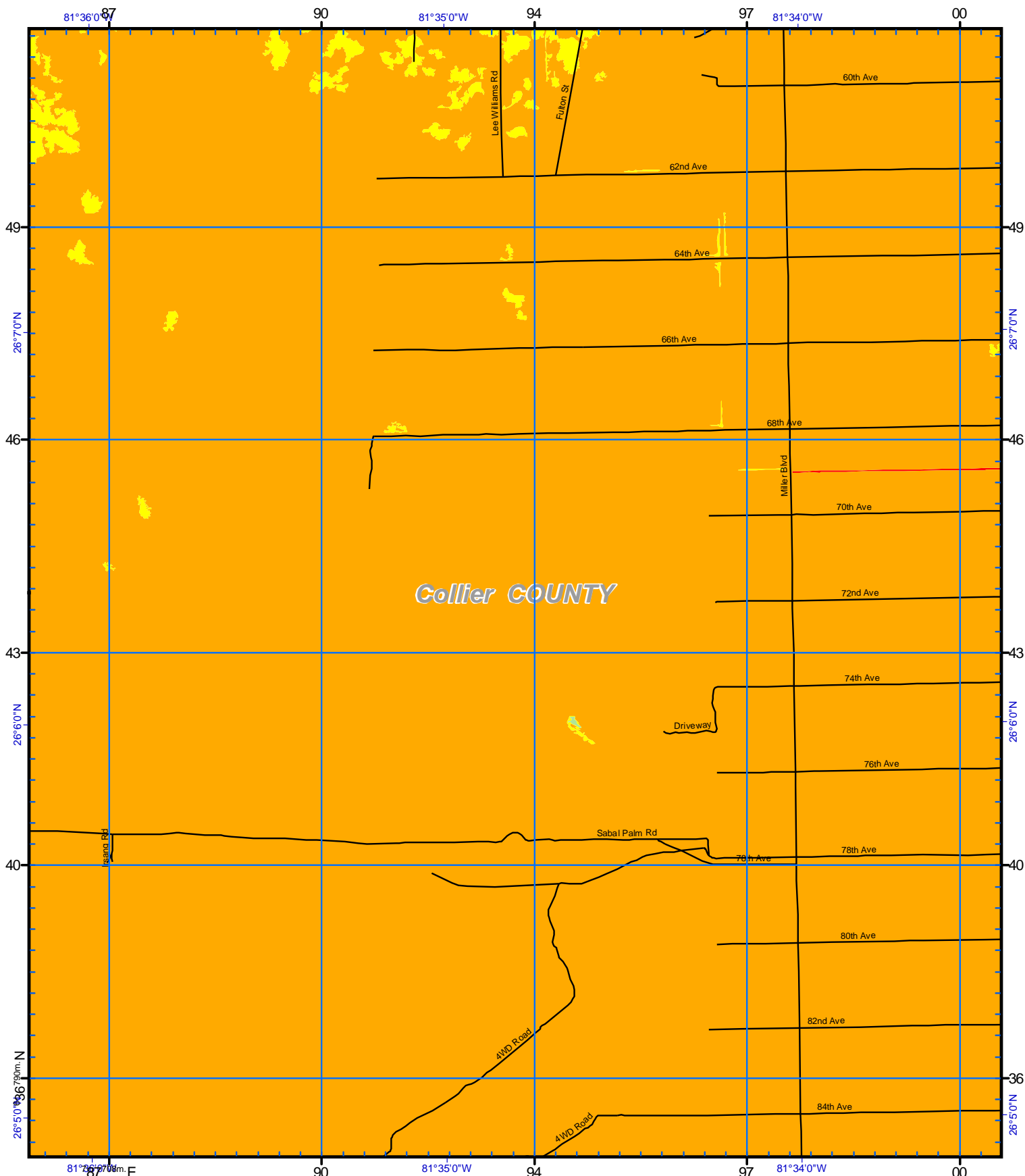
Page 178

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
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MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 40 85

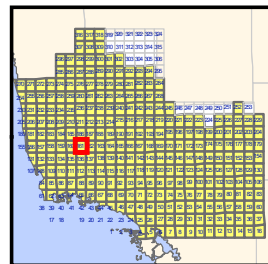
Map Plate 161

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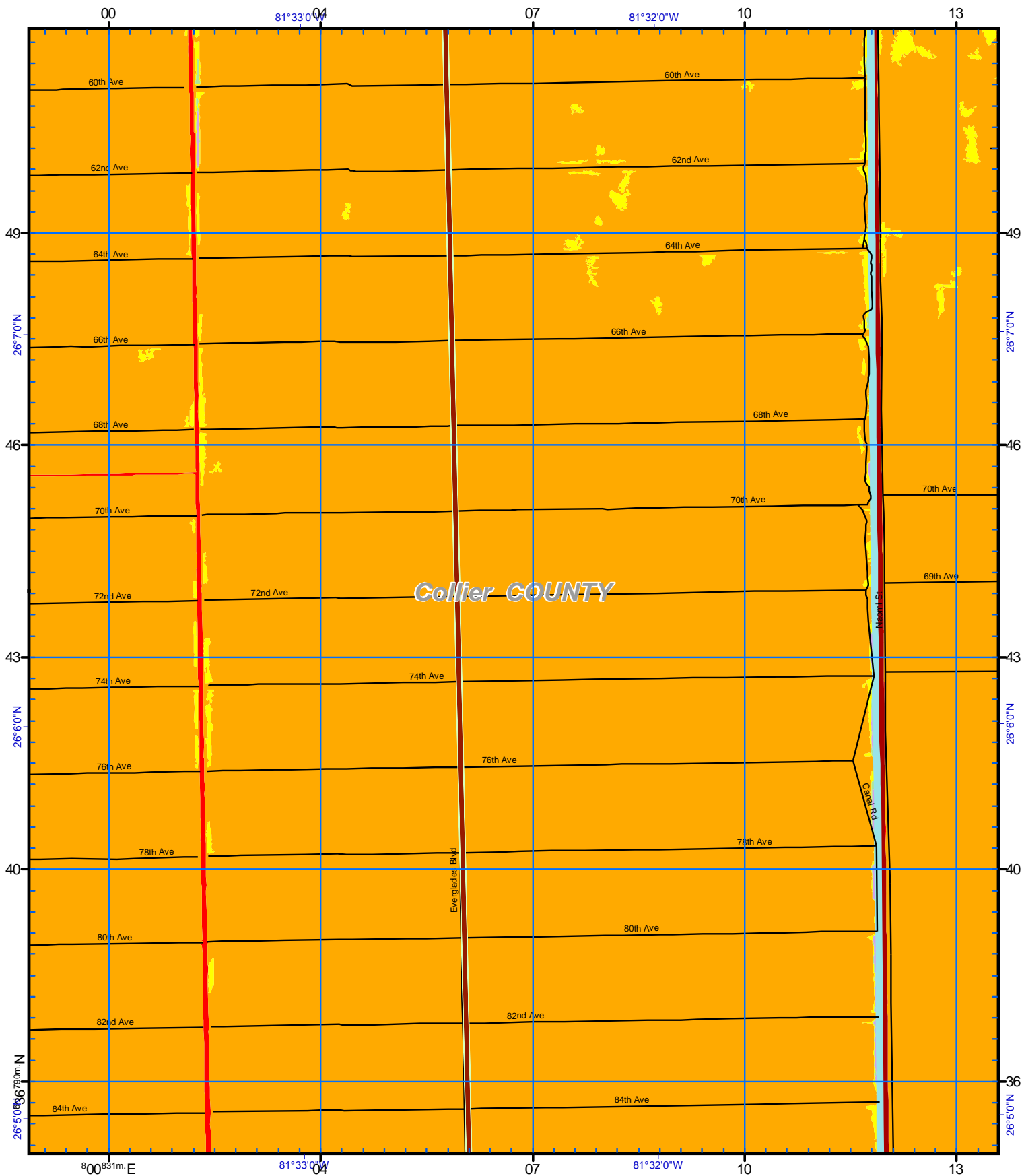
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

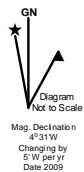
Cat	TS
1	
2	
3	
4	
5	



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US National Grid
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Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 44 85

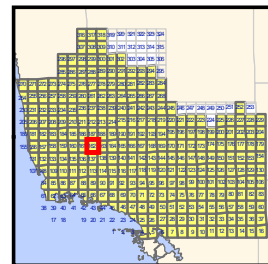
Map Plate 162

Page 180

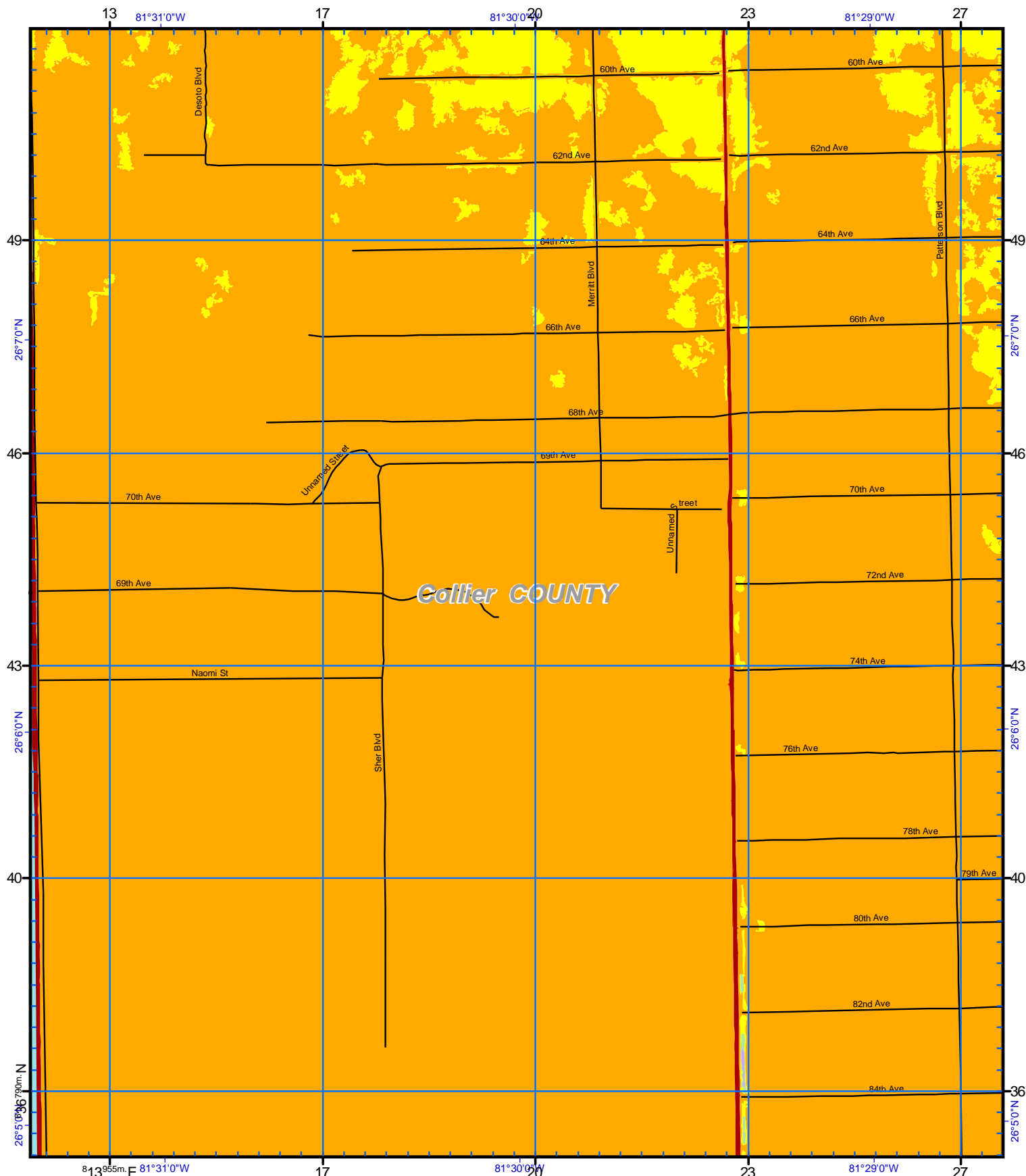
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 48 85**

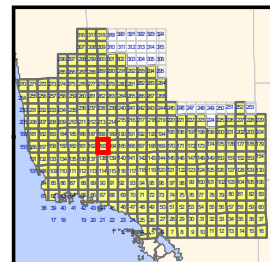
Map Plate **163**

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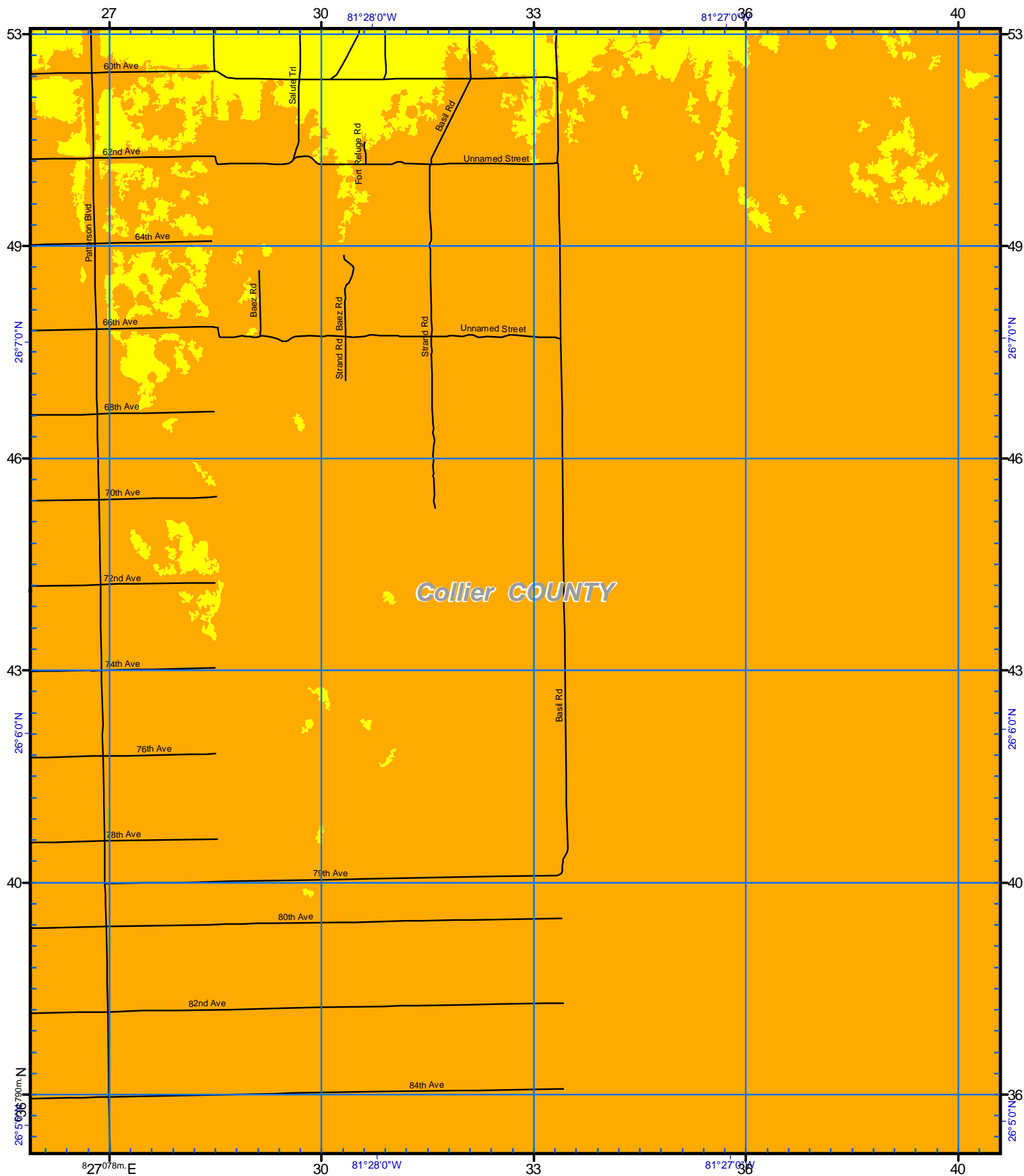
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

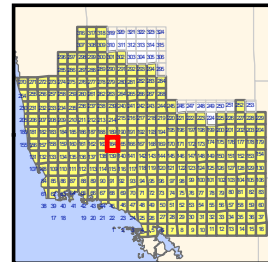
USNG Page **17R MJ 52 85**

Map Plate **164**

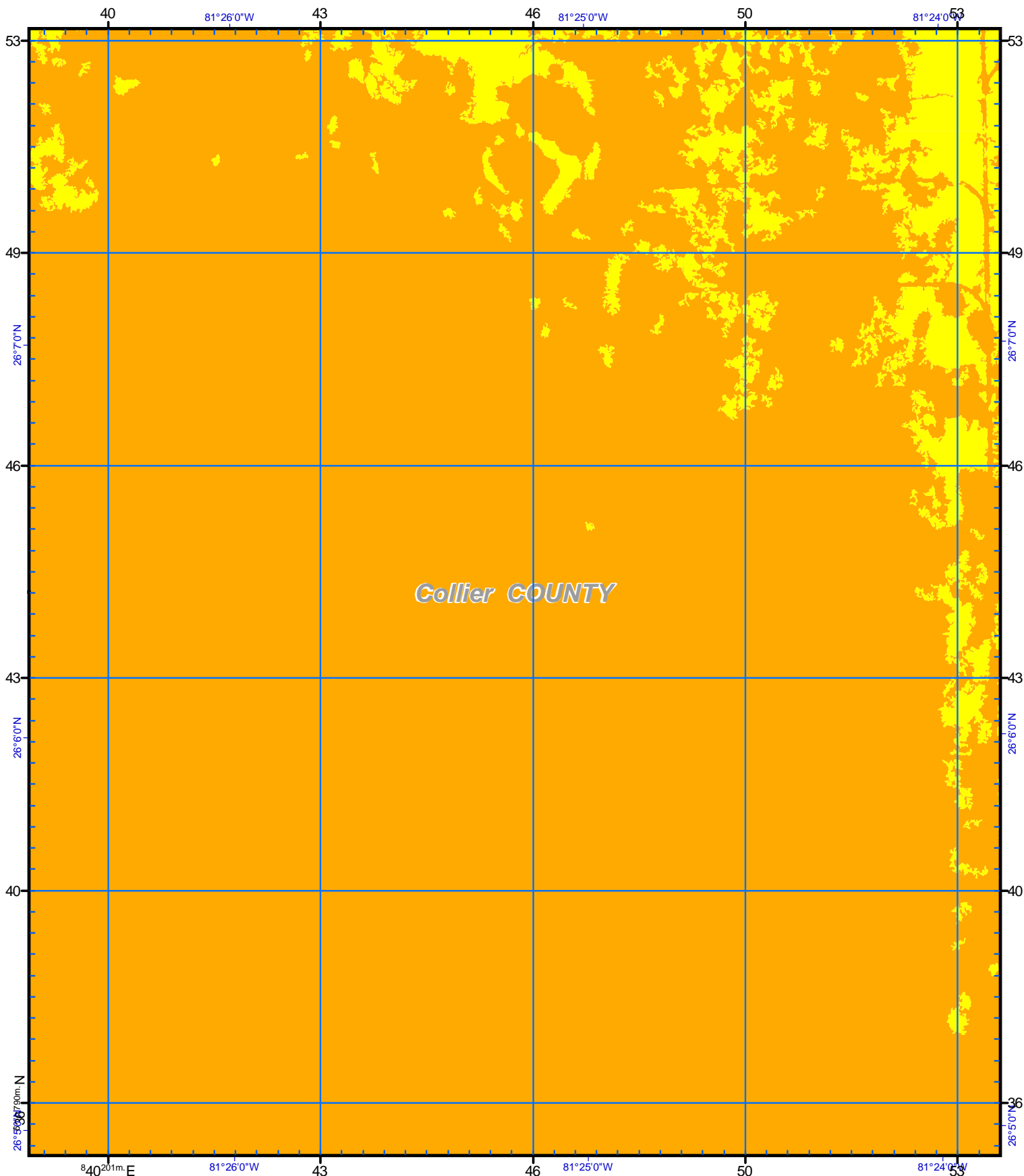
Page 182

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 56 85

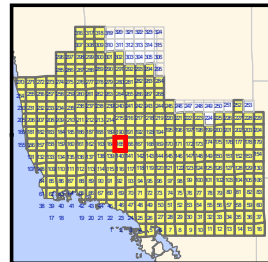
Map Plate 165

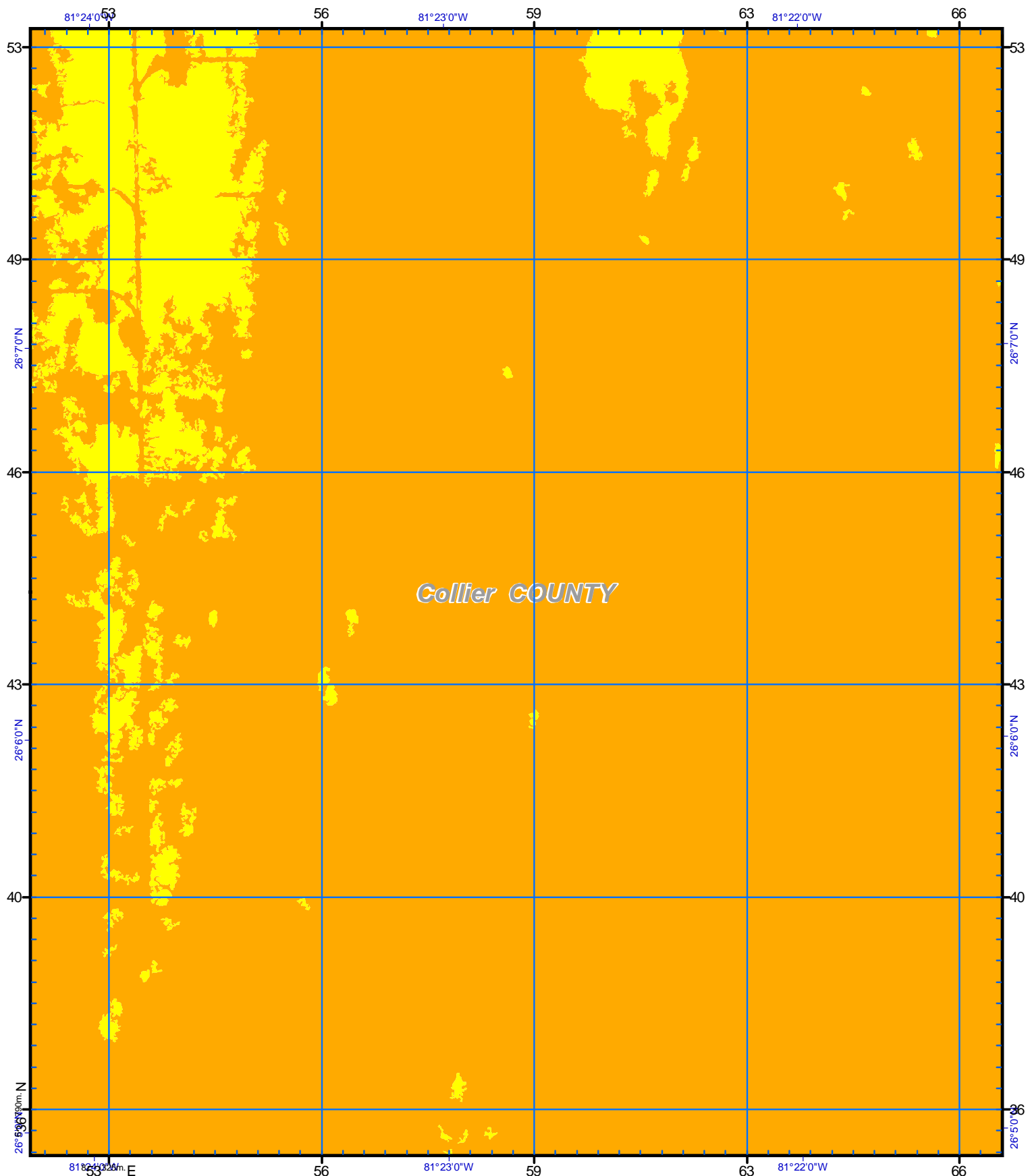
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Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 60 85**

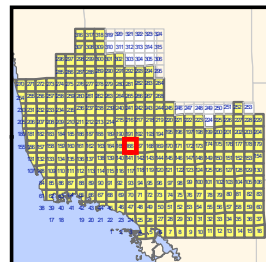
Map Plate **166**

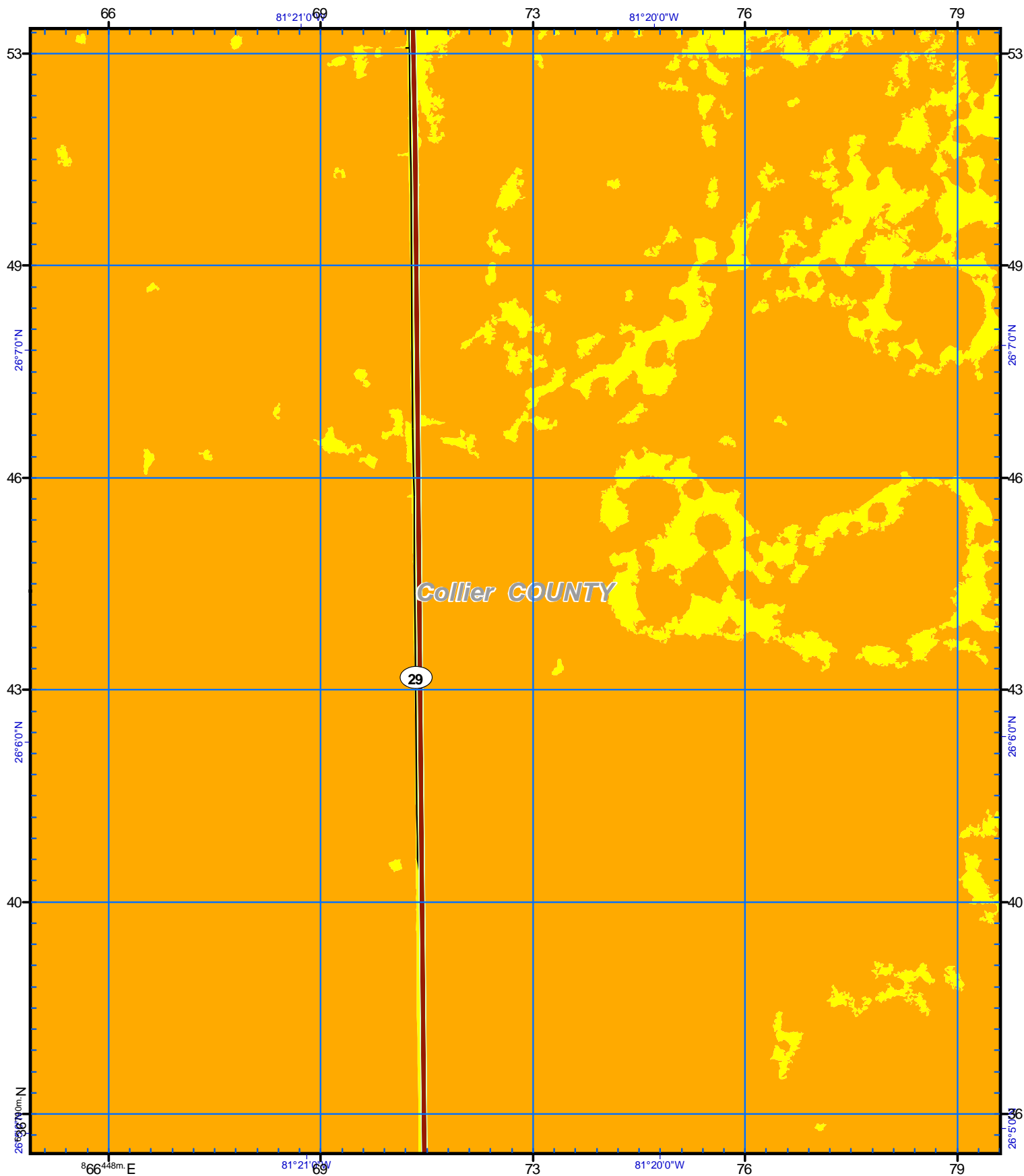
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Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 64 85

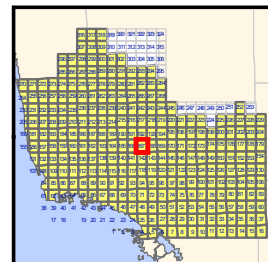
Map Plate 167

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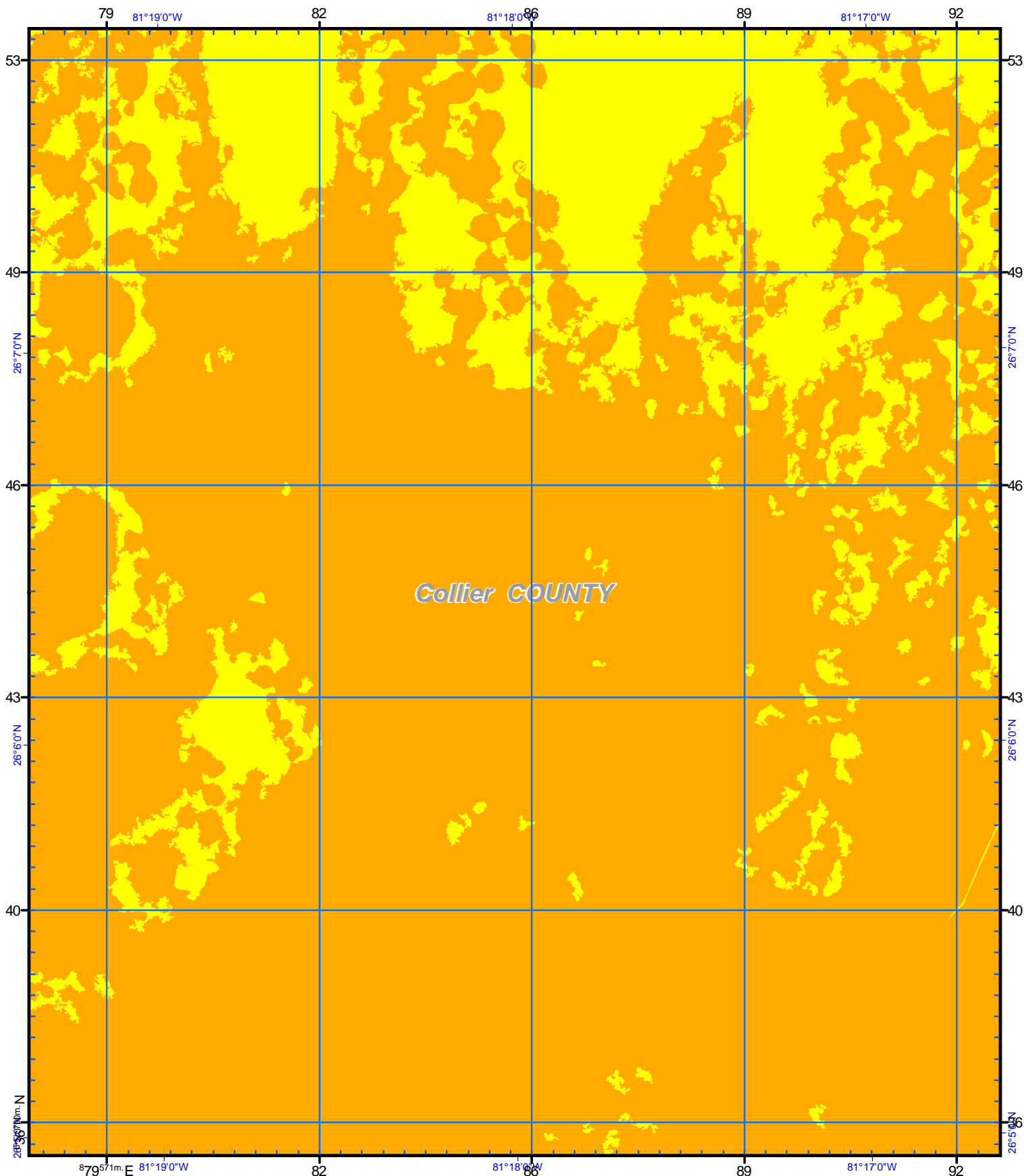
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



This map is for reference & planning purposes only.
Hurricane evacuation decision-making and growth
management implementation are local responsibilities.
Please consult with local authorities.



US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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3. The Points of Reference are locations determined to be relevant to emergency management officials.

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 68 85**

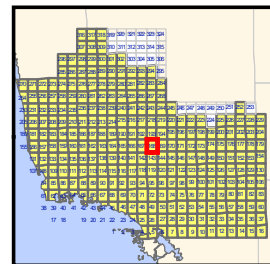
Map Plate **168**

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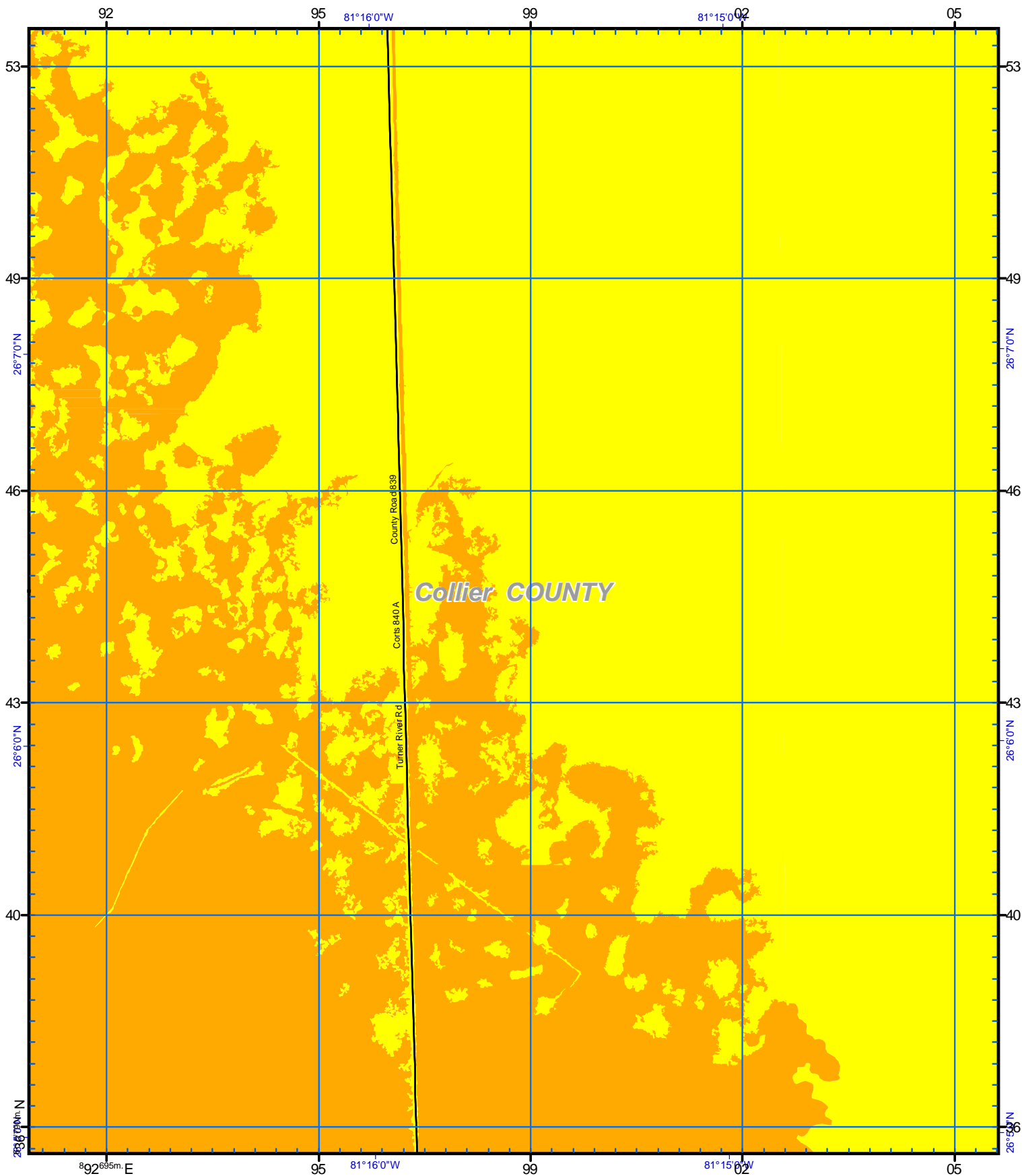
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 72 85

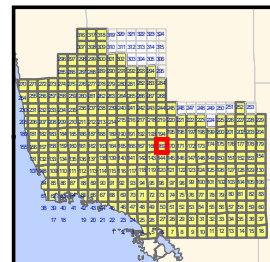
Map Plate 169

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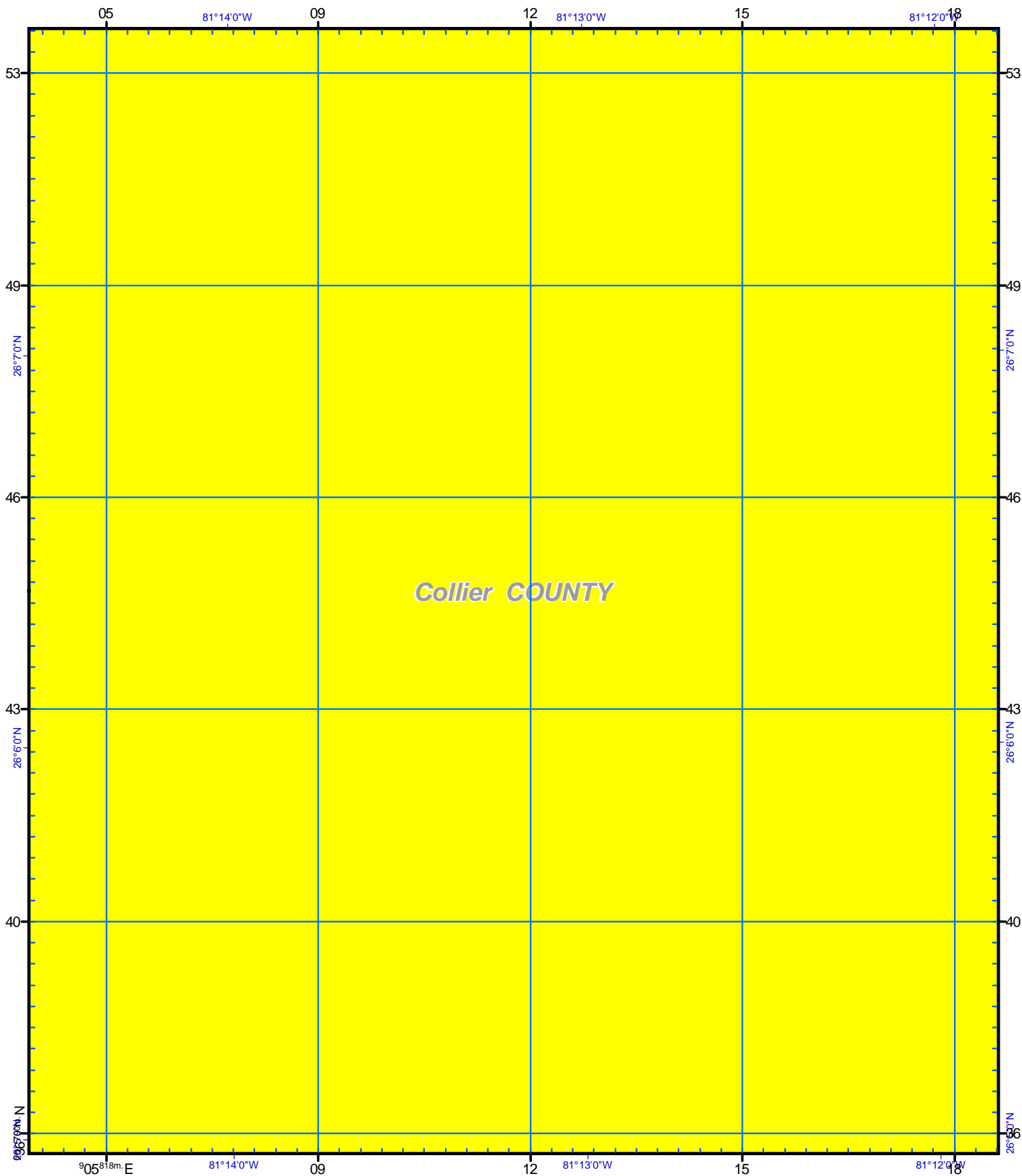
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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still water storm tide height
elevation above NAVD88
at high tide with no wave
setup.
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derived from Maximum of
Maximum surge heights
over LIDAR based digital
elevation.
3. The Points of Reference are
locations determined to be
relevant to emergency man-
agement officials.

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

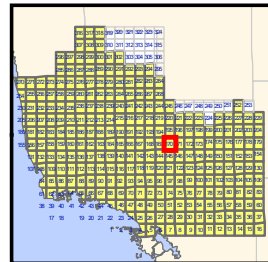
USNG Page **17R MJ 76 85**

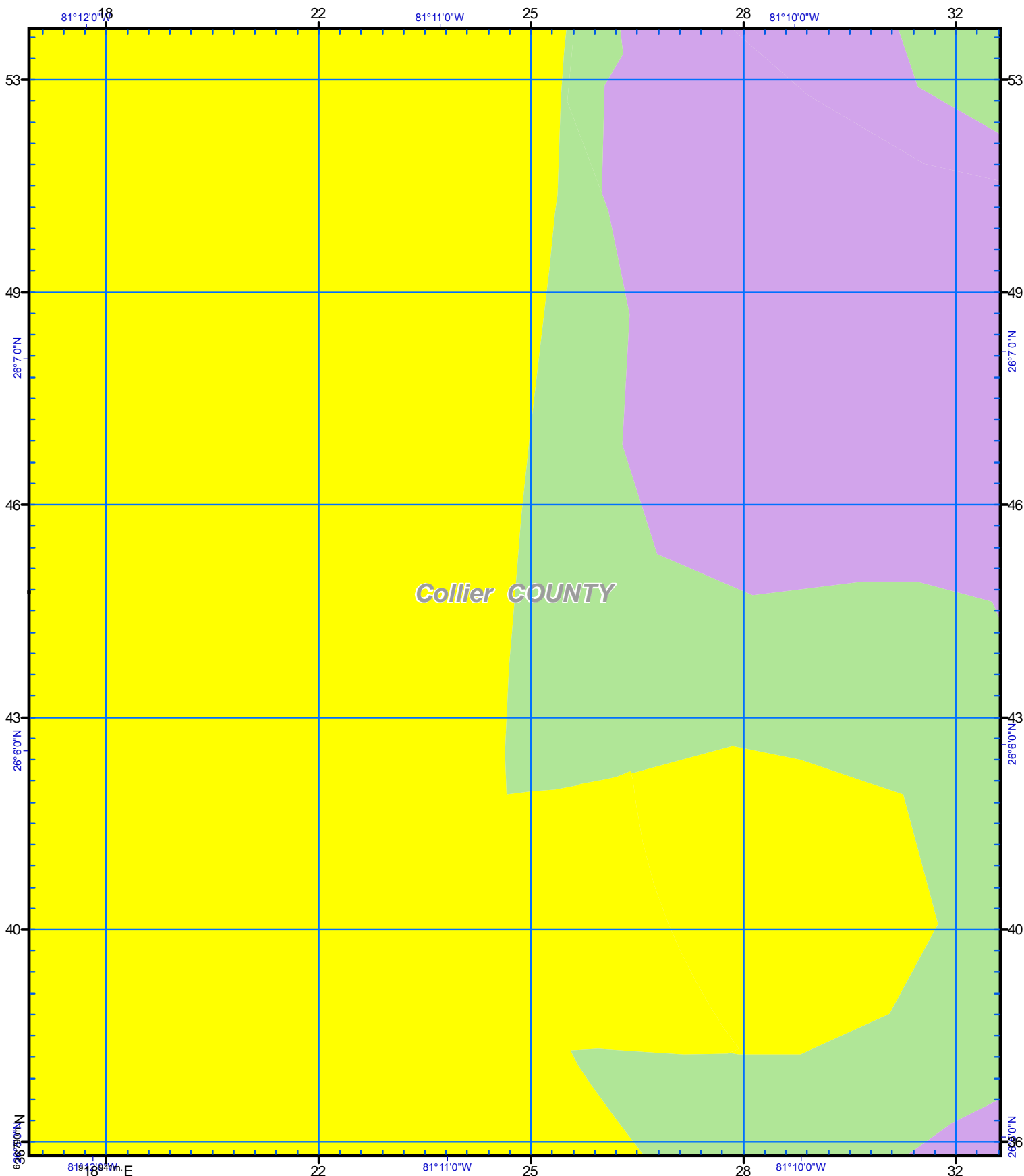
Map Plate **170**

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Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 80 85**

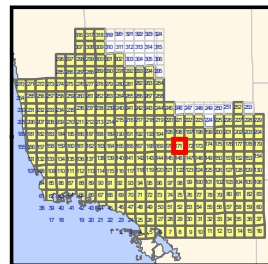
Map Plate **171**

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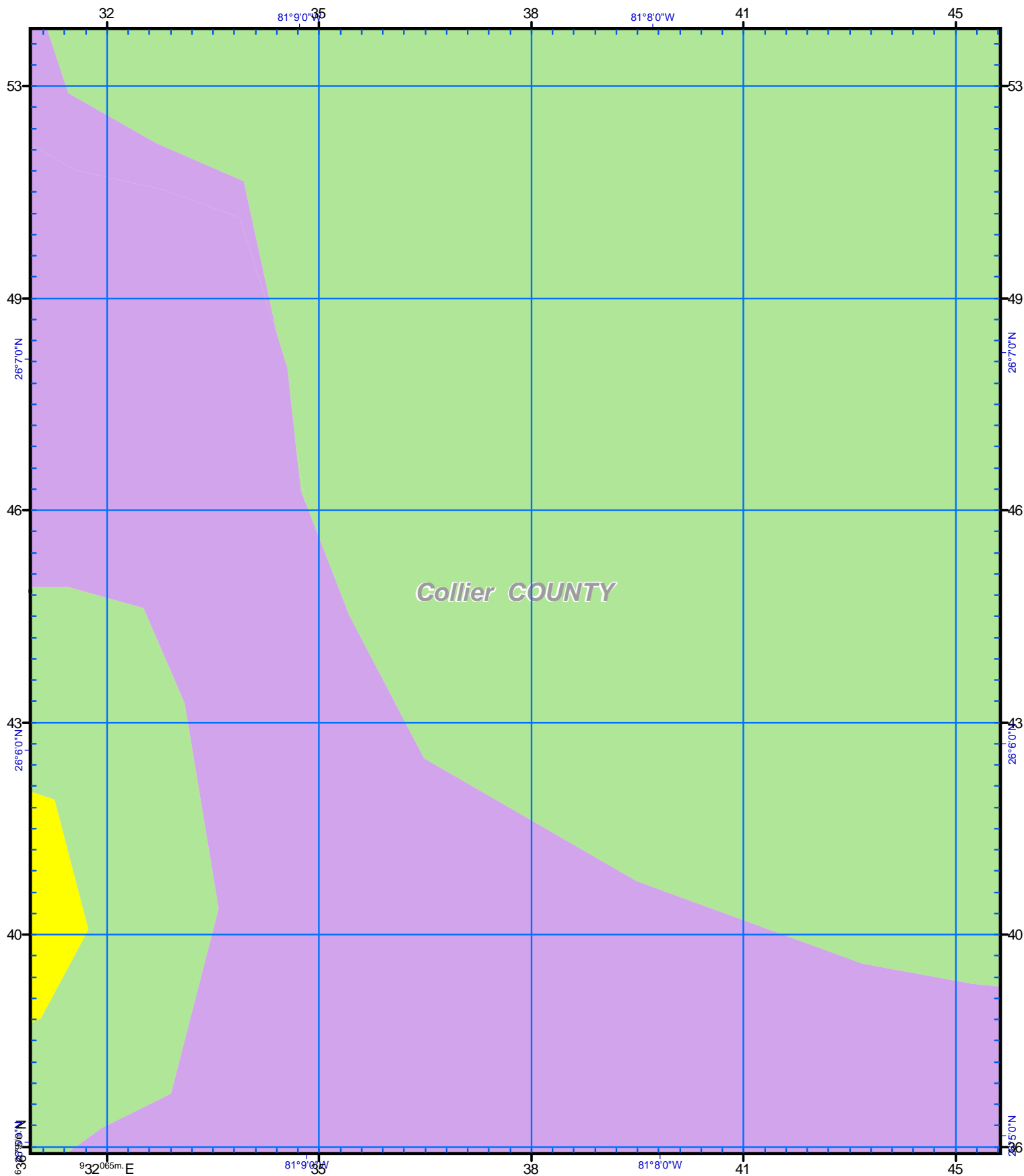
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

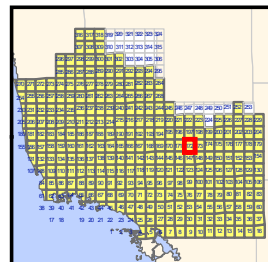
USNG Page **17R MJ 84 85**

Map Plate **172**

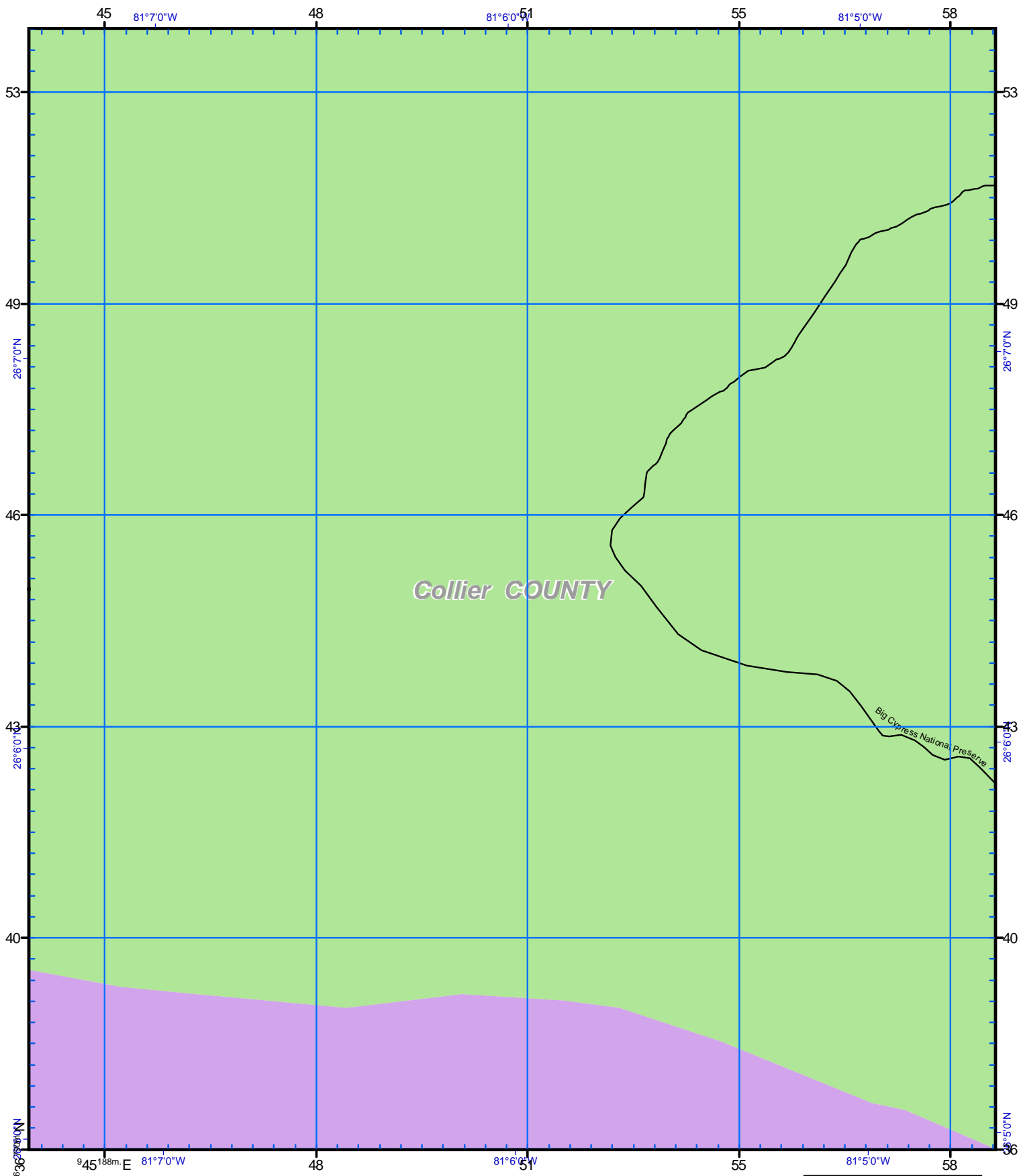
Page 190

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 88 85

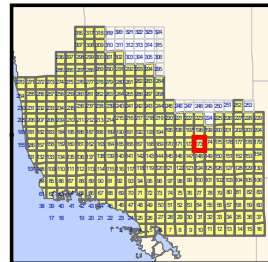
Map Plate 173

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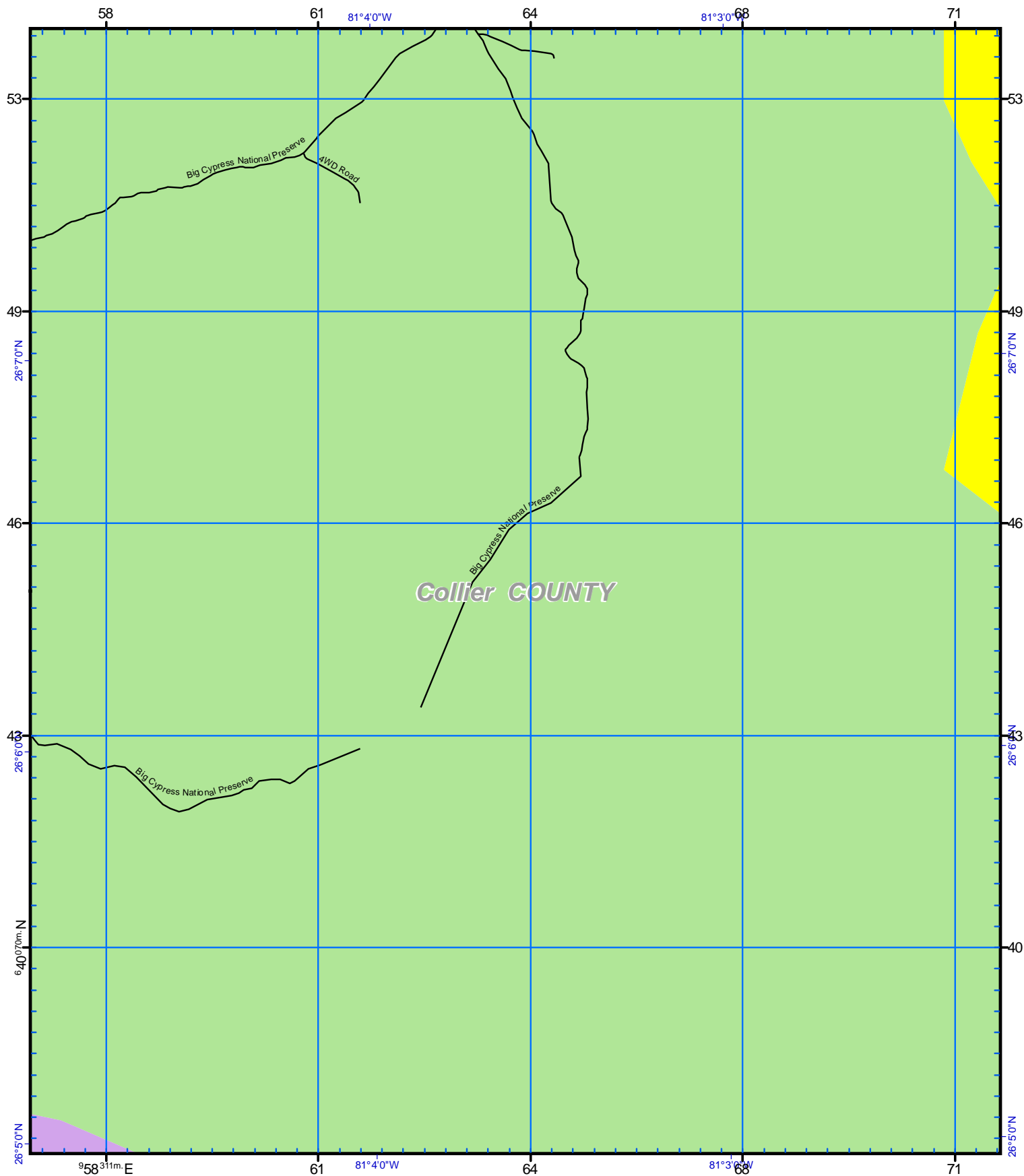
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 92 85**

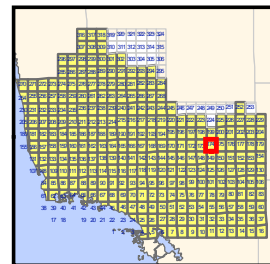
Map Plate **174**

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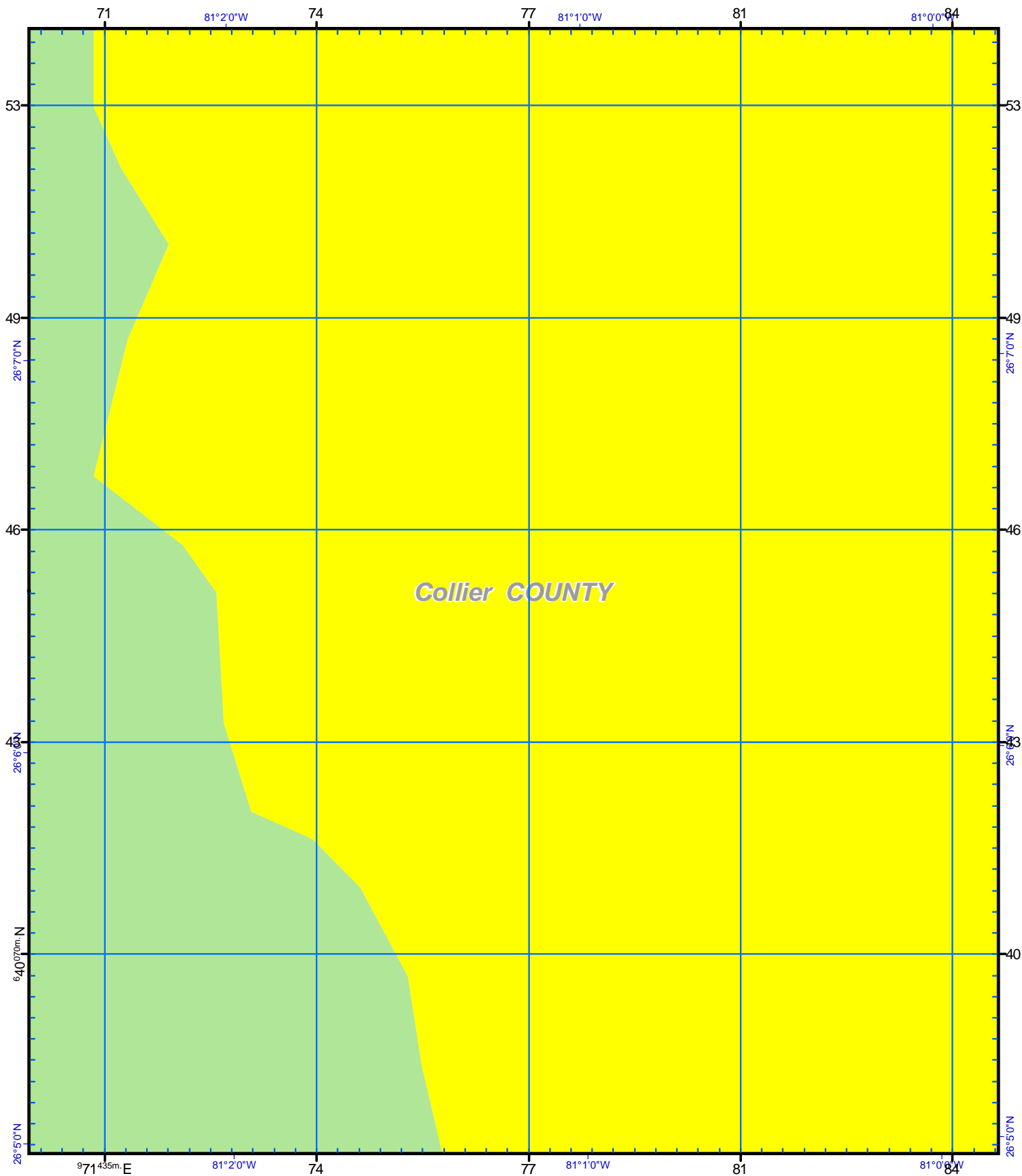
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 96 85**

Map Plate **175**

Page 193

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

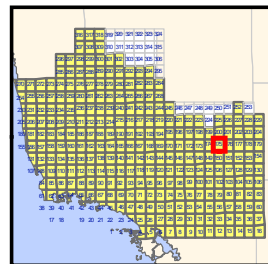
1

2

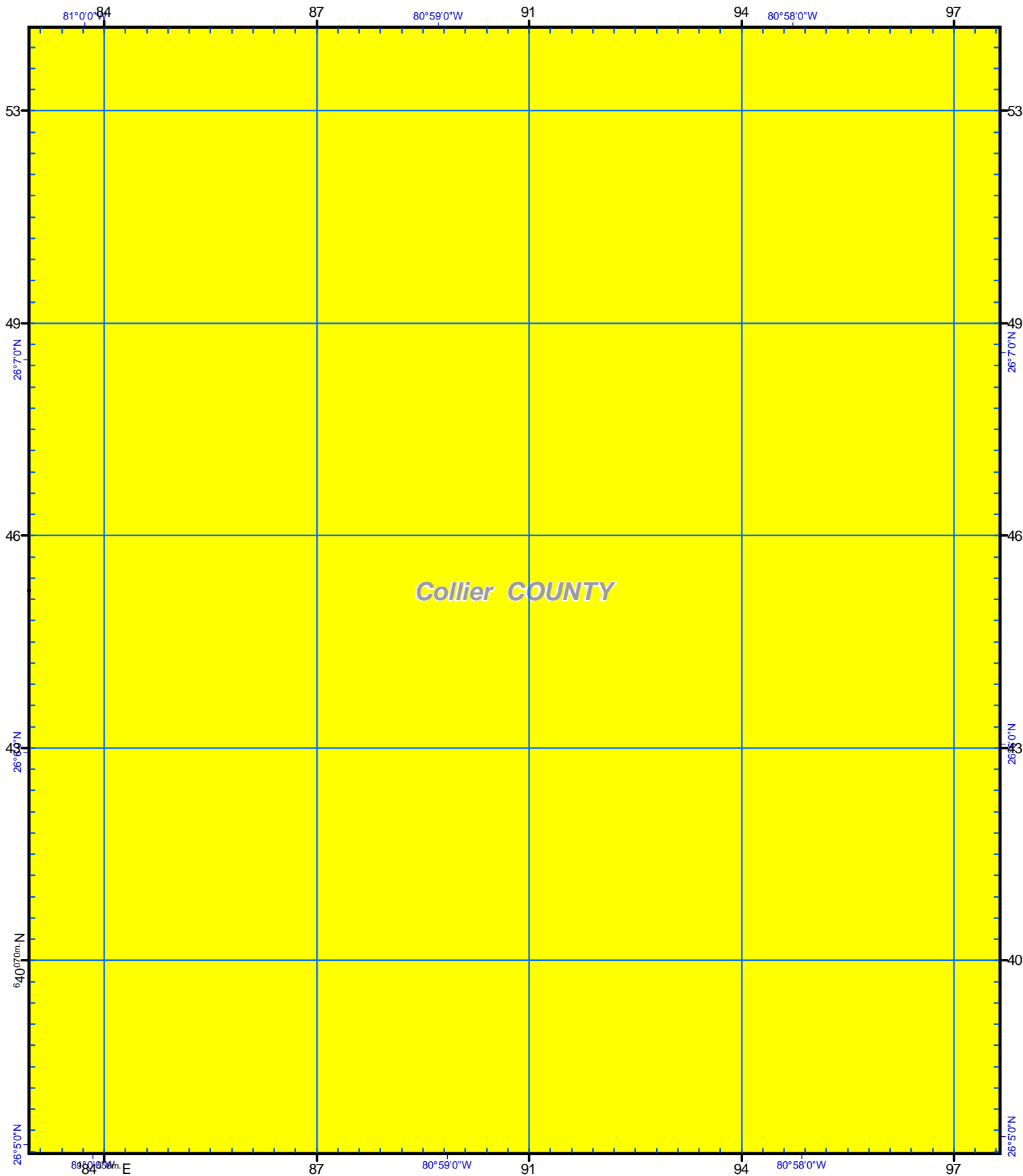
3

4

5



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management implementation are local responsibilities.
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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

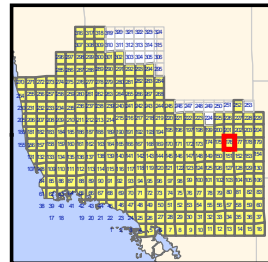
USNG Page **17R NJ 00 85**

Map Plate **176**

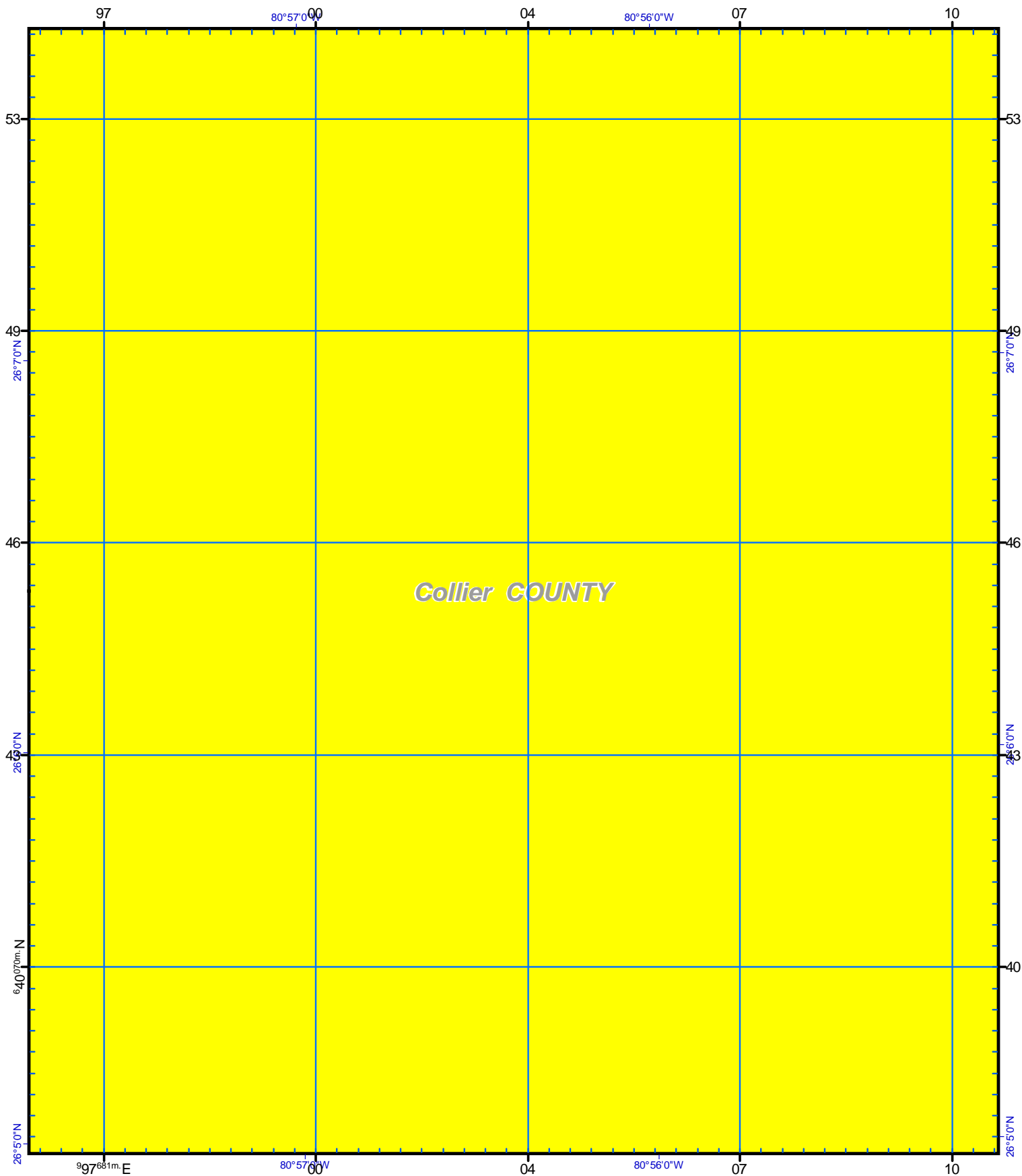
Page 194

Legend

- Ref Point
 - HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|----|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 04 85**

Map Plate **177**

Page 195

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

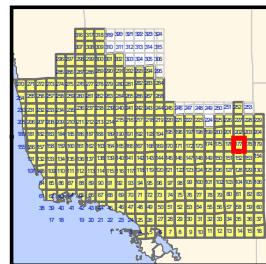
1

2

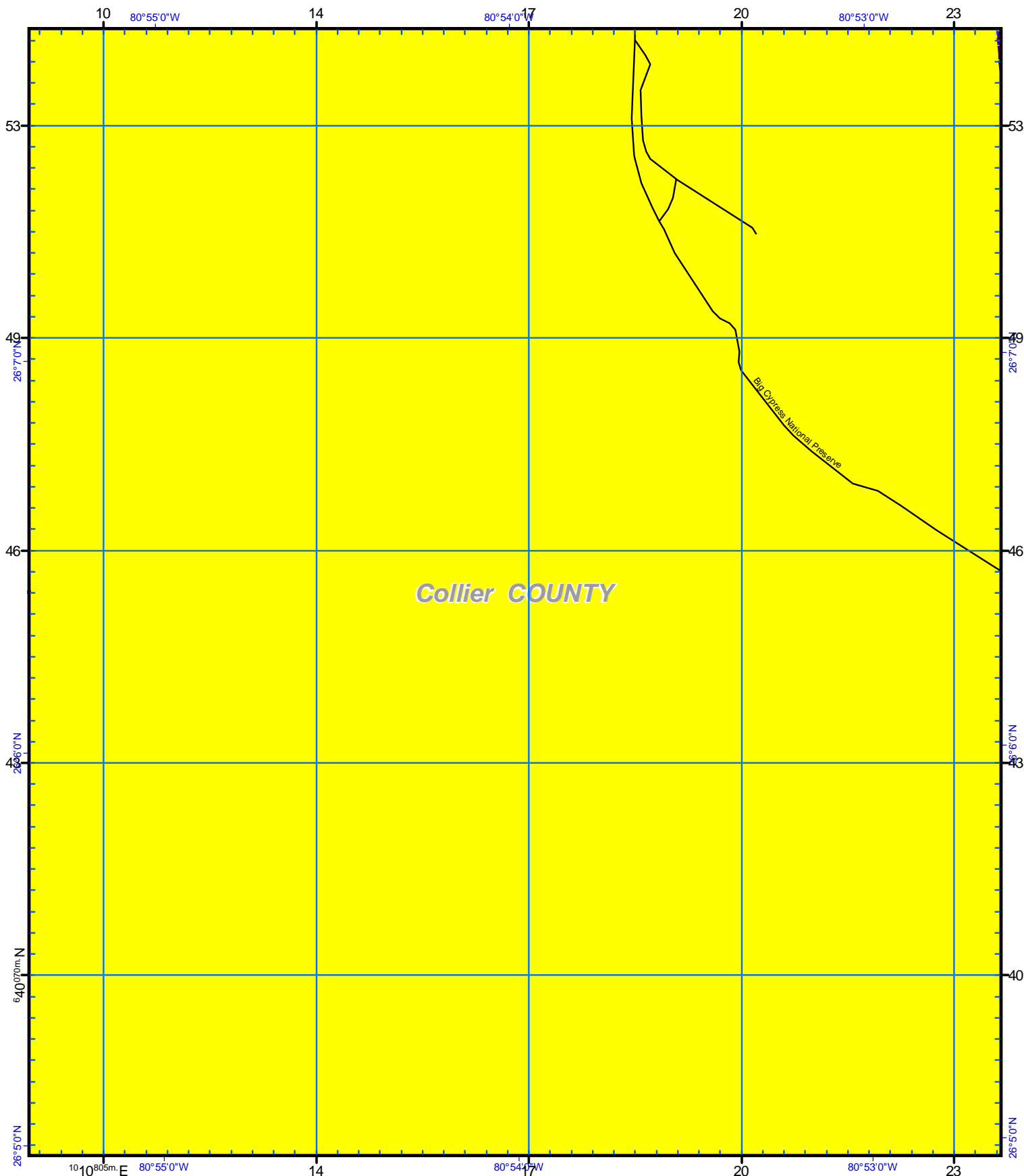
3

4

5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 08 85**

Map Plate **178**

Page 196

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

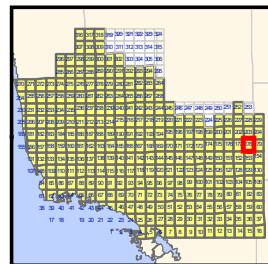
1

2

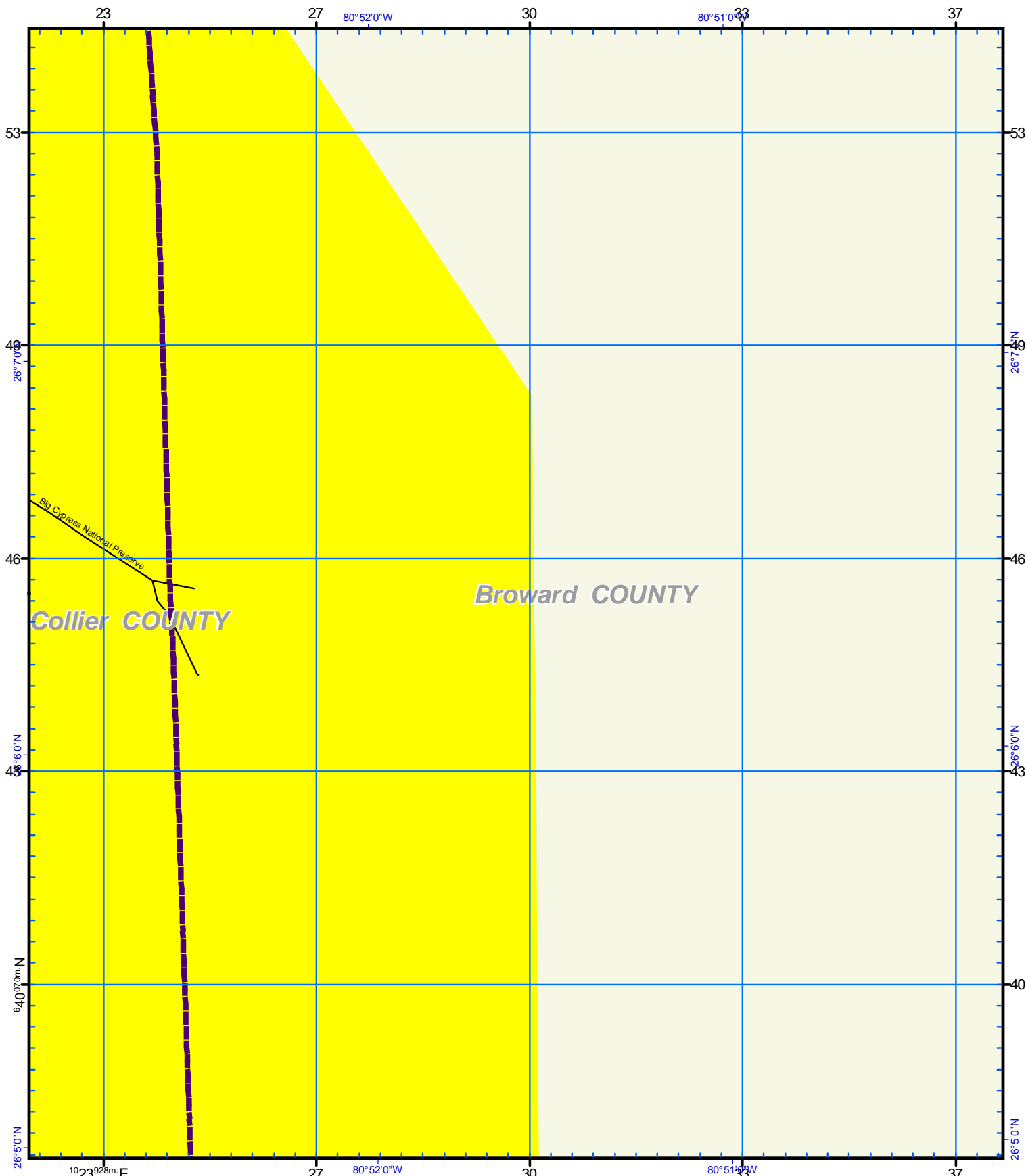
3

4

5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 12 85

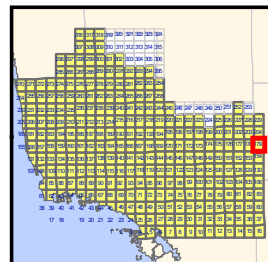
Map Plate 179

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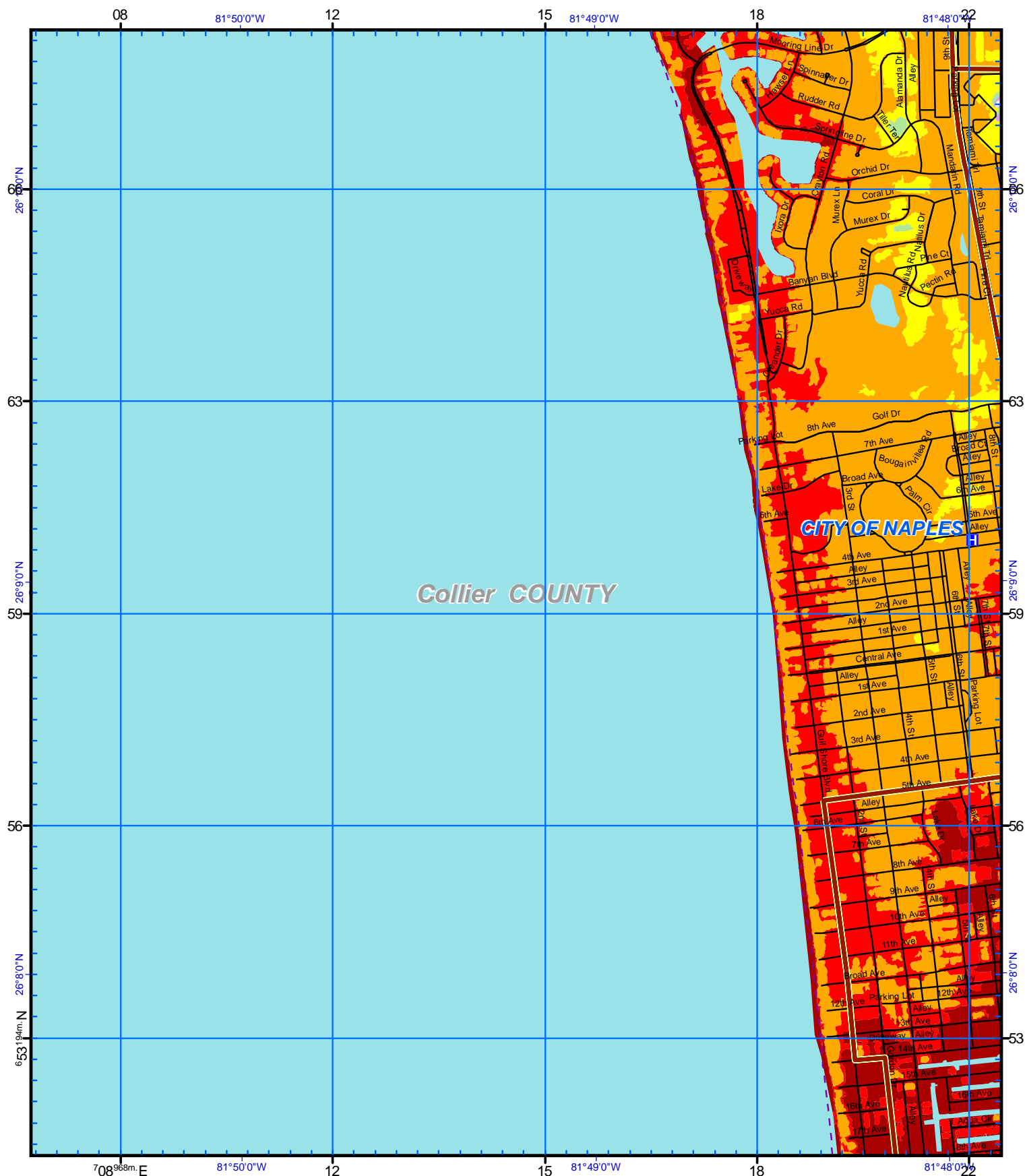
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100 000 m Square ID

MJ

Grid Zone Designation

17R

Datum = NAD 1983, 1,000-m USNG



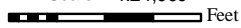
Notes:

1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000








USNG Page 17R MJ 16 90

Map Plate **180**

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Legend

-  Ref Point
 HOSPITAL
 City Limits
 Evac Route
 WATER

Cat

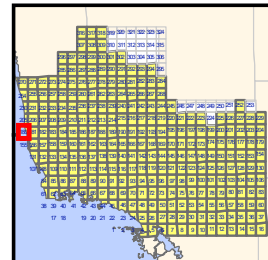
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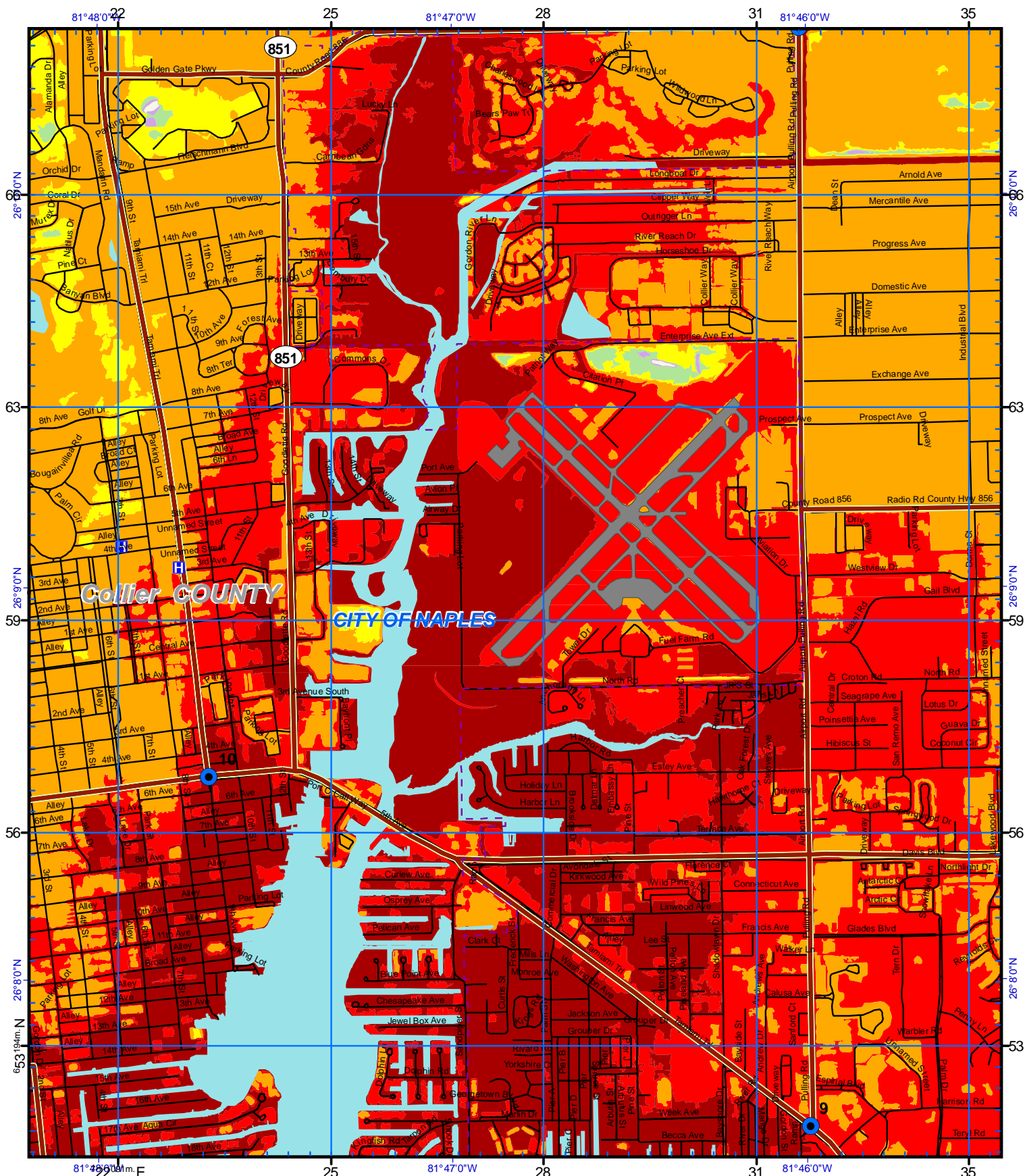
1

2

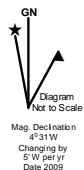
3

4





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 20 90

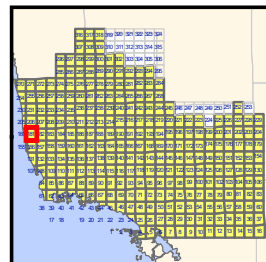
Map Plate 181

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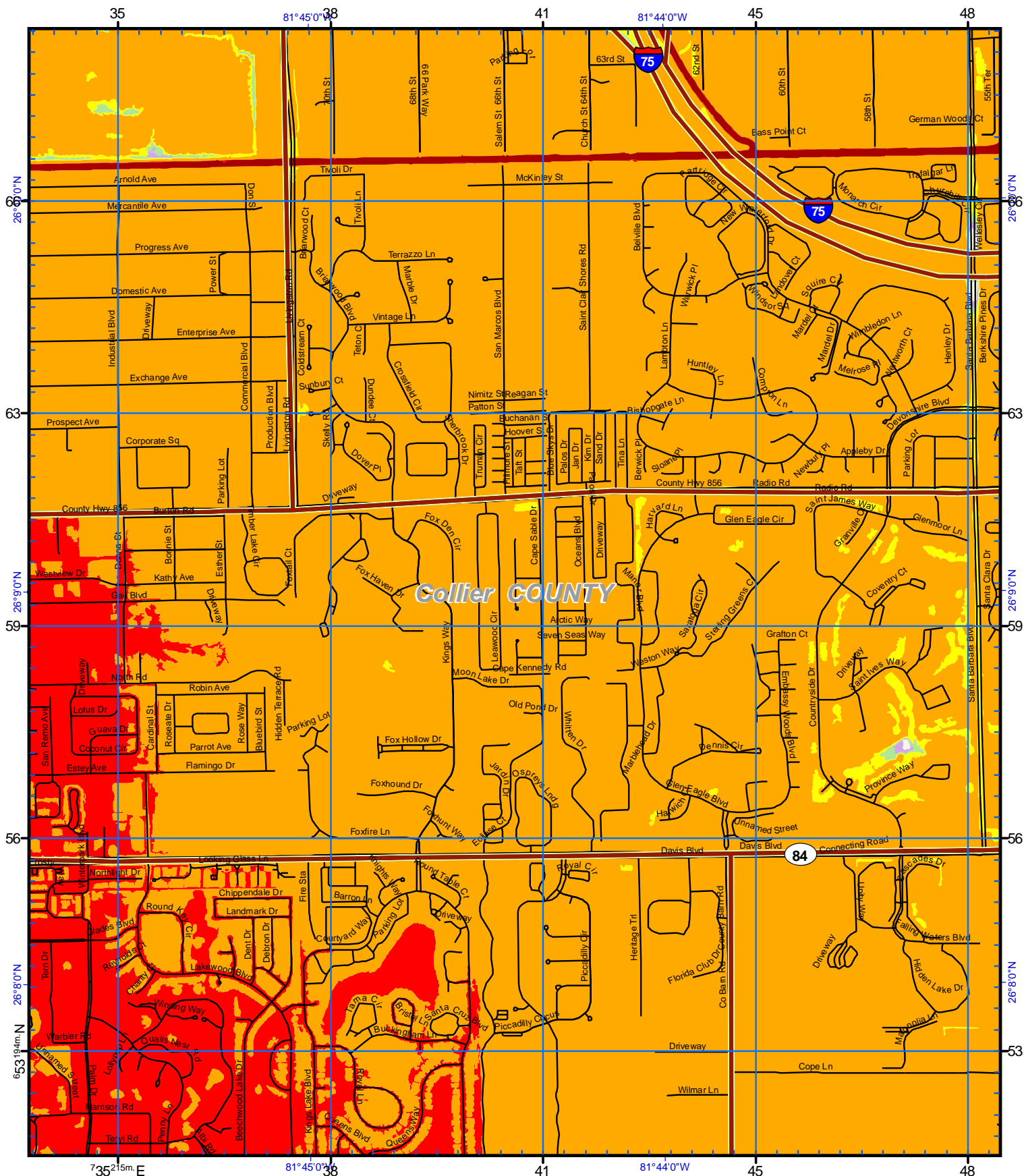
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

- Cat**
- | TS | Color |
|----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Dark Green |



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MJ
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17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 24 90

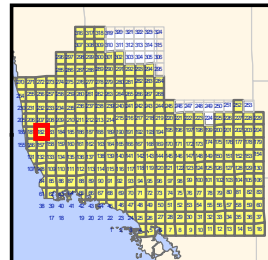
Map Plate 182

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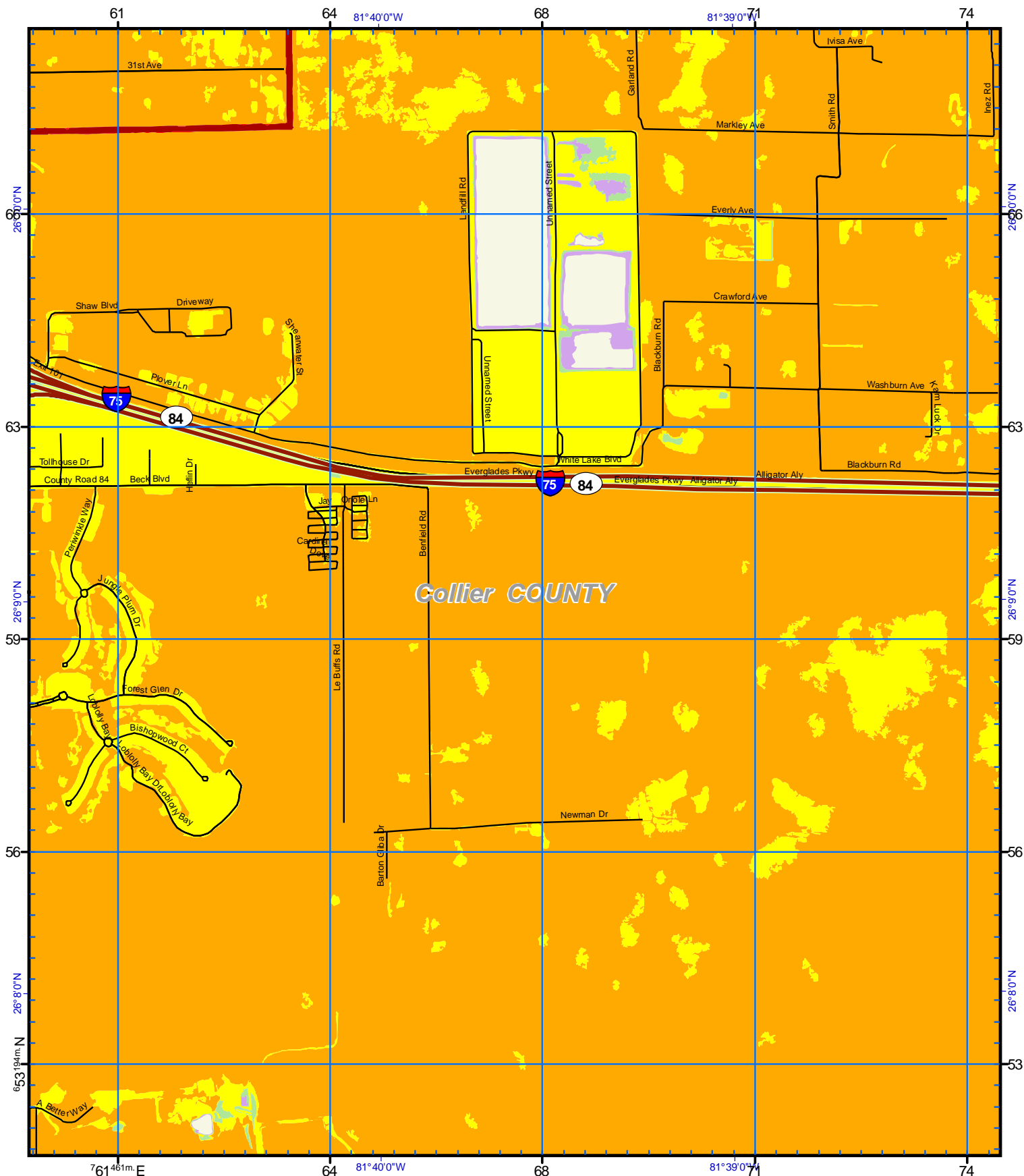
Legend

- Ref Point
- H HOSPITAL
- C City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 32 90

Map Plate 184

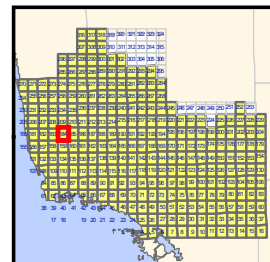
Page 202

Legend

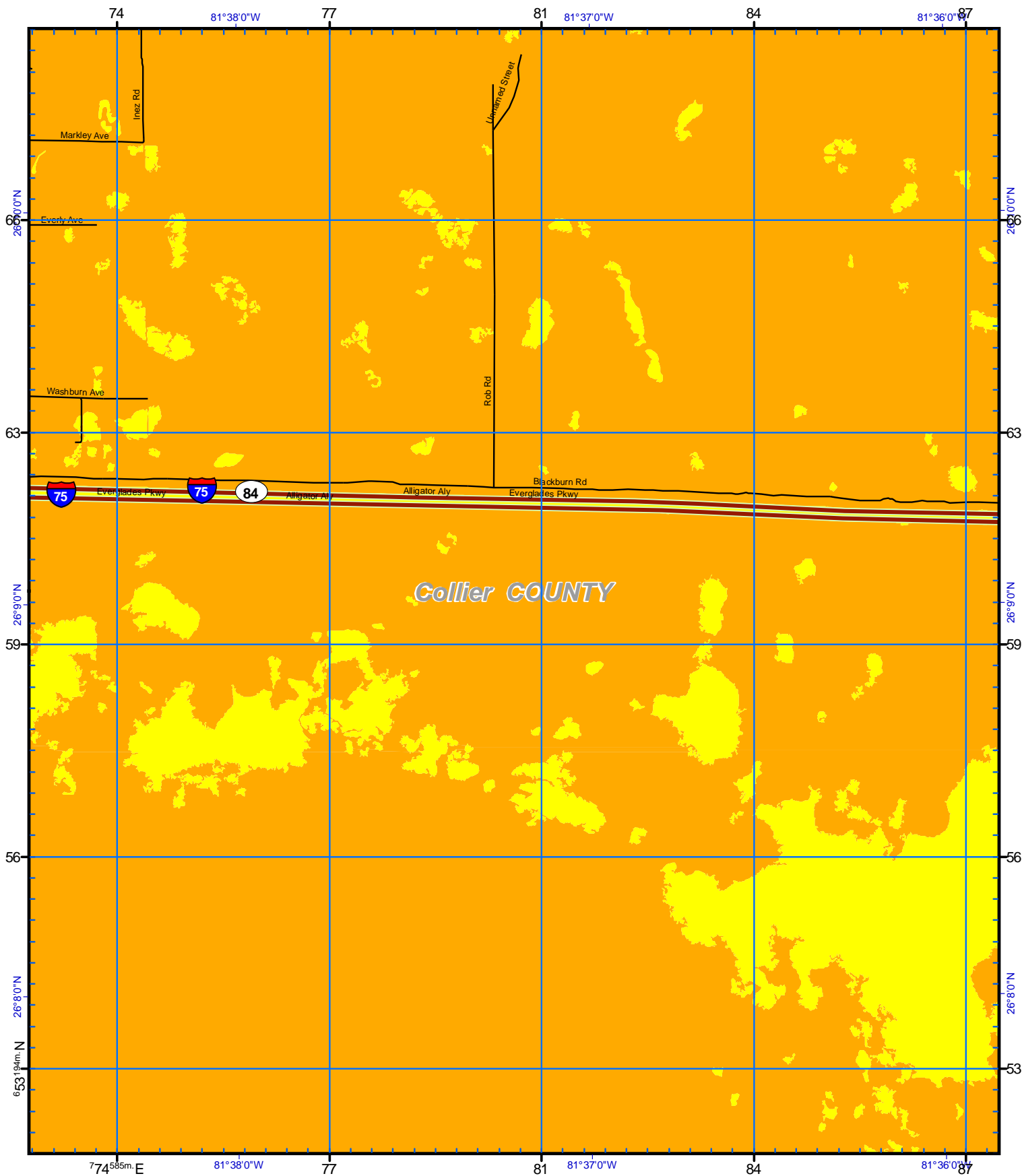
- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 36 90

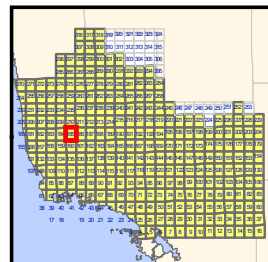
Map Plate 185

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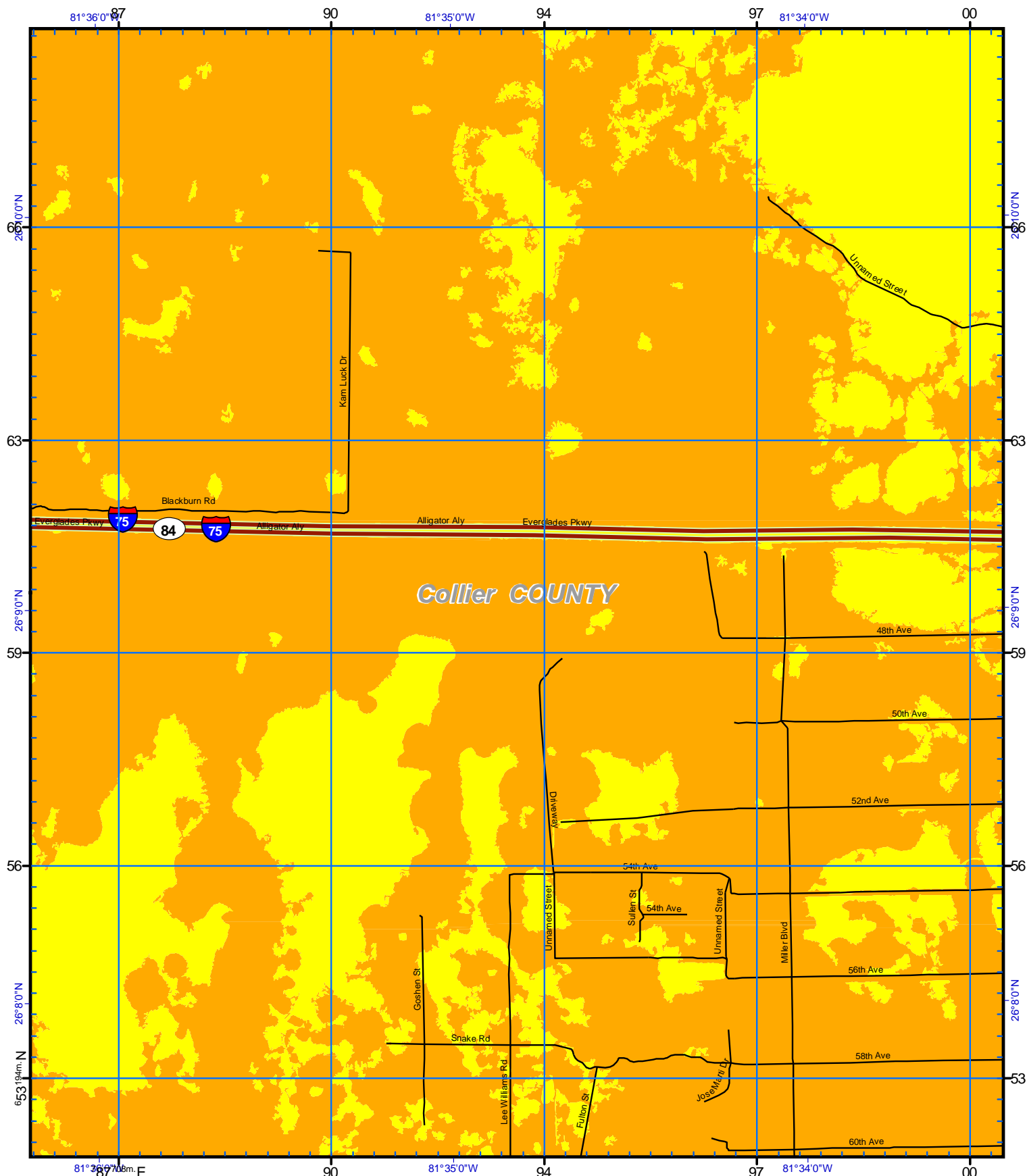
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 40 90**

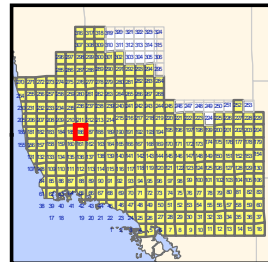
Map Plate **186**

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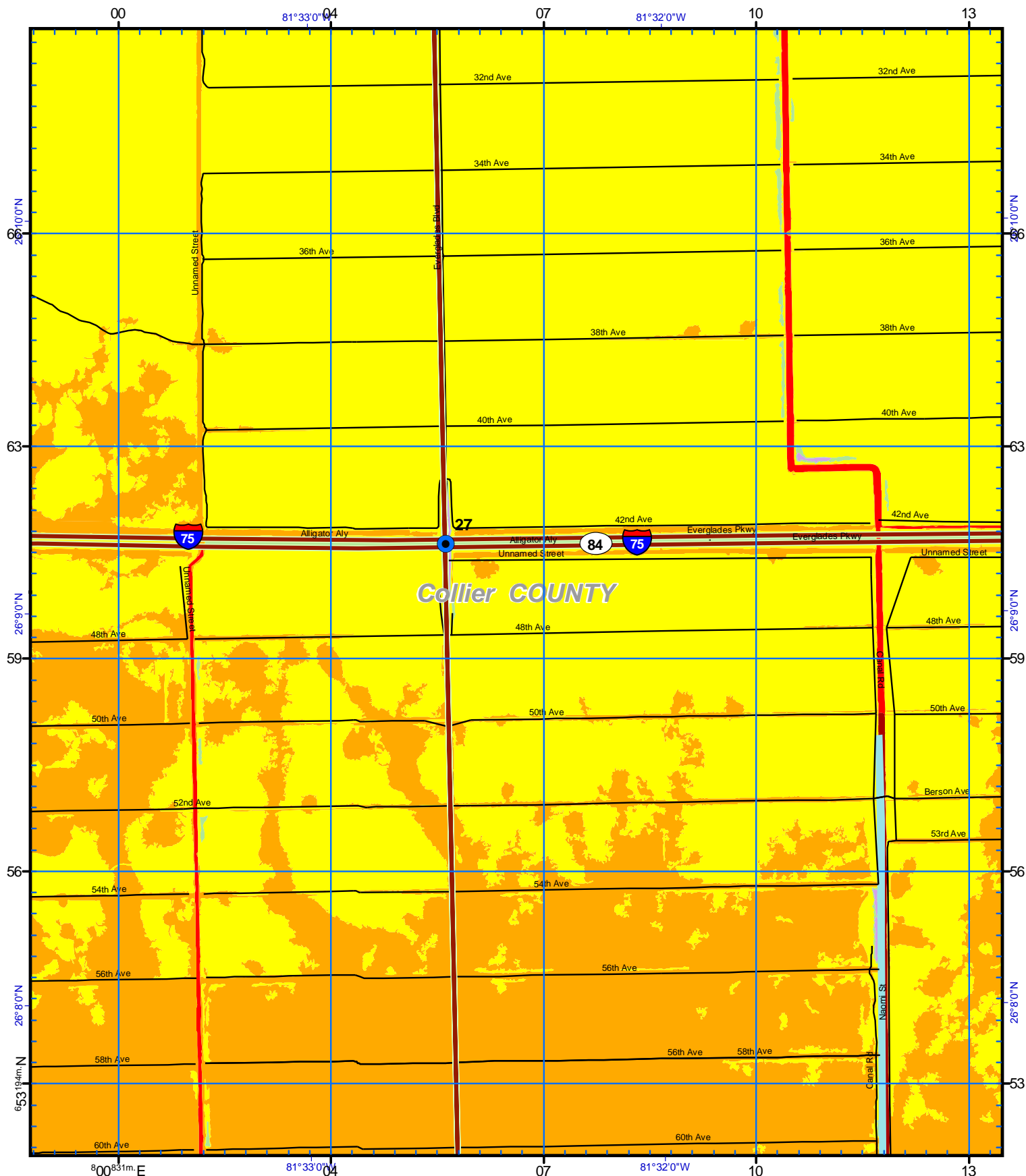
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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management implementation are local responsibilities.
Please consult with local authorities.



US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 44 90

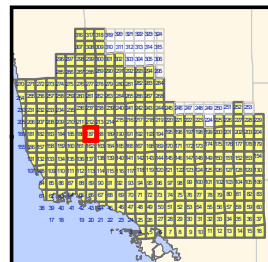
Map Plate 187

Page 205

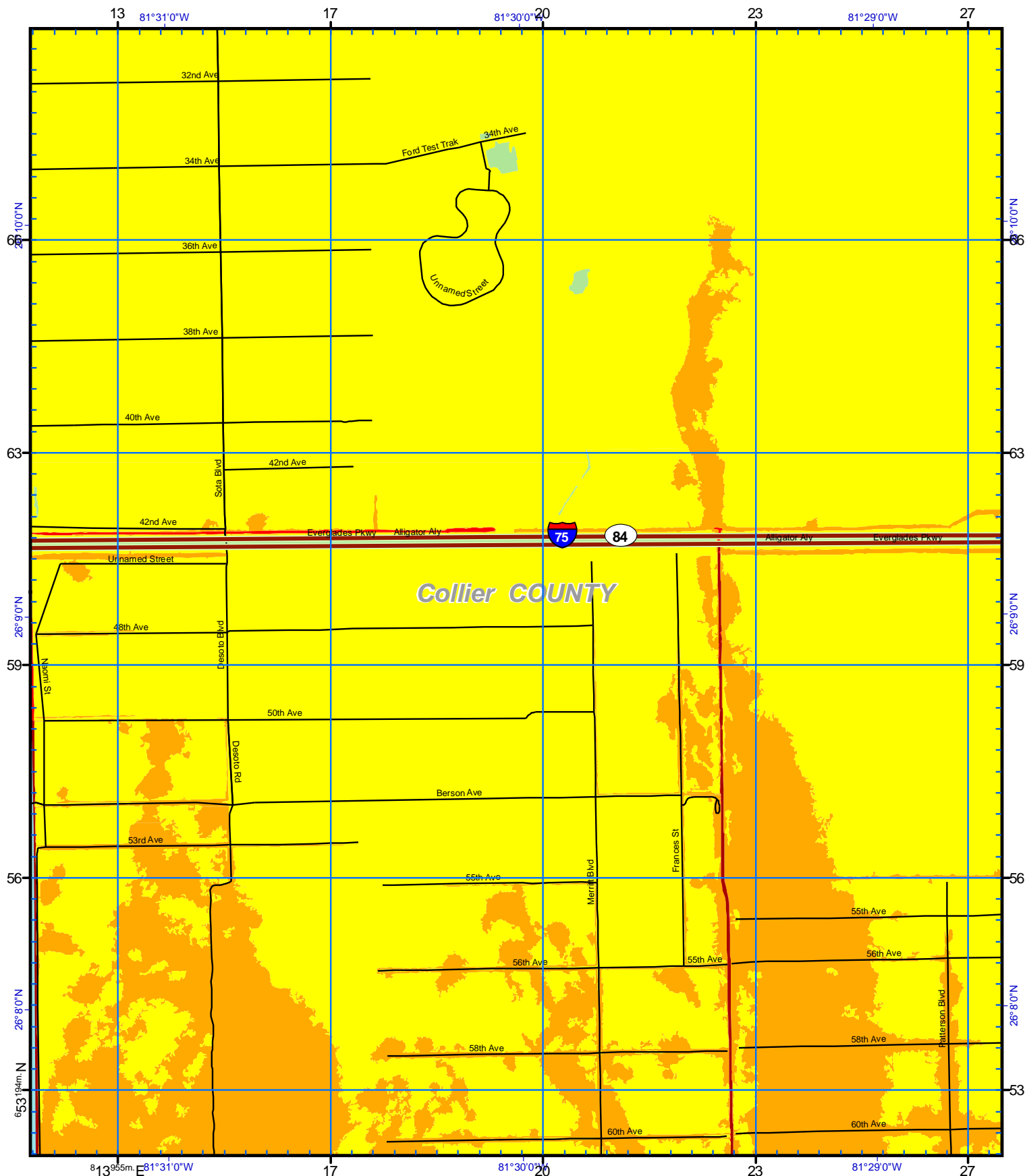
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 48 90

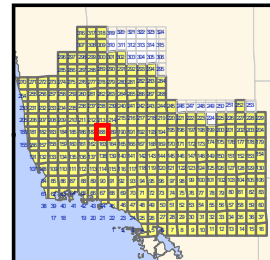
Map Plate 188

Page 206

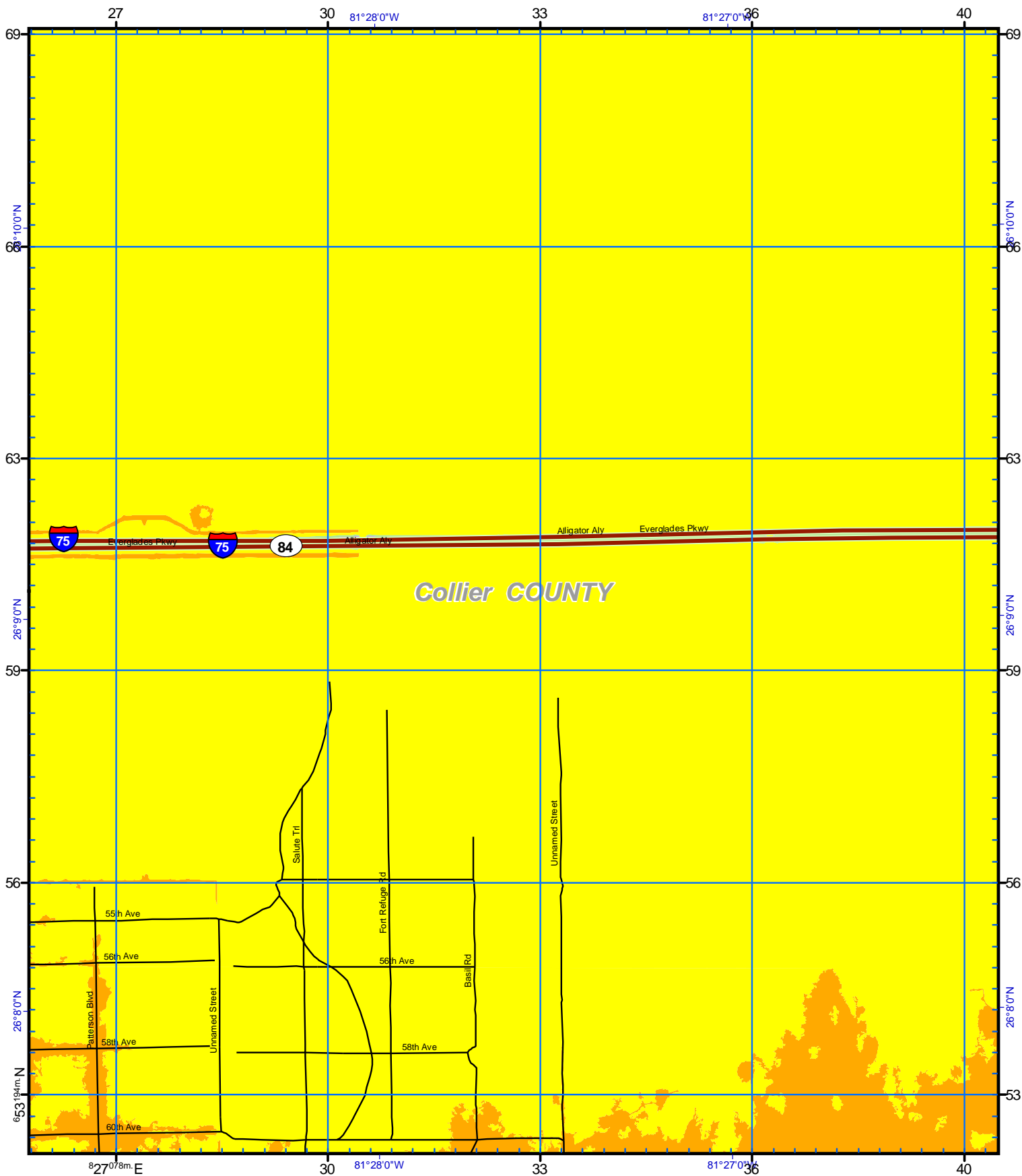
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 52 90

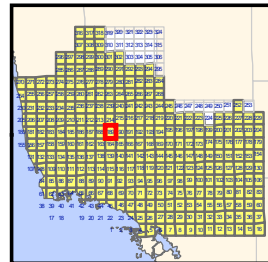
Map Plate 189

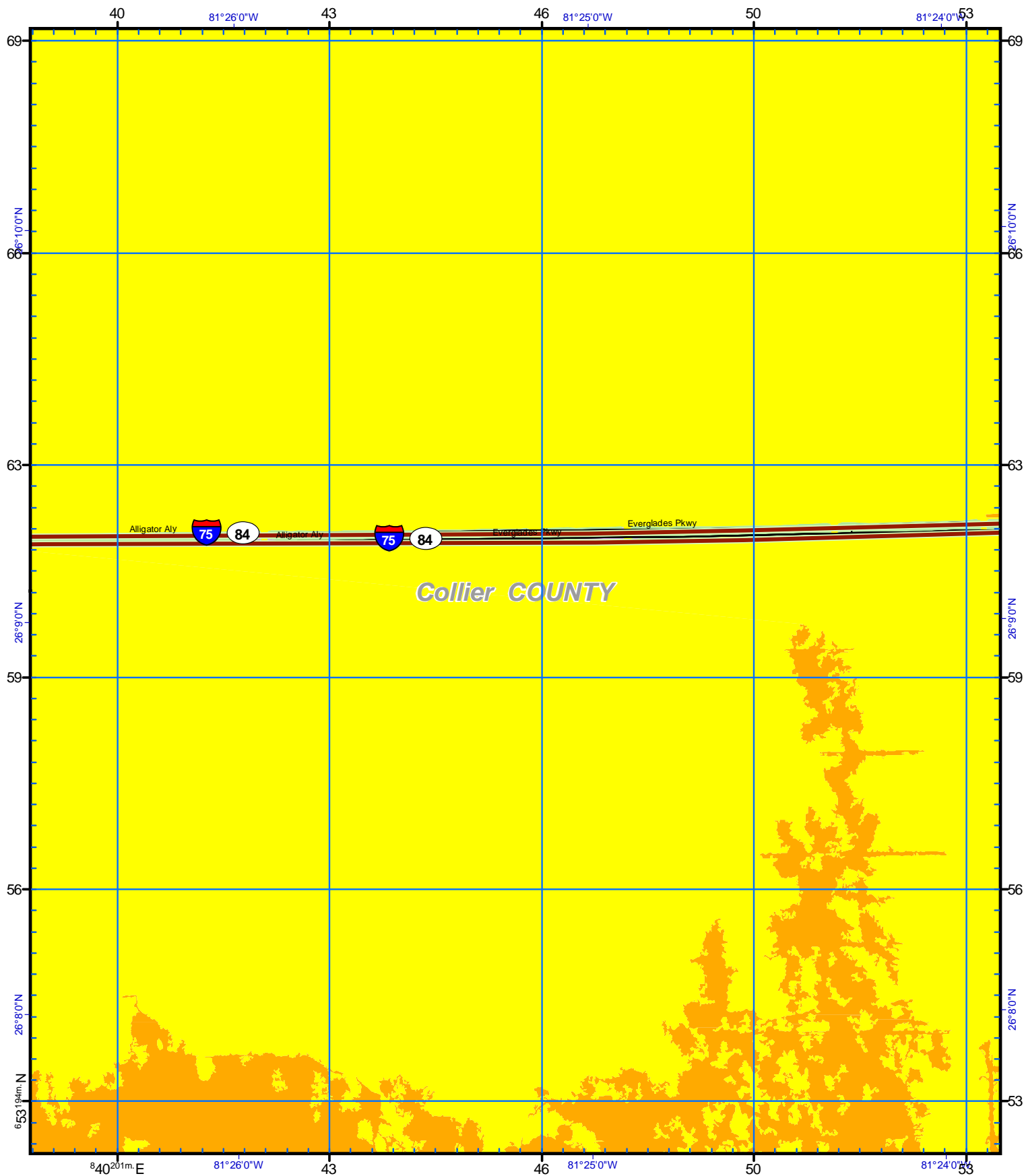
Page 207

Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 56 90

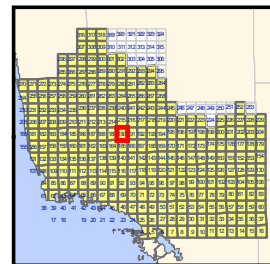
Map Plate 190

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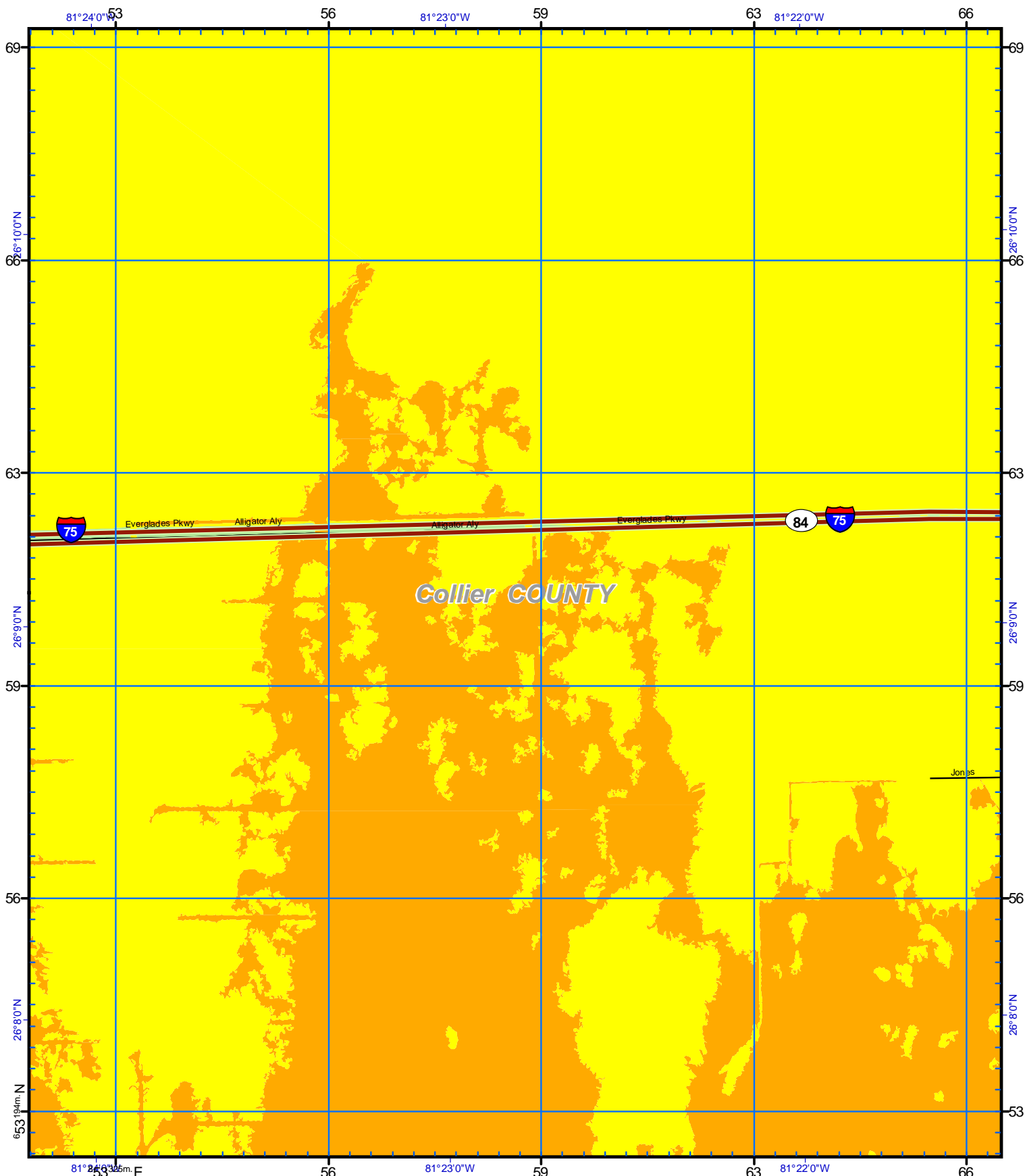
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 60 90

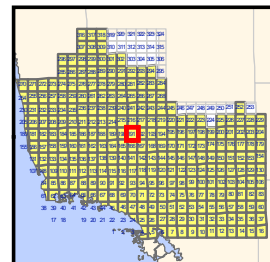
Map Plate 191

Page 209

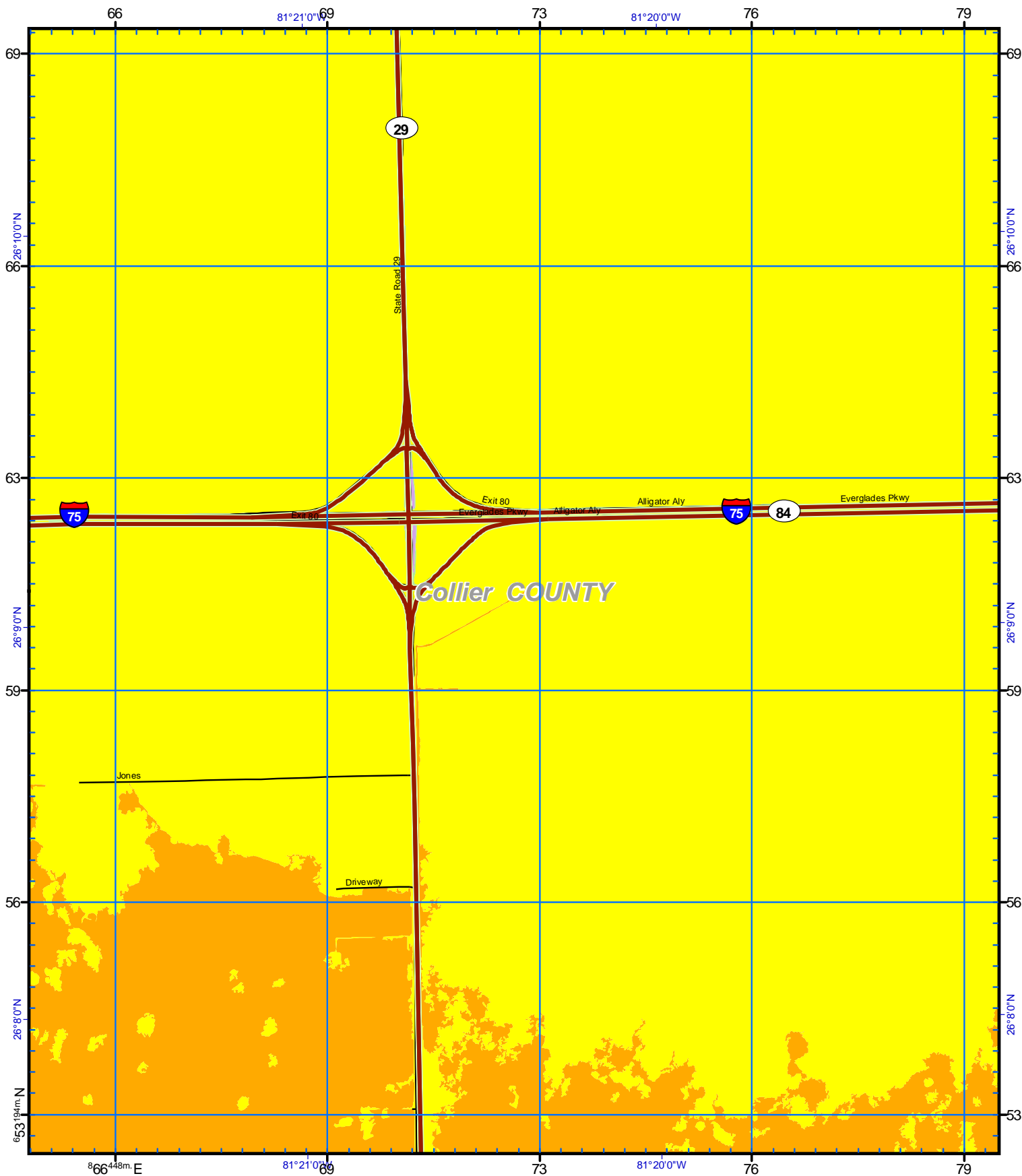
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 64 90

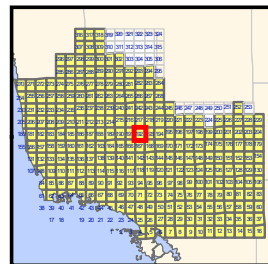
Map Plate 192

Page 210

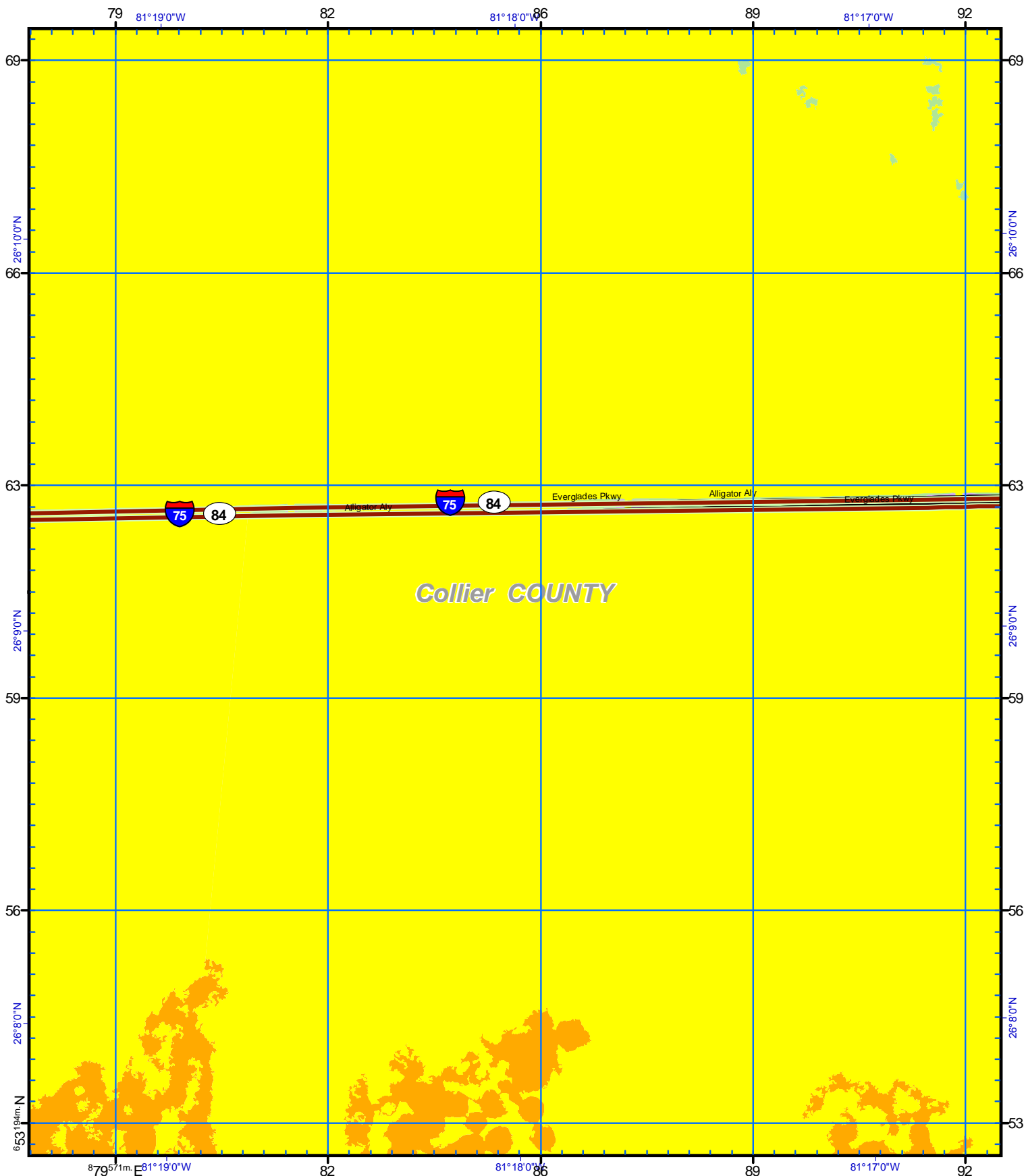
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

- | Cat | TS |
|-----|----|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |



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US National Grid
100,000-m Square ID
MJ

Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

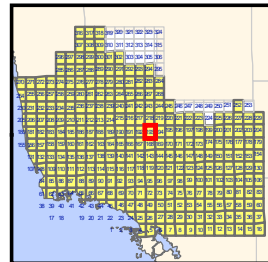
USNG Page **17R MJ 68 90**

Map Plate **193**

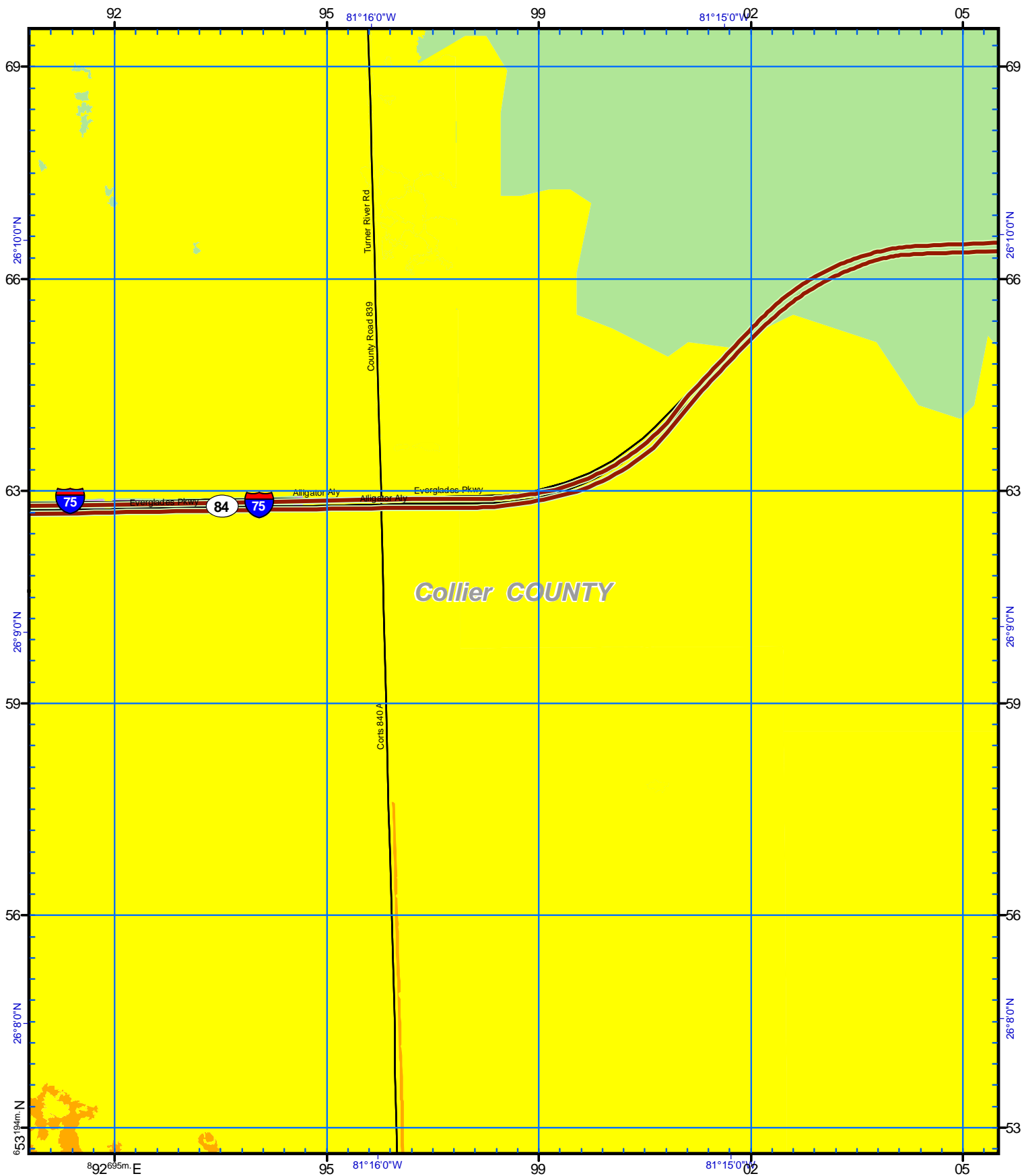
Page 211

Legend

	Ref Point	Cat
	HOSPITAL	TS
	City Limits	1
	Evac Route	2
	WATER	3
		4
		5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 72 90

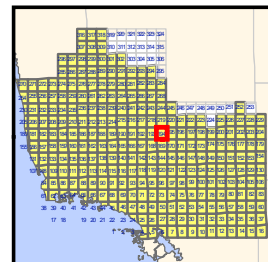
Map Plate 194

Page 212

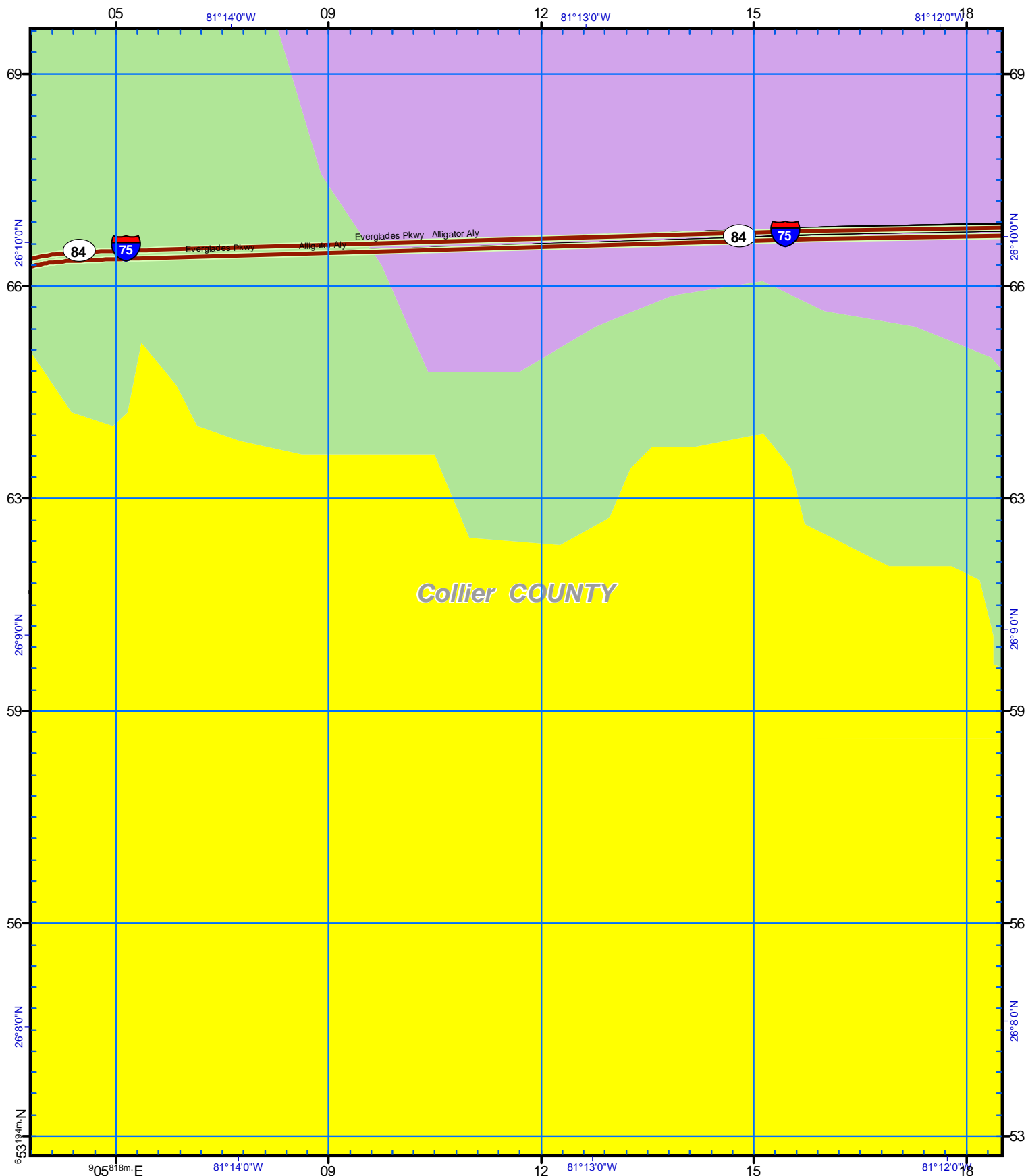
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
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MJ
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 76 90

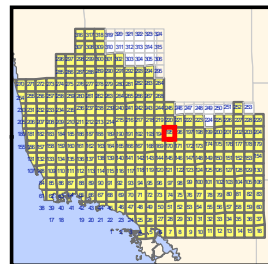
Map Plate 195

Page 213

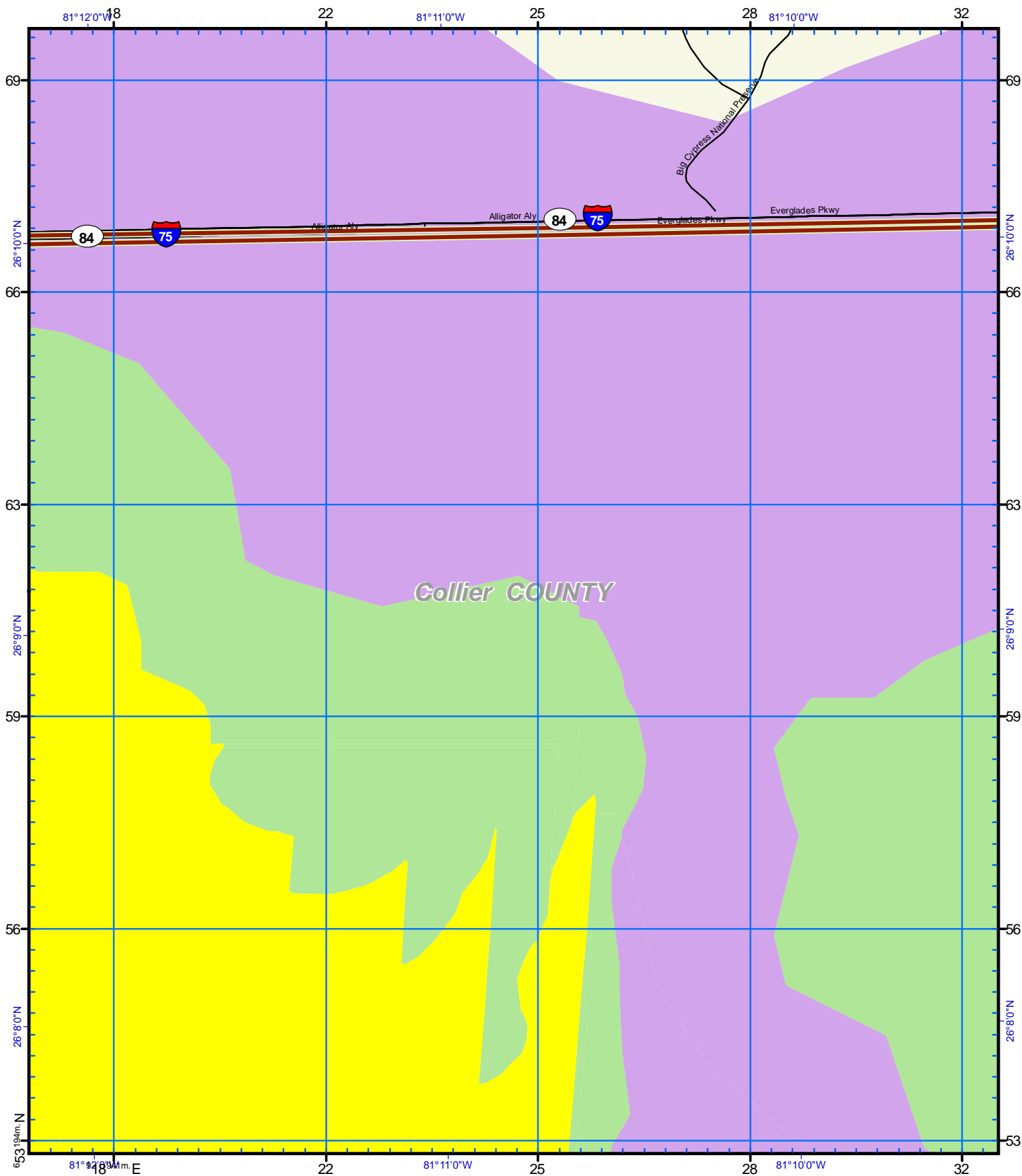
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬡ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MJ
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17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 80 90

Map Plate 196

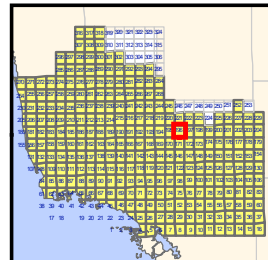
Page 214

Legend

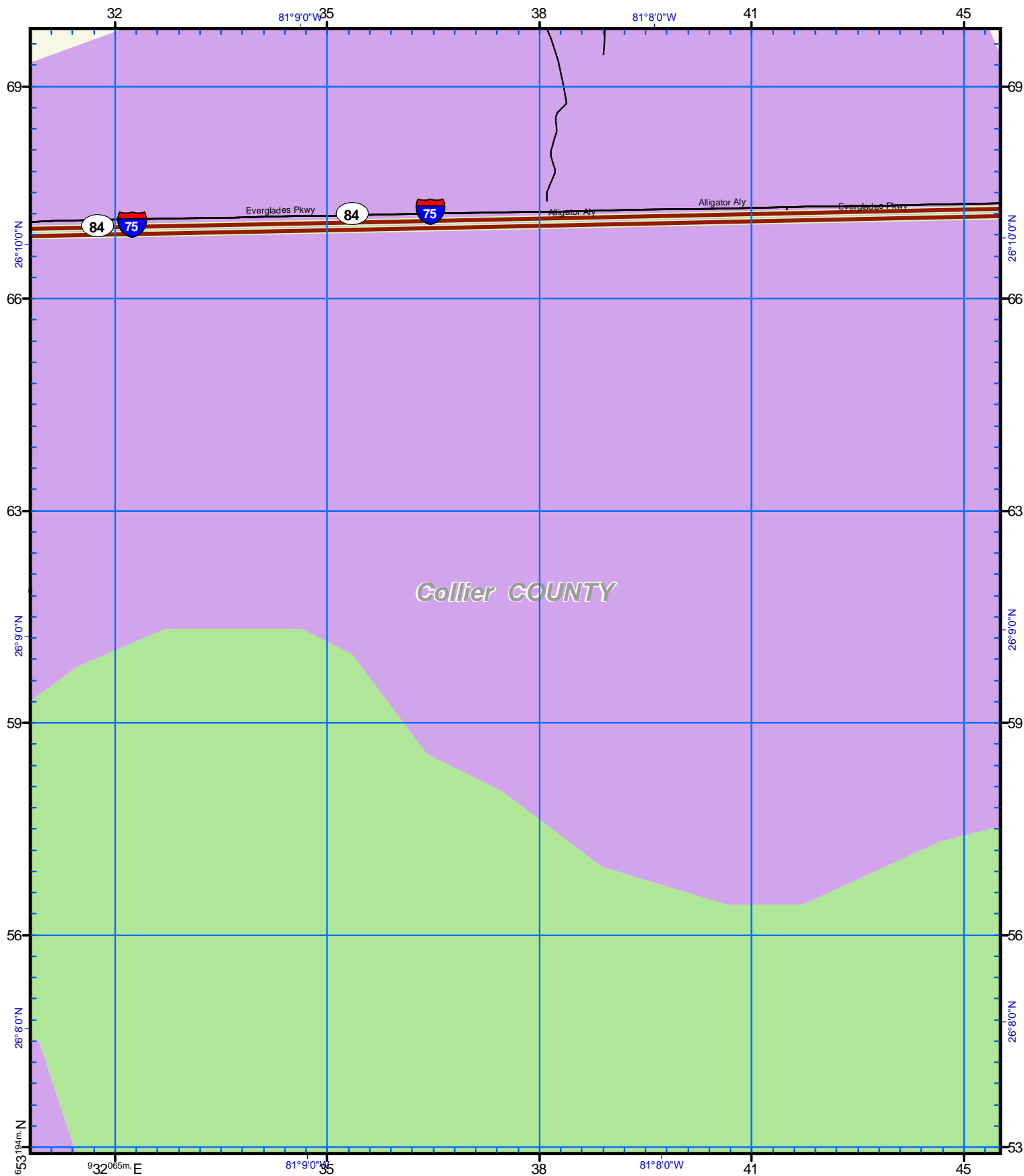
- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

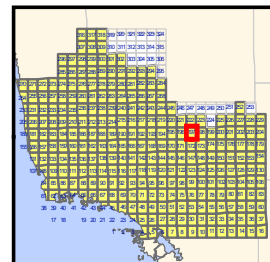
USNG Page 17R MJ 84 90

Map Plate 197

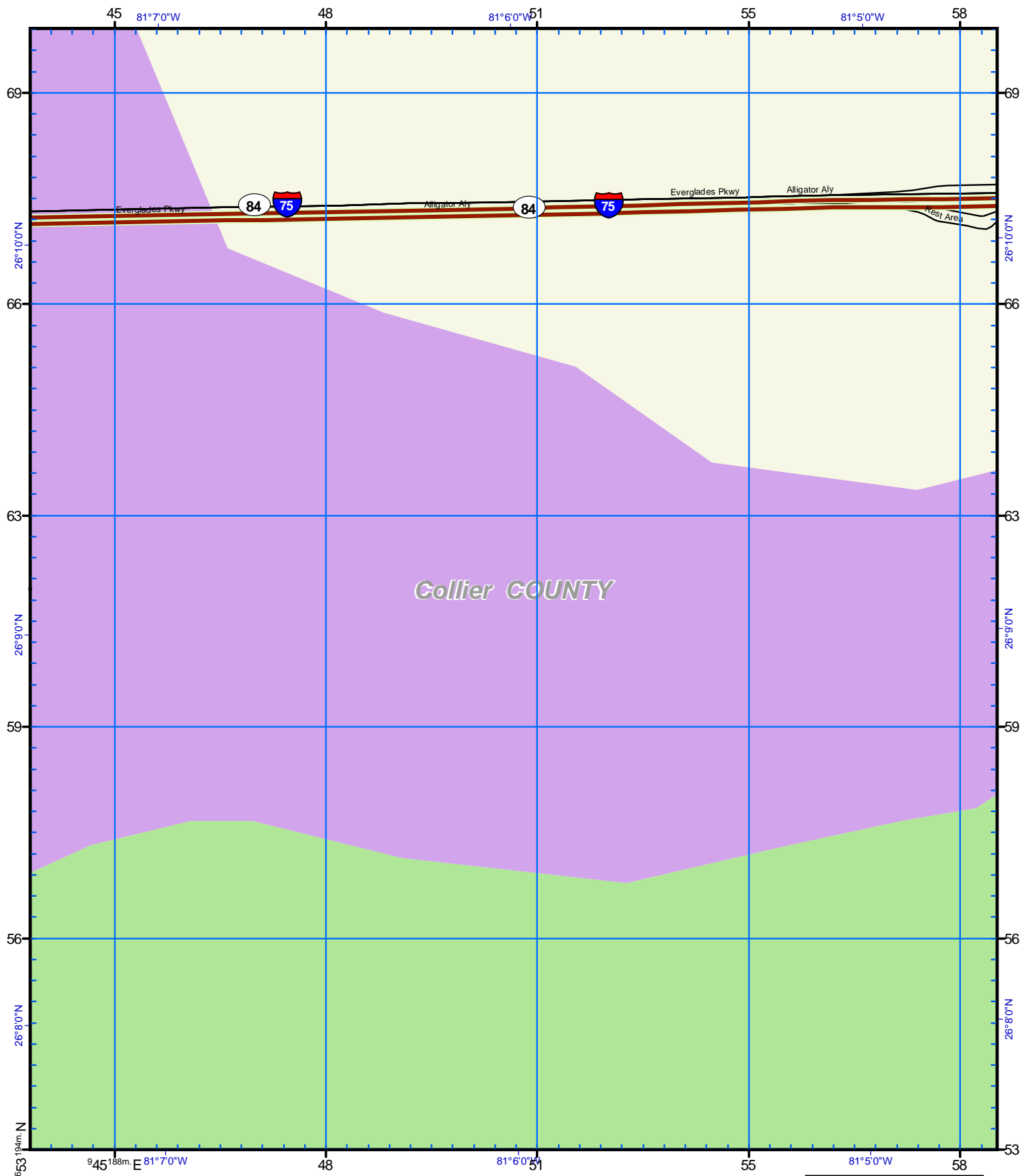
Page 215

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
□	WATER	3	
		4	
		5	



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US National Grid
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MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

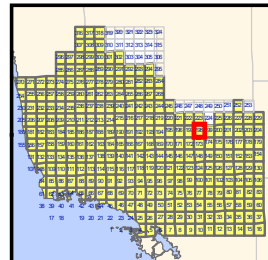
USNG Page 17R MJ 88 90

Map Plate 198

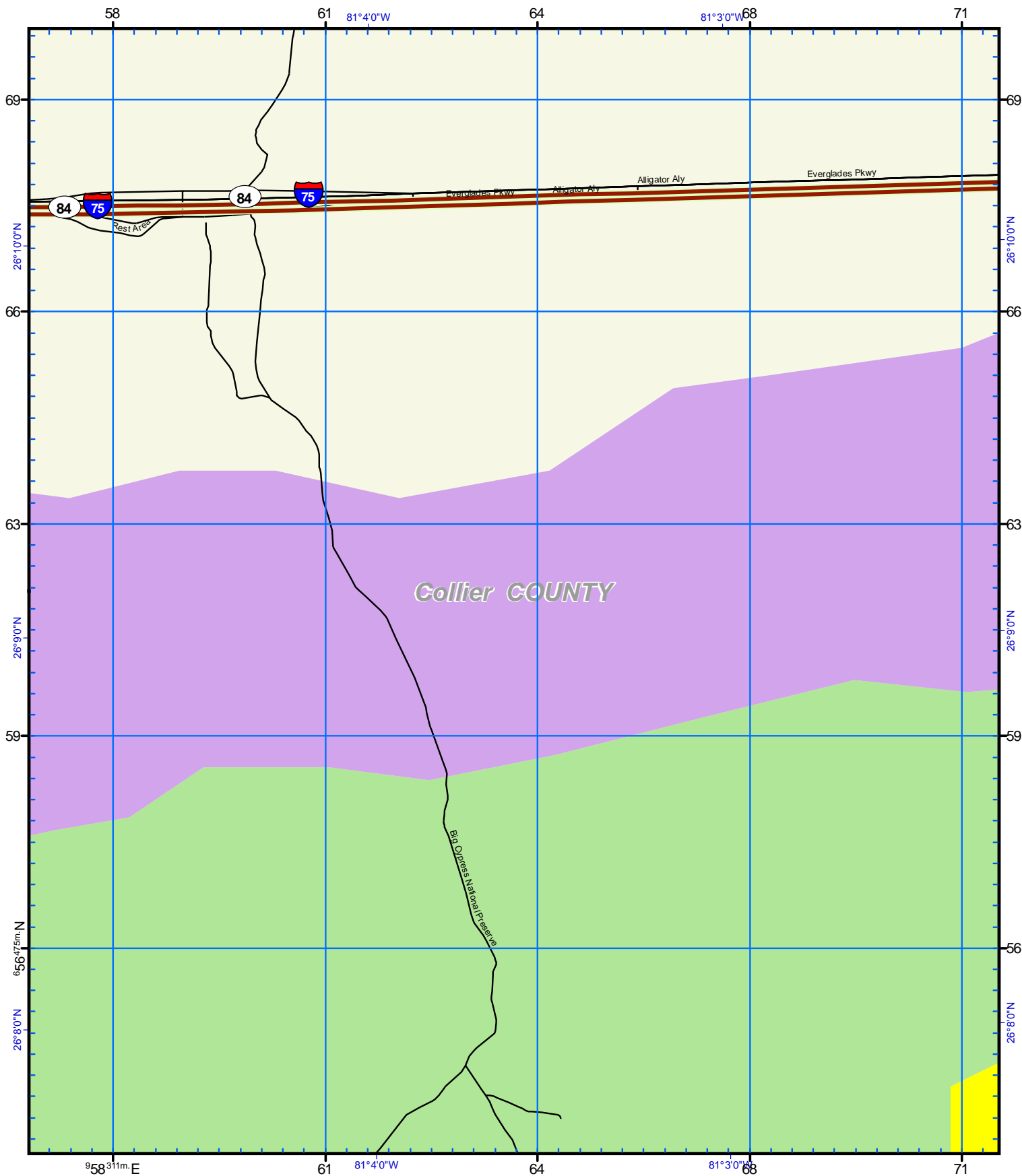
Page 216

Legend

- Ref Point
 - H HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

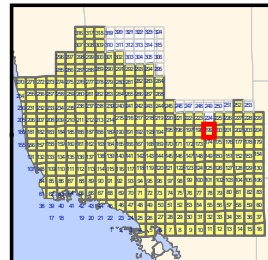
USNG Page 17R MJ 92 90

Map Plate 199

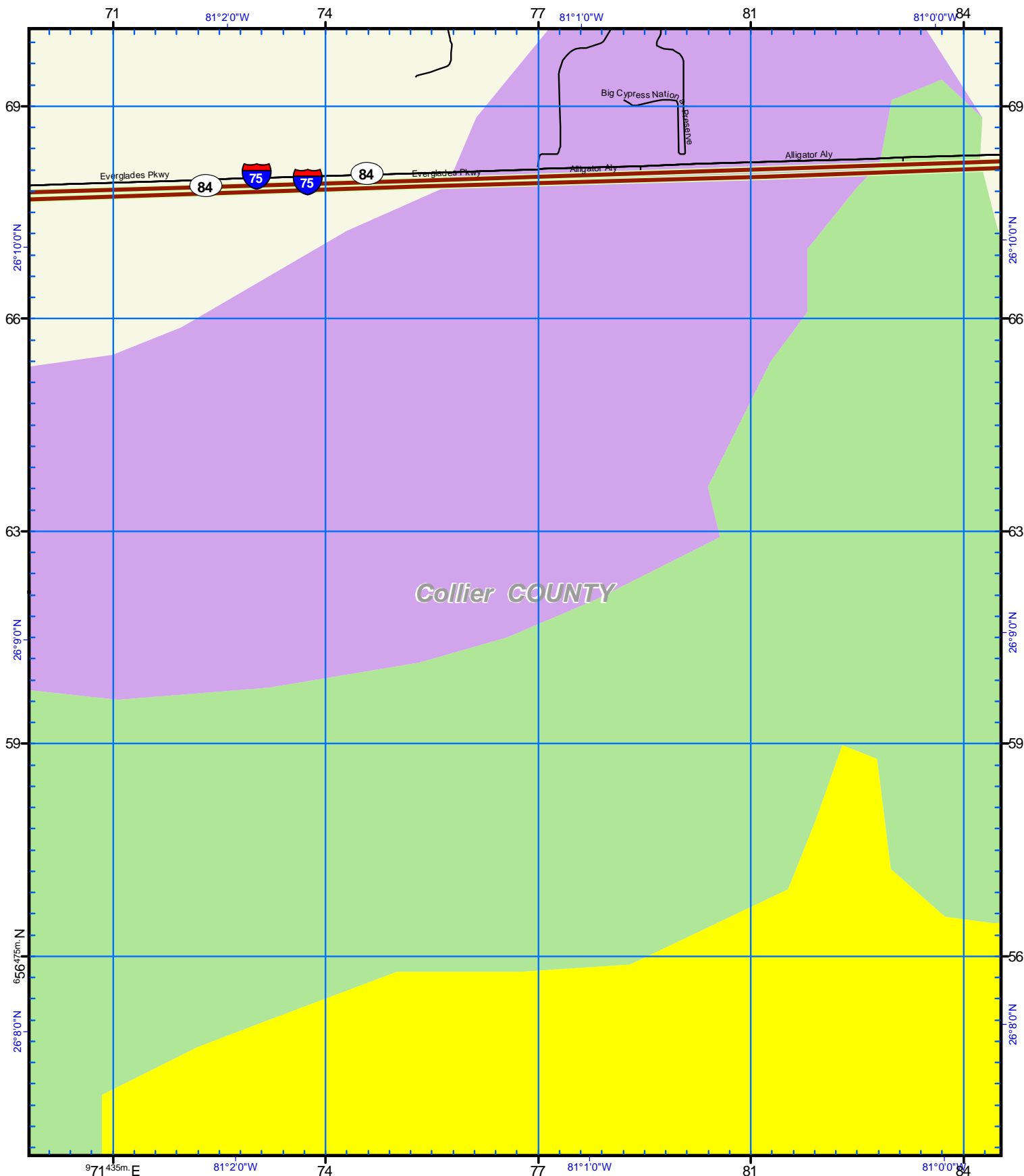
Page 217

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
■	WATER	3	
		4	
		5	



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US National Grid
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MJ
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 96 90**

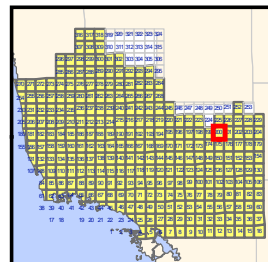
Map Plate **200**

Page 218

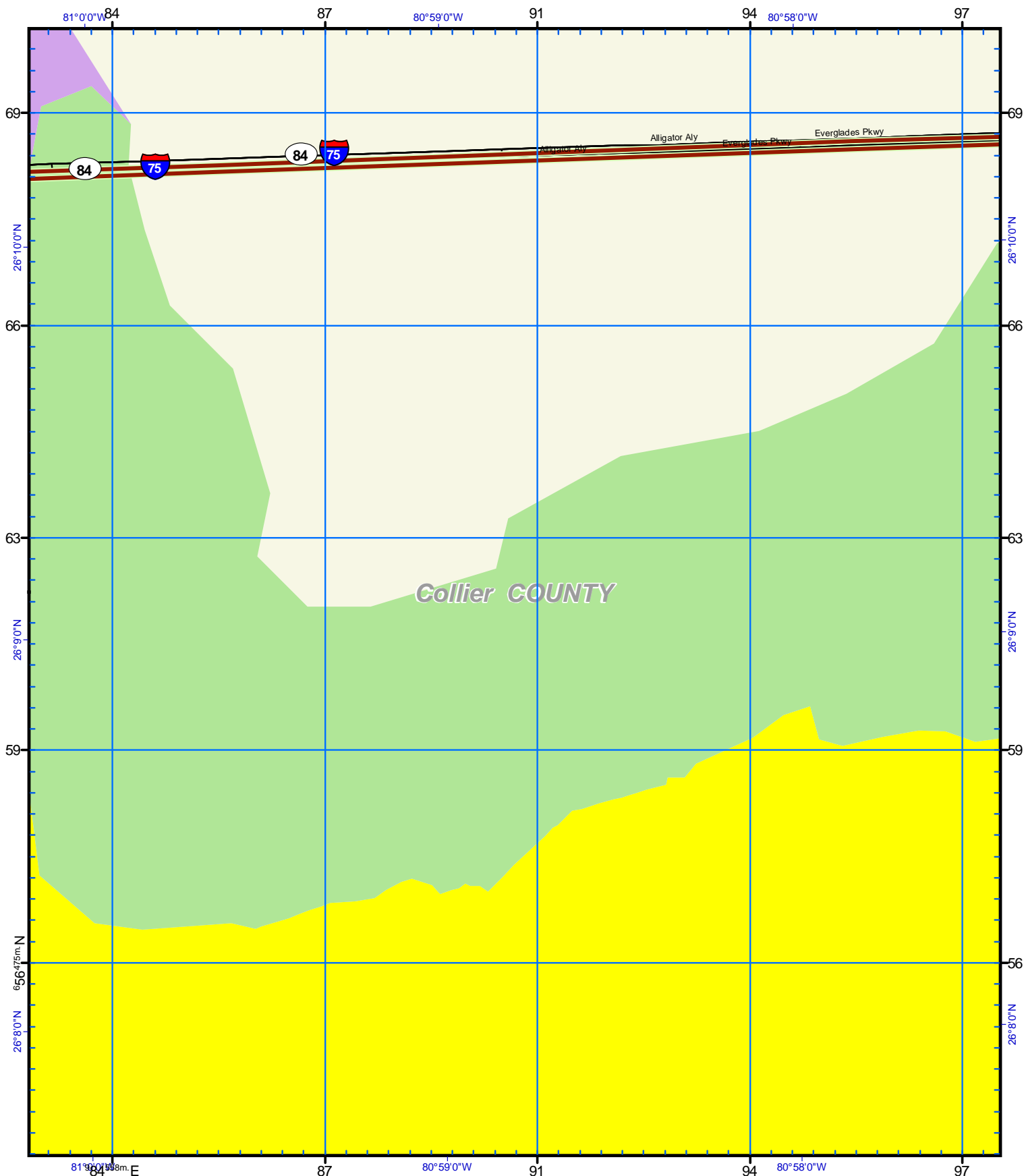
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Map Deformation
4°31'W
Changing by
5\"/>

Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 00 90**

Map Plate **201**

Page 219

Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

TS

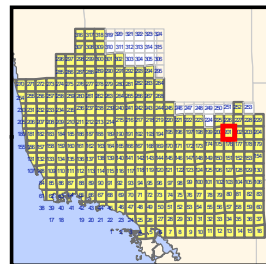
1

2

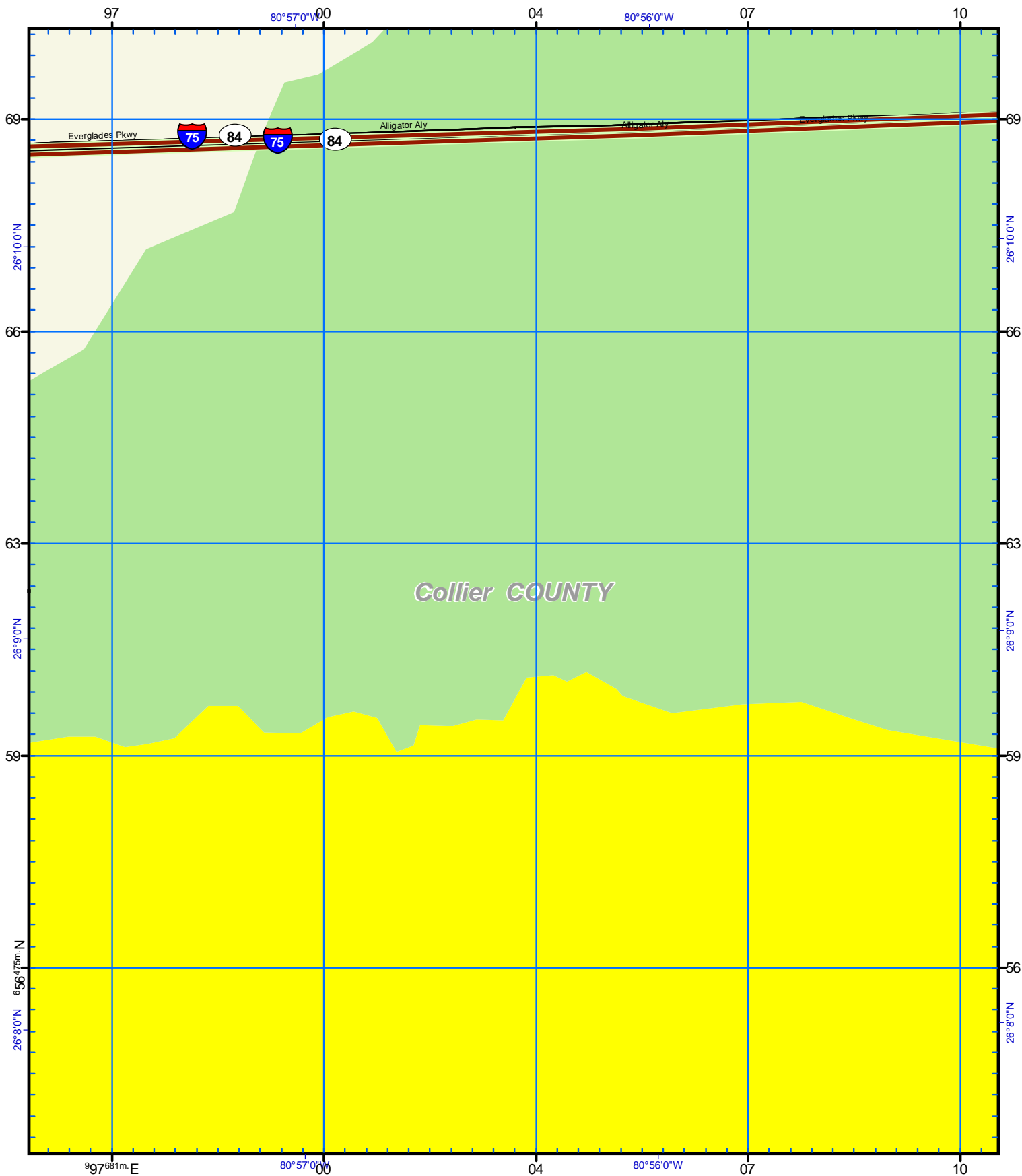
3

4

5



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US National Grid
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NJ
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R NJ 04 90

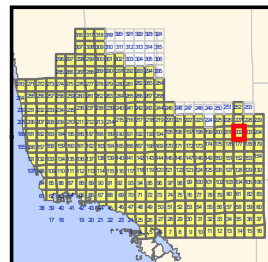
Map Plate 202

Page 220

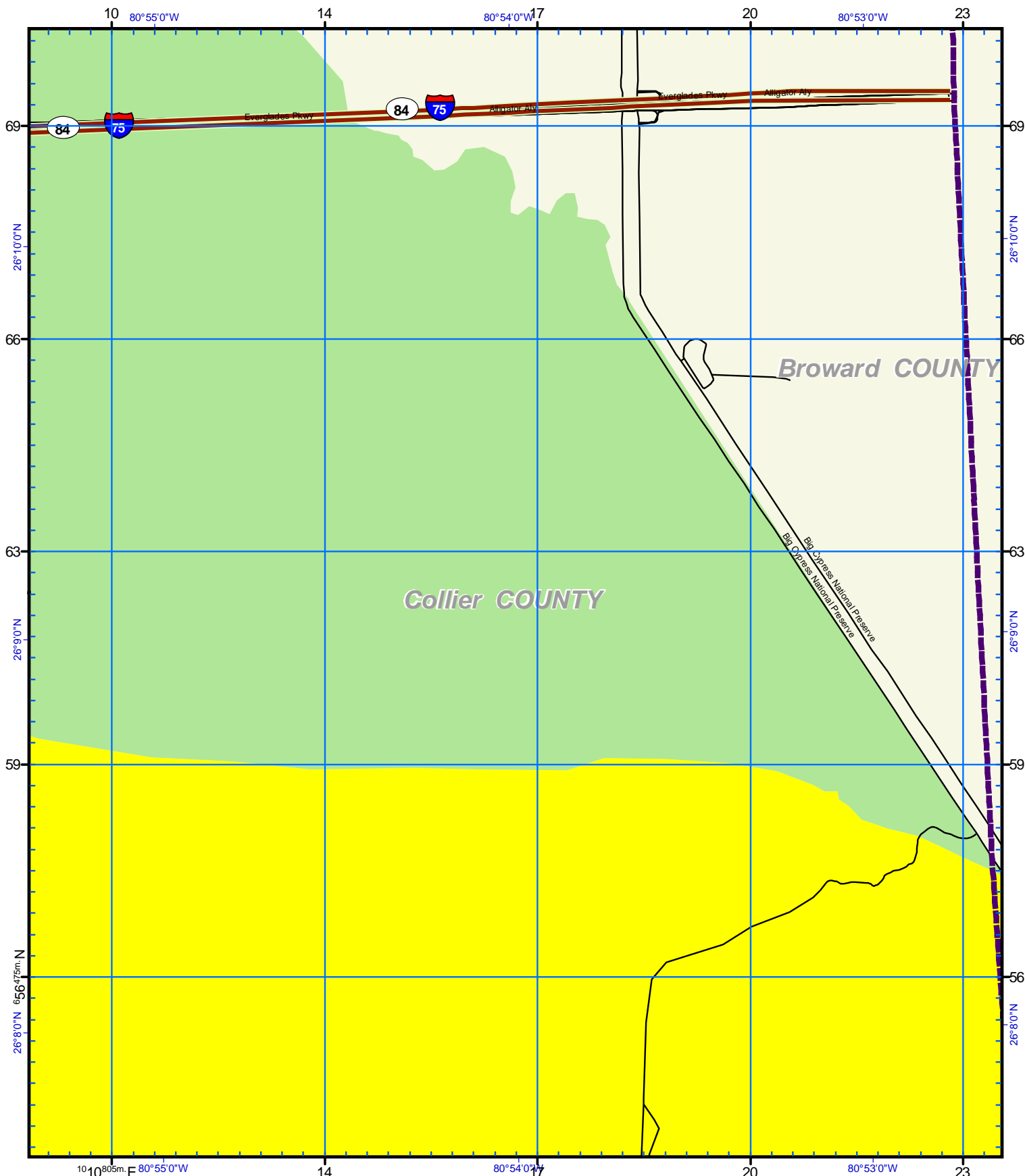
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
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Grid Zone Designation
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R NJ 08 90**

Map Plate **203**

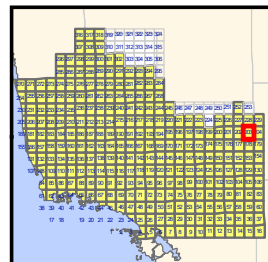
Page 221

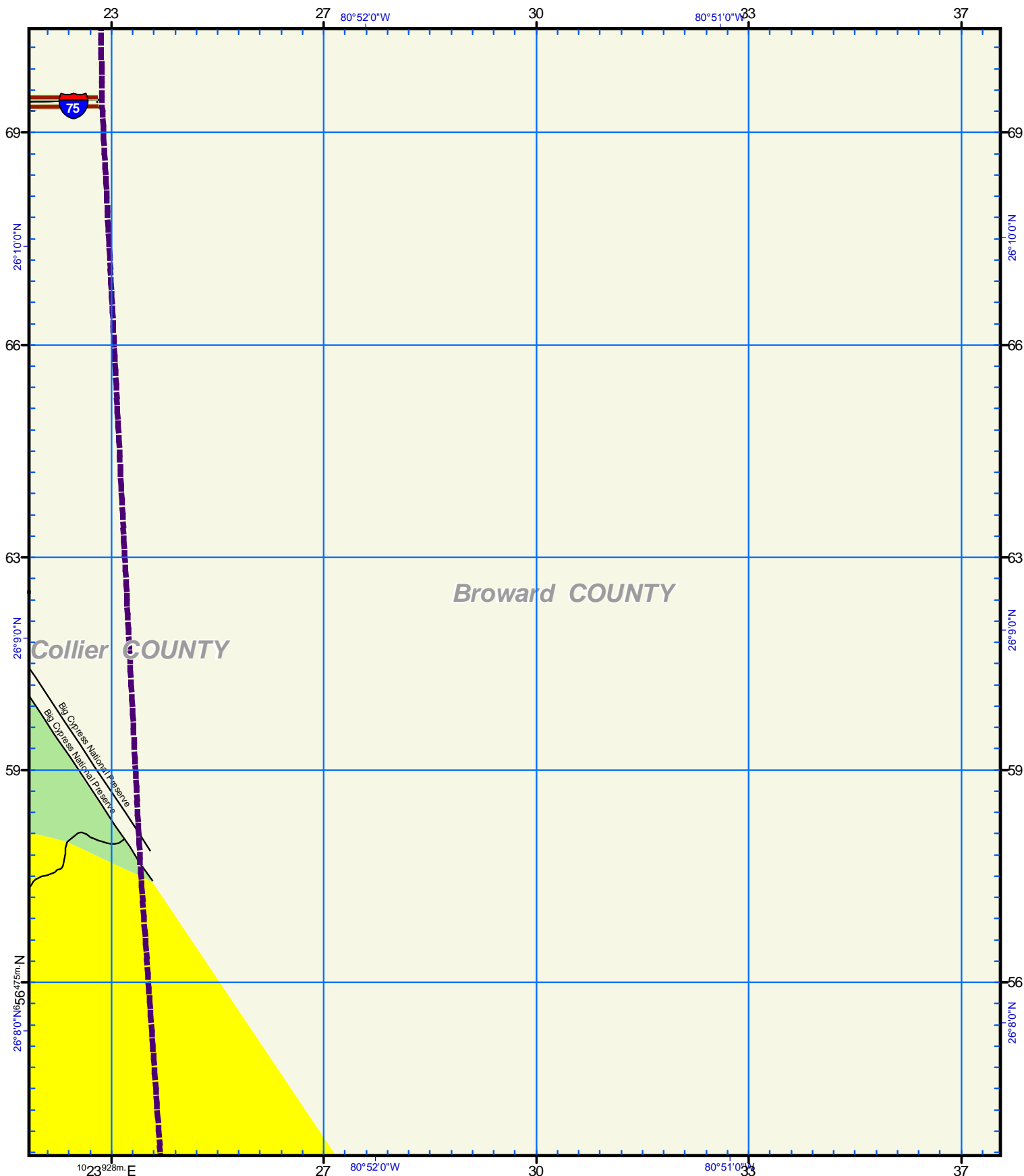
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |

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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Map Declination
4°31'W
Changing by
5" W per yr
Date 2009

Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

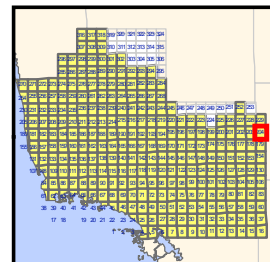
USNG Page 17R NJ 12 90

Map Plate 204

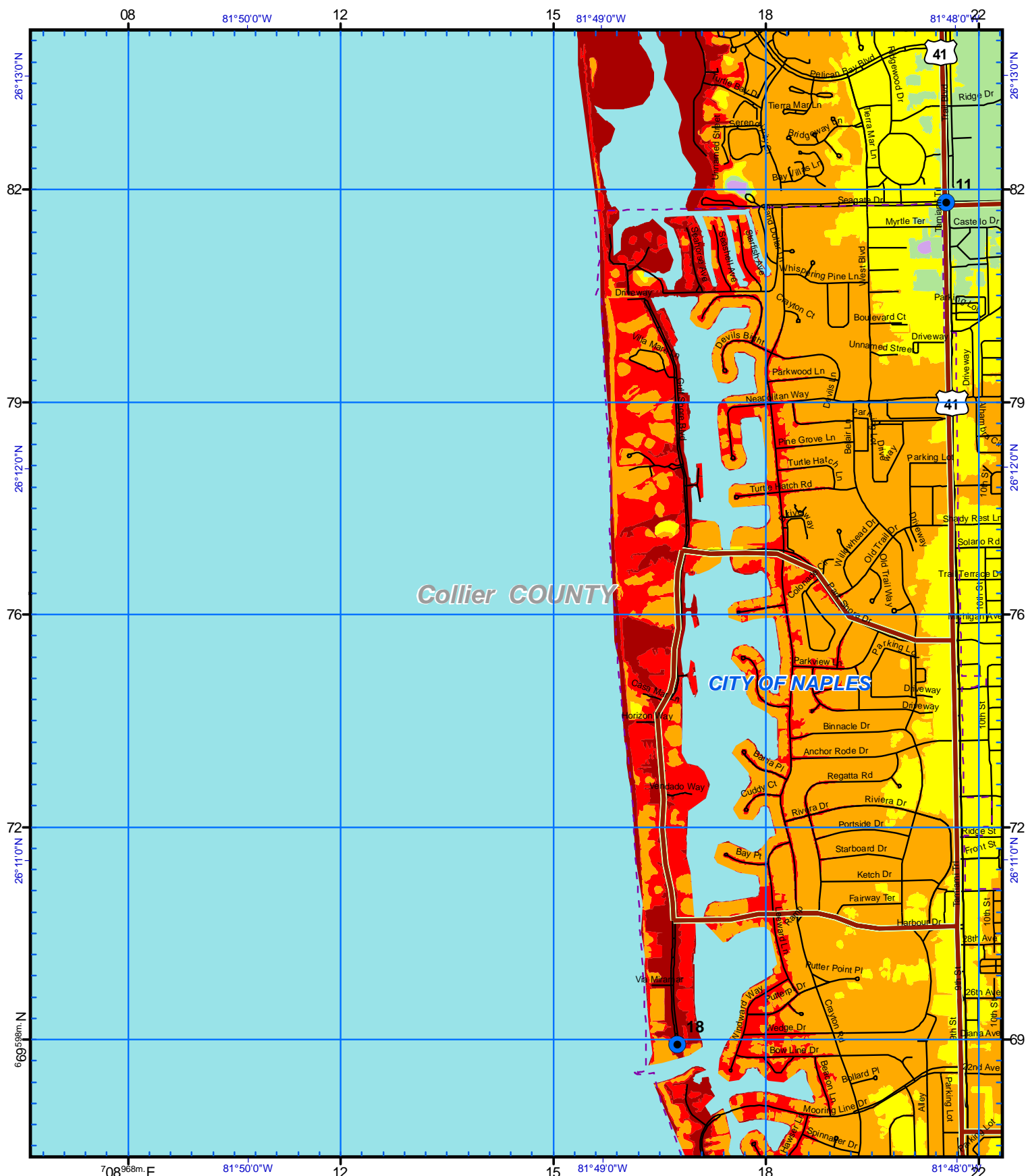
Page 222

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
□	WATER	3	
		4	
		5	



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US National Grid
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MJ
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17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 16 95

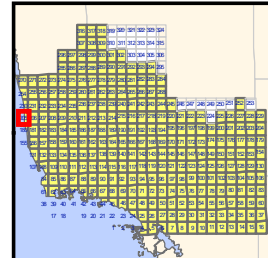
Map Plate 205

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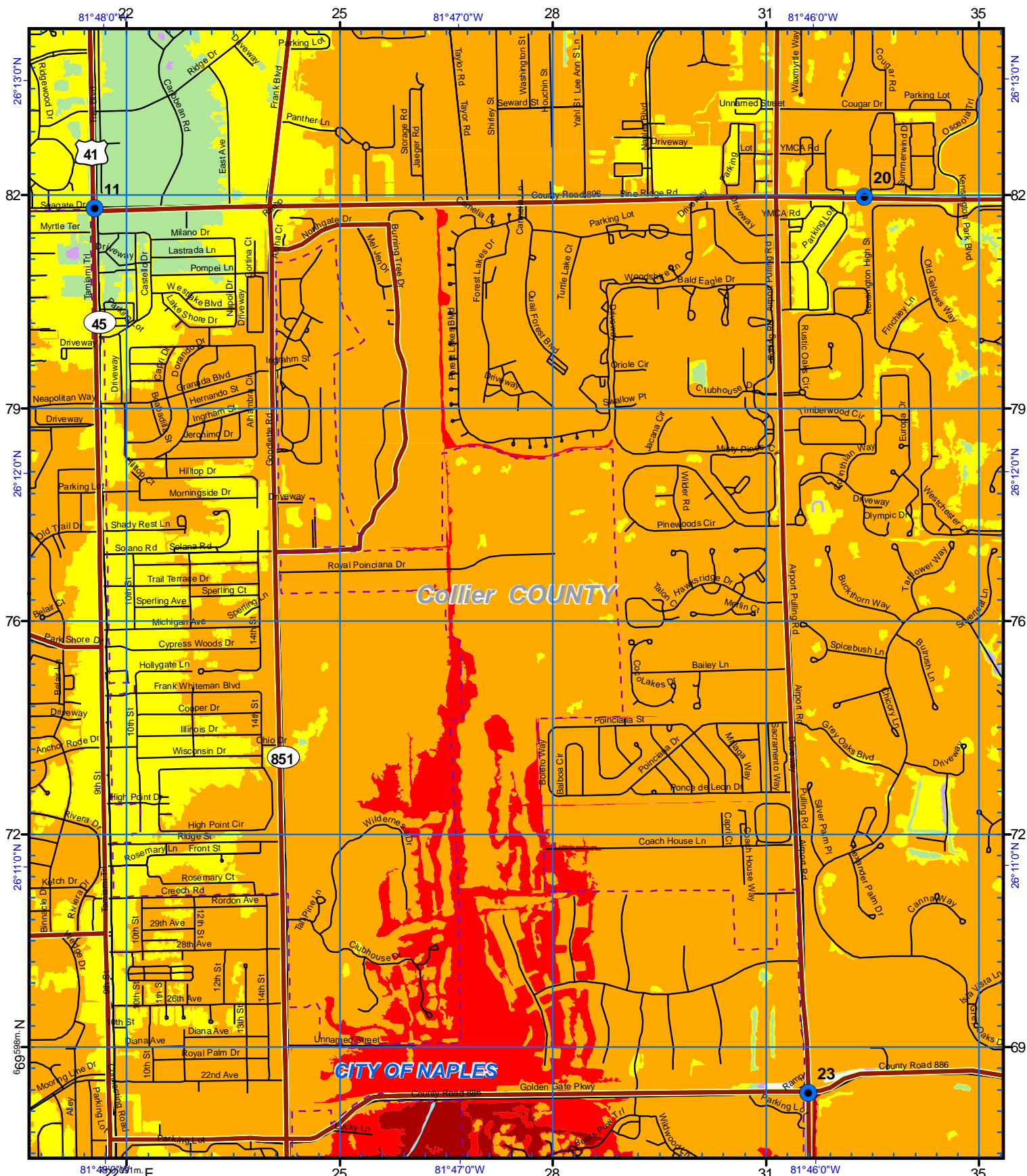
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬢ City Limits
- Evac Route
- WATER

Cat	TS
1	1
2	2
3	3
4	4
5	5



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management implementation are local responsibilities.
Please consult with local authorities.



US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



- Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 20 95

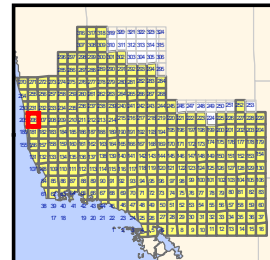
Map Plate 206

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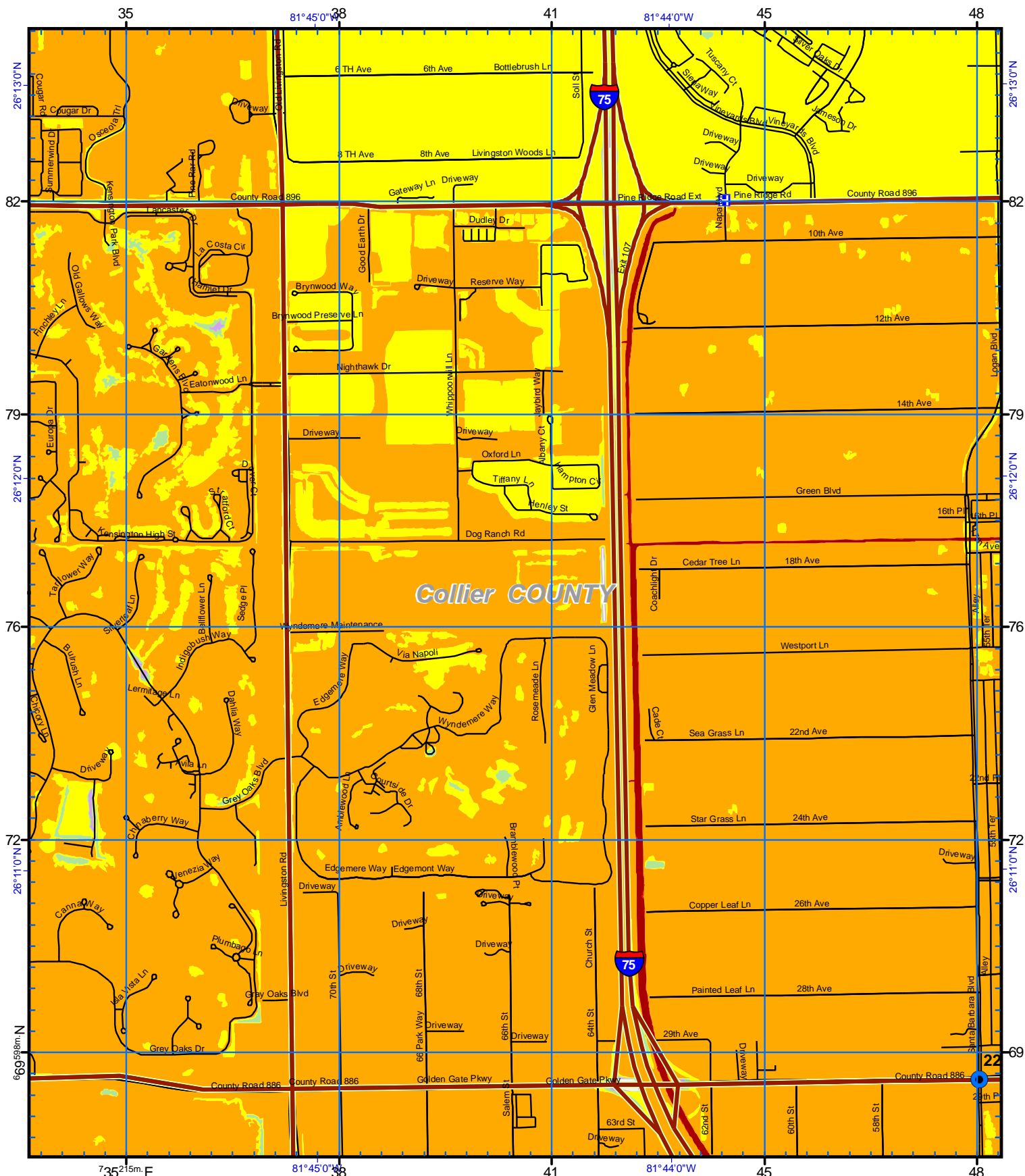
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	■
2	■
3	■
4	■
5	■



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 24 95

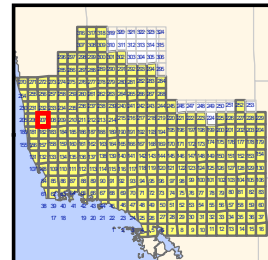
Map Plate 207

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Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 28 95

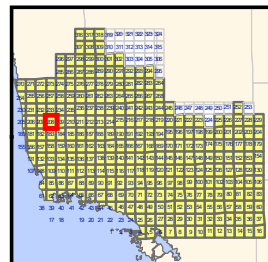
Map Plate 208

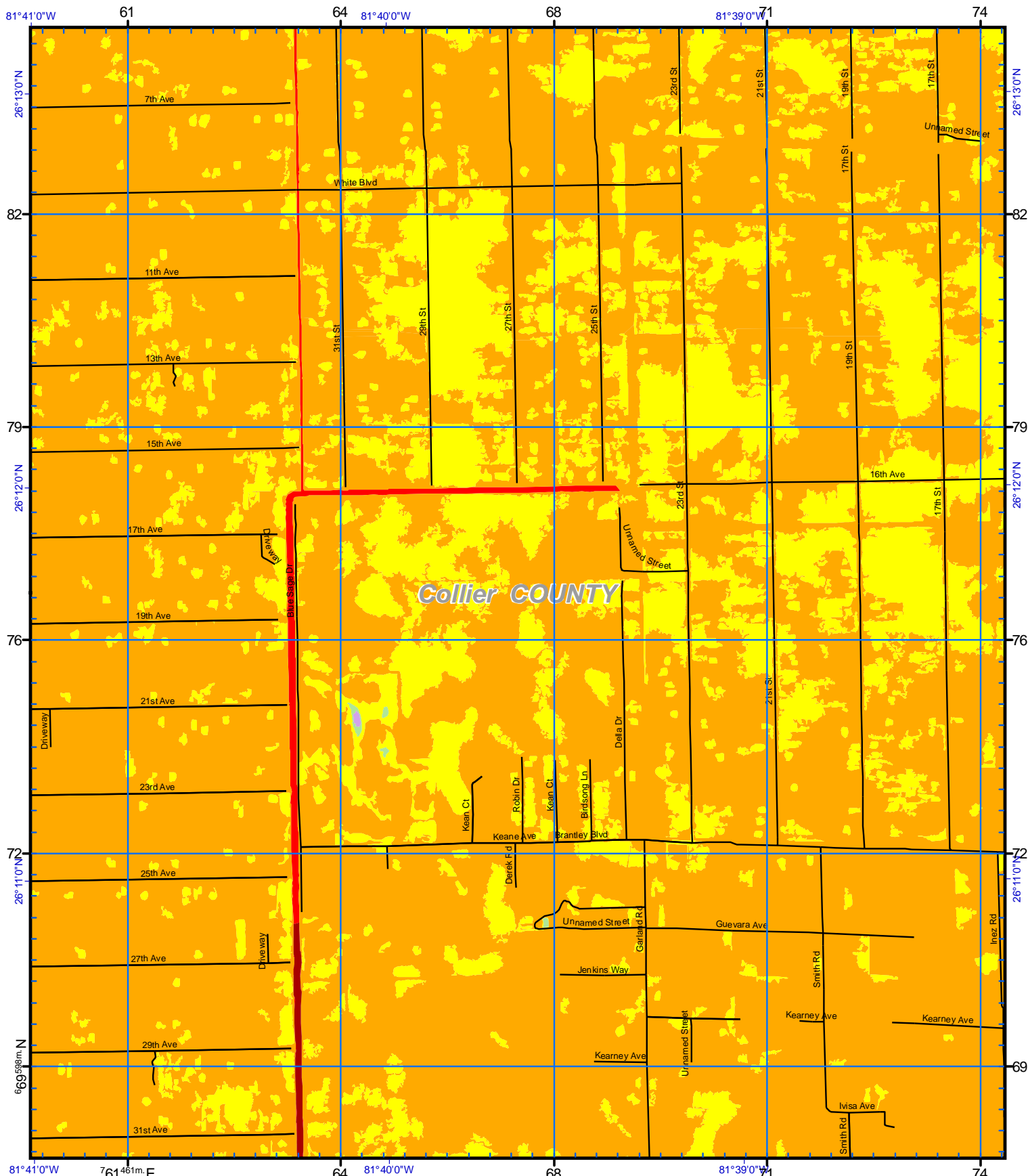
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Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	1
2	2
3	3
4	4
5	5





US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 32 95**

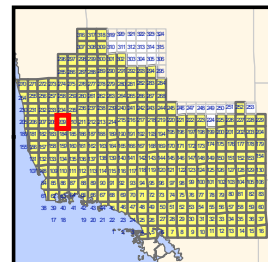
Map Plate **209**

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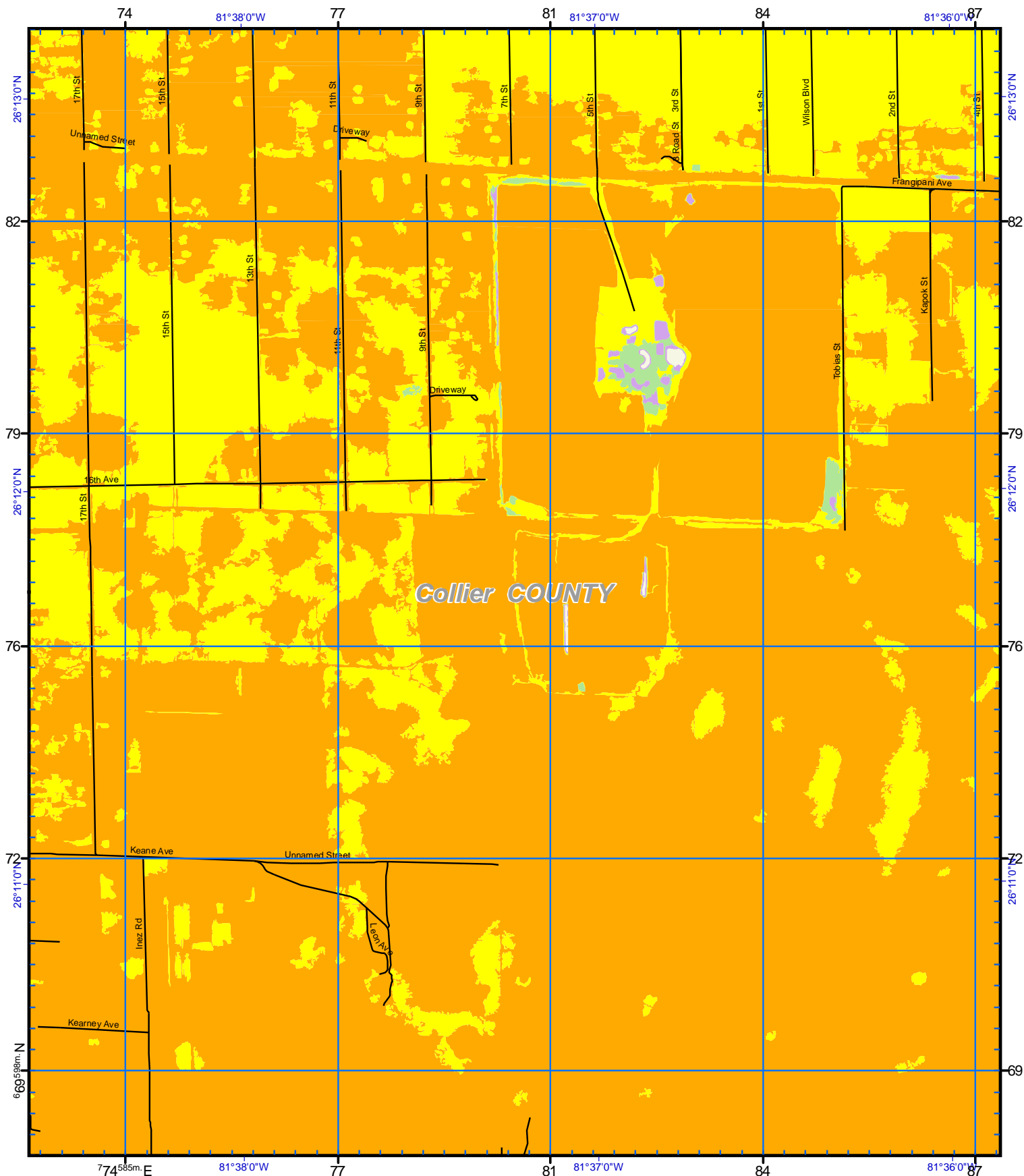
Legend

- Ref Point
- H HOSPITAL
- C City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 36 95

Map Plate 210

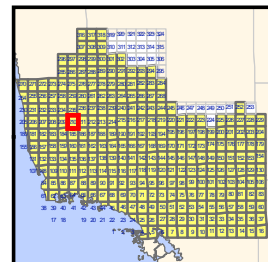
Page 228

Legend

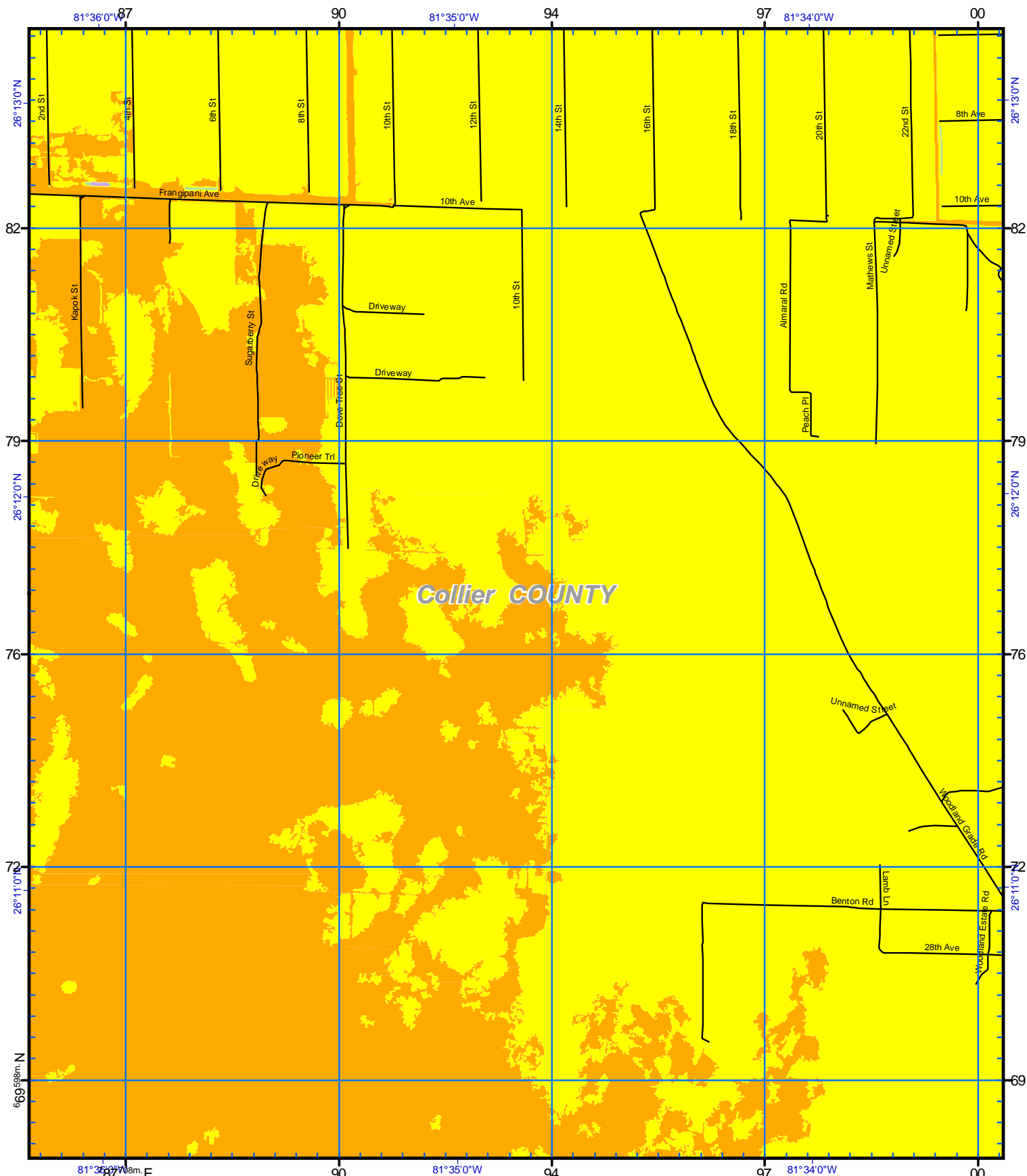
- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 40 95

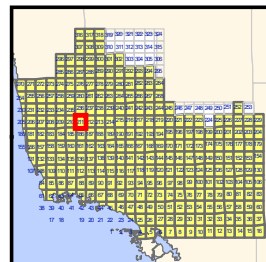
Map Plate 211

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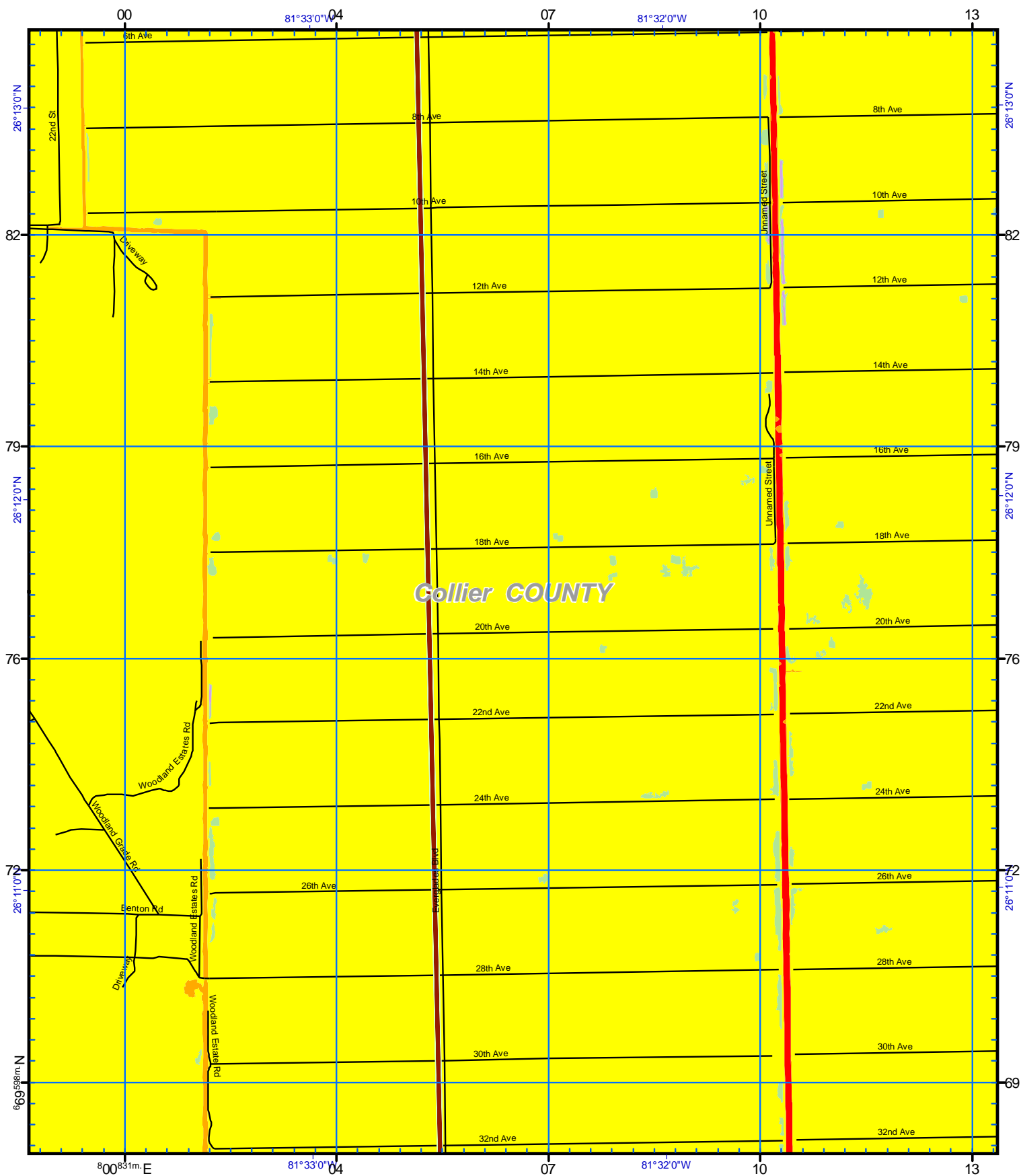
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

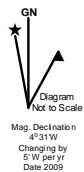
Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 44 95

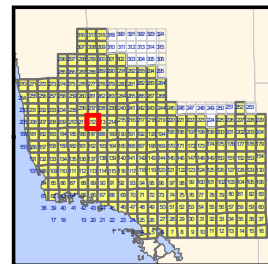
Map Plate 212

Page 230

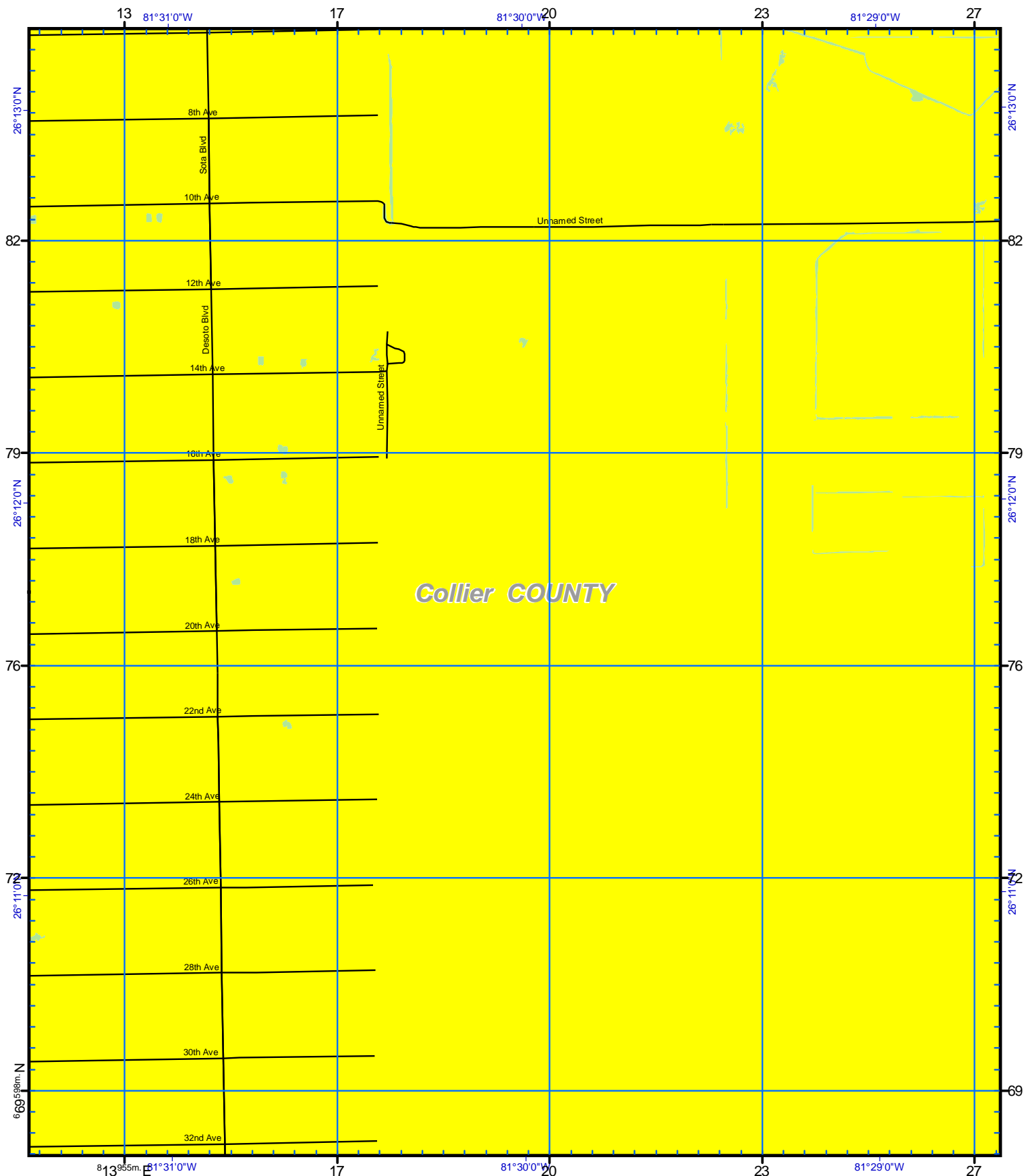
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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management implementation are local responsibilities.
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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 48 95

Map Plate 213

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Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

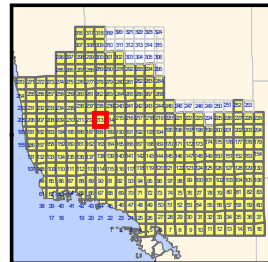
1

2

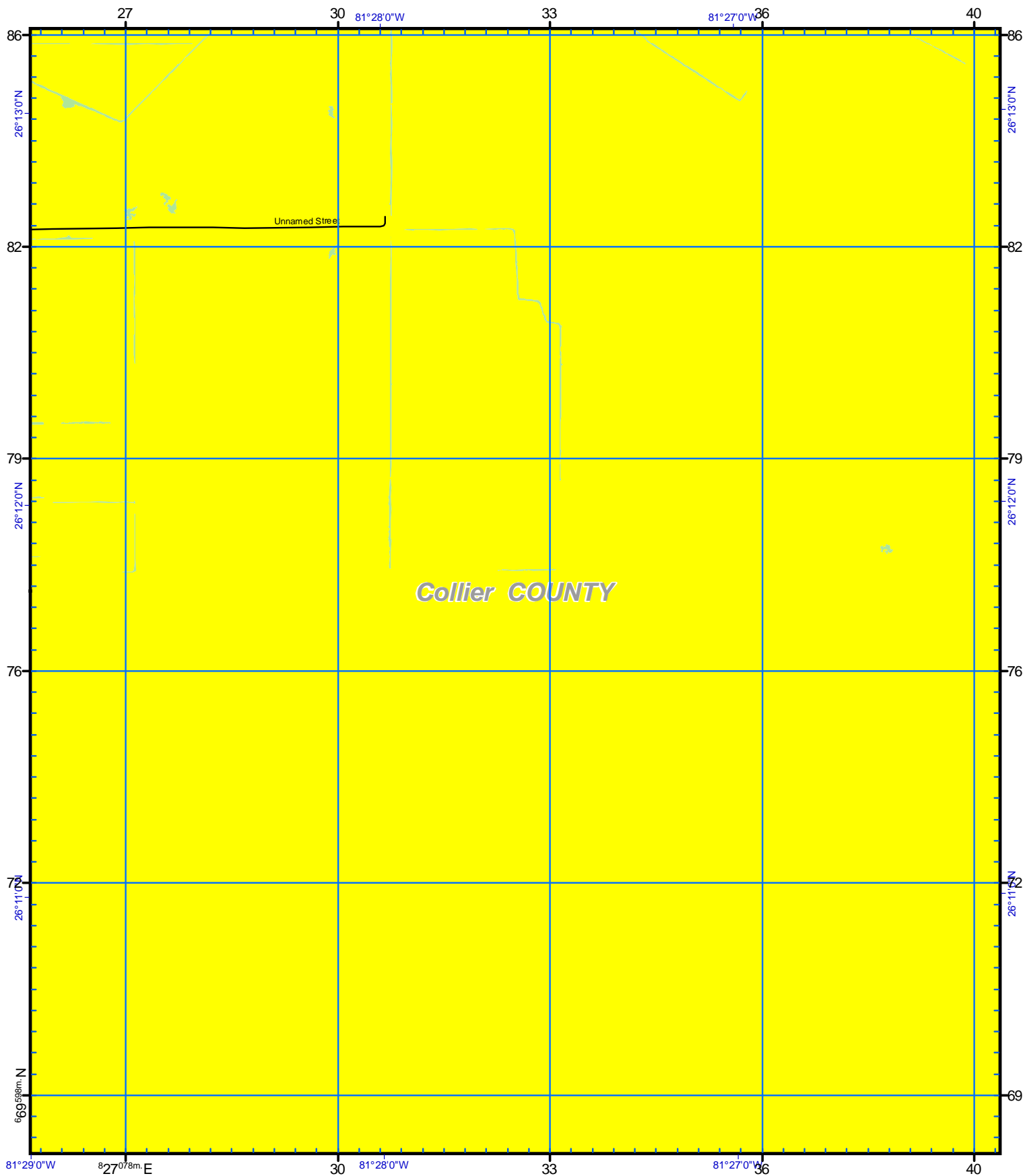
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 52 95

Map Plate 214

Page 232

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

1

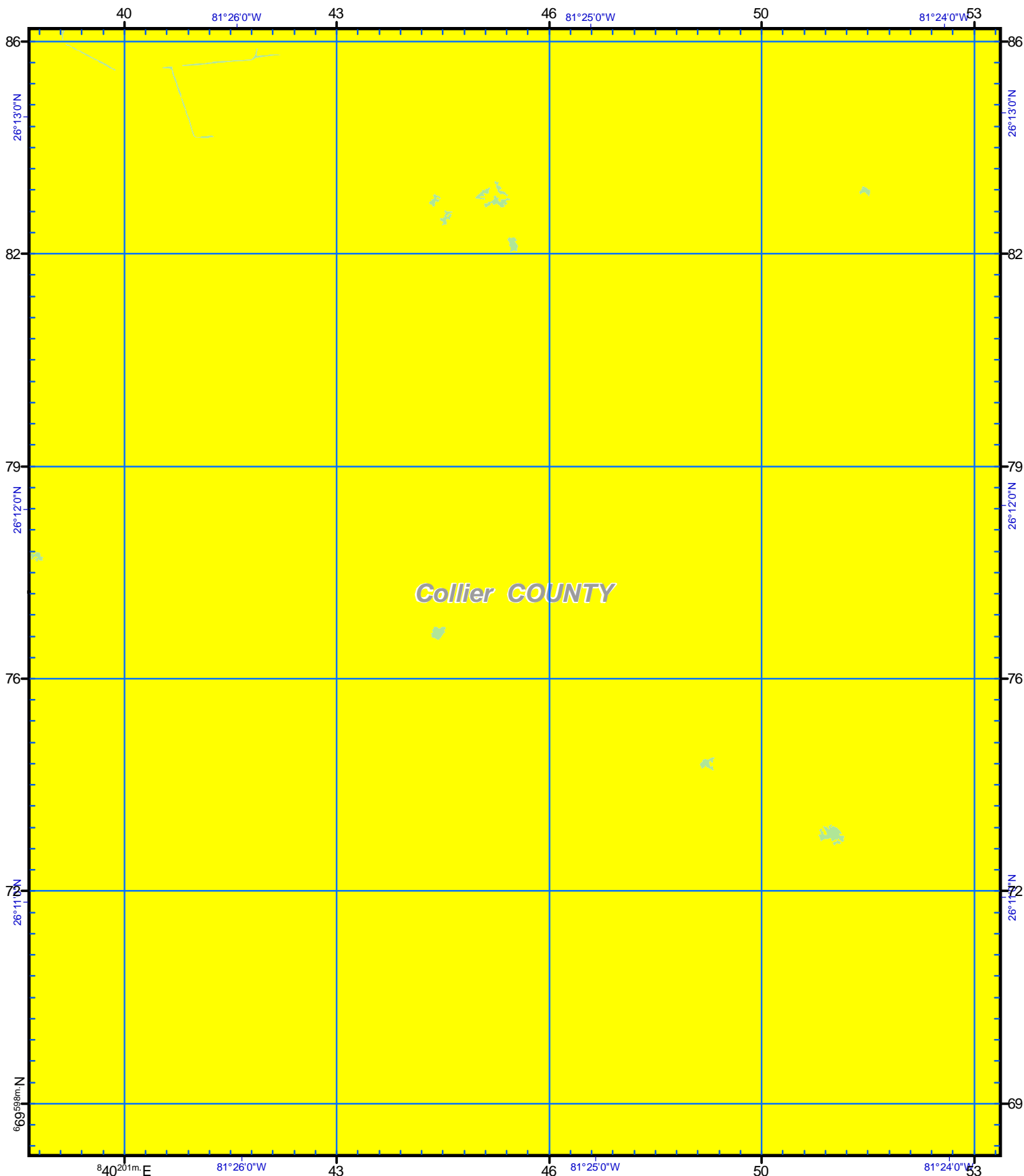
2

3

4

5

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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 56 95

Map Plate 215

Page 233

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

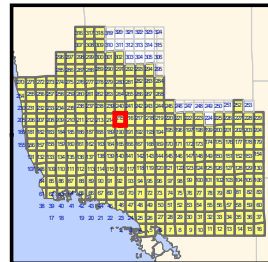
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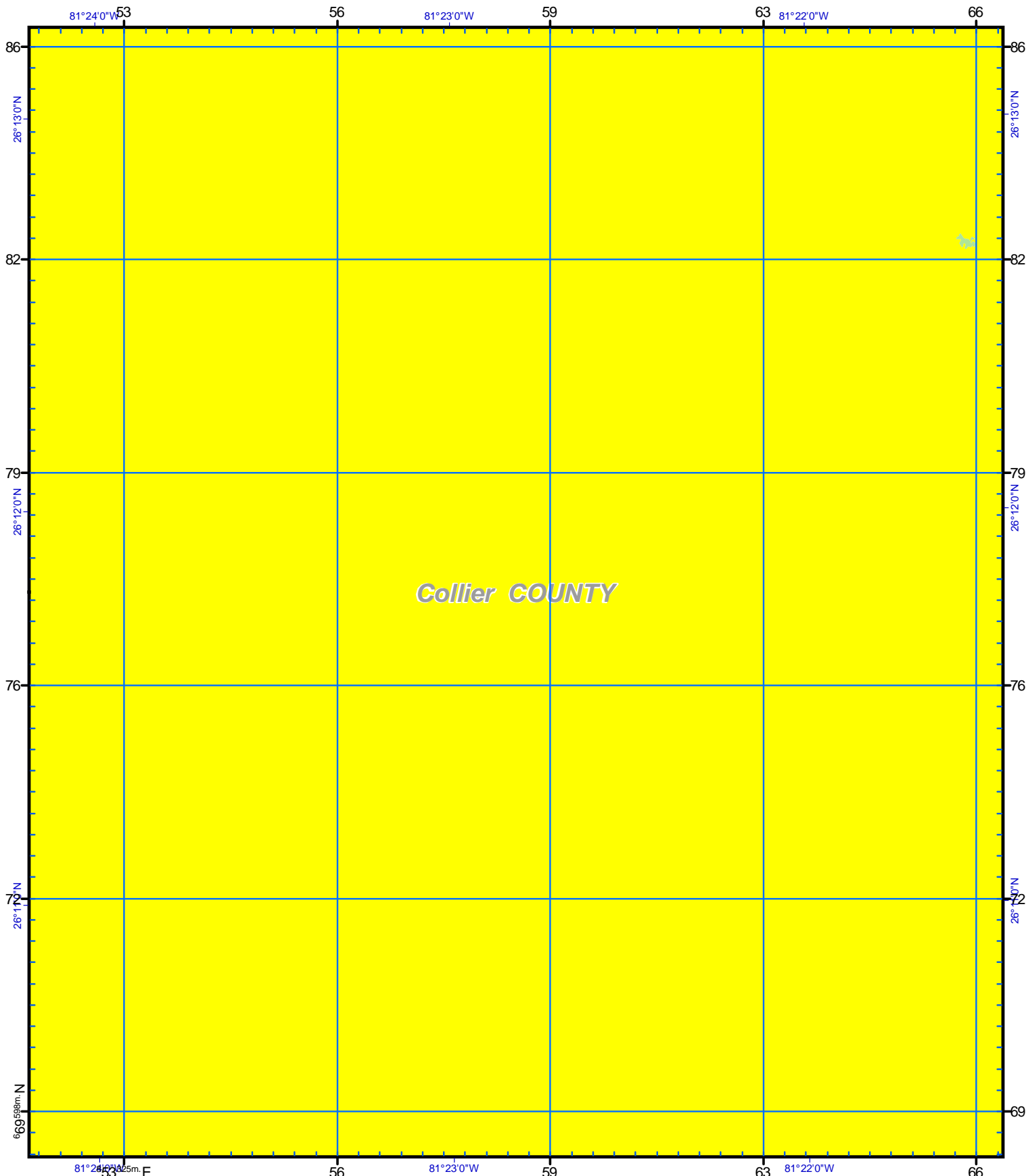
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

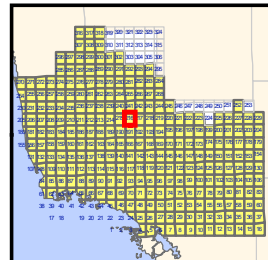
USNG Page 17R MJ 60 95

Map Plate 216

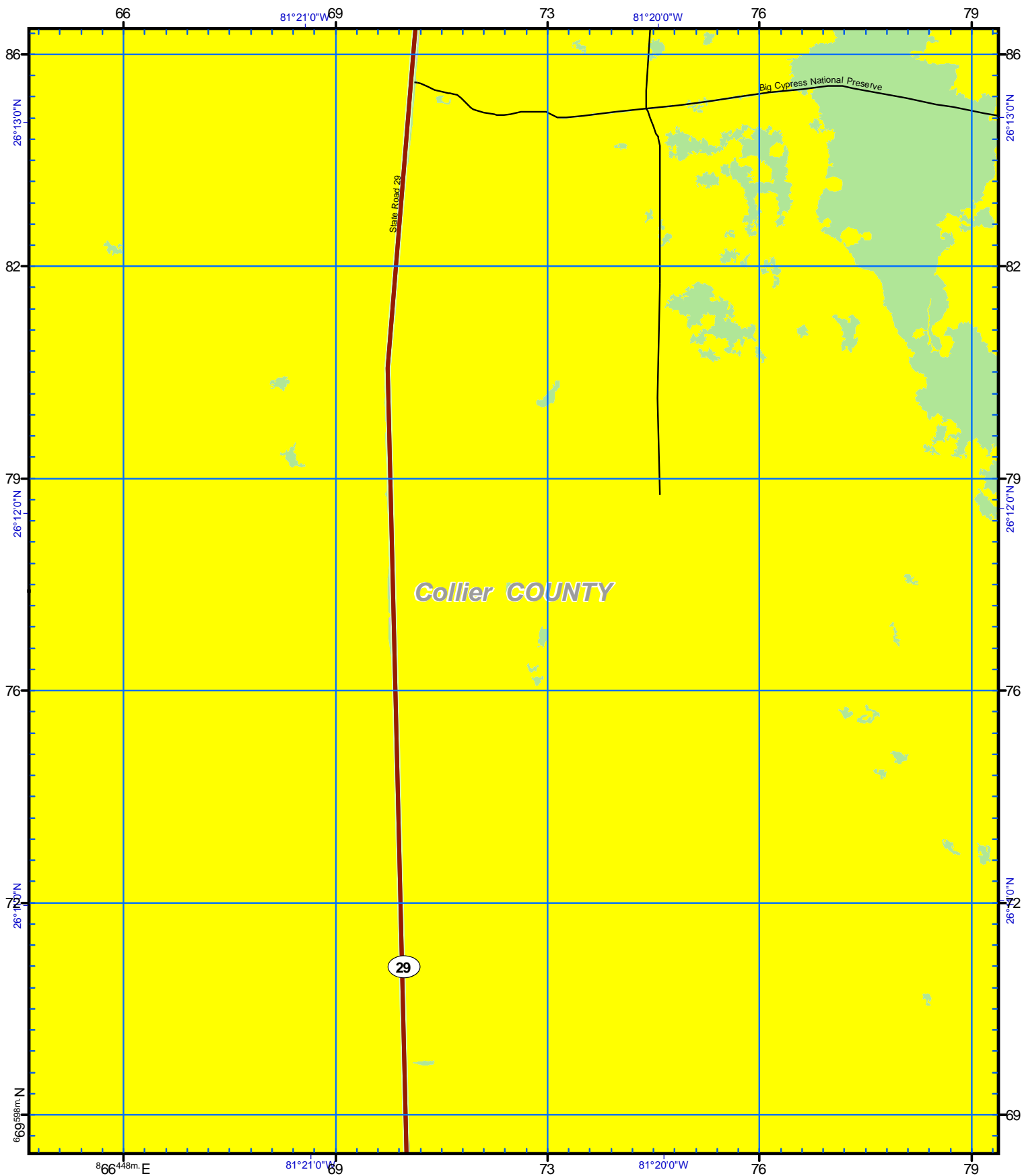
Page 234

Legend

- Ref Point
 - HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|----|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 64 95

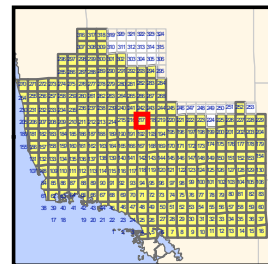
Map Plate 217

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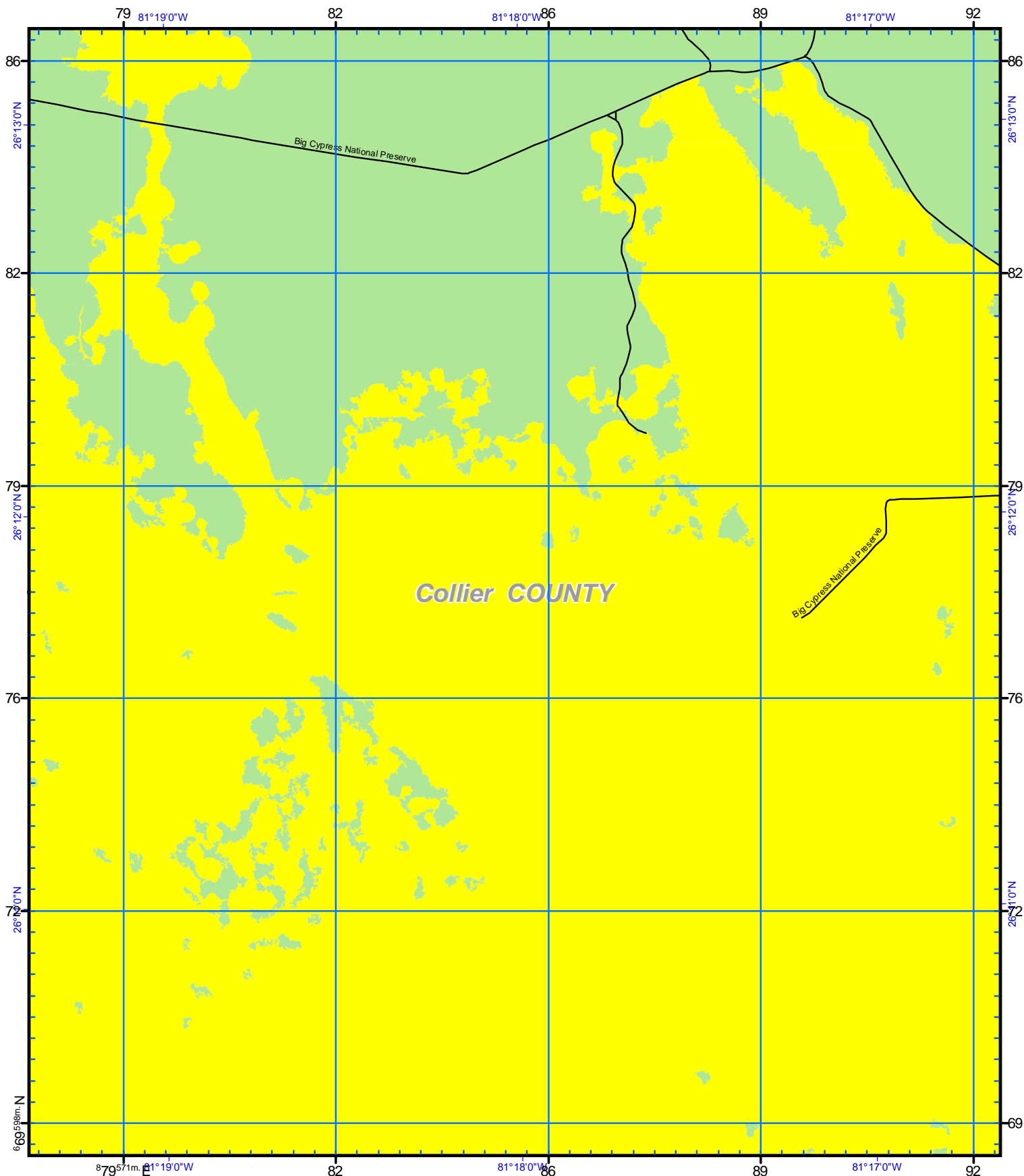
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 68 95

Map Plate 218

Page 236

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

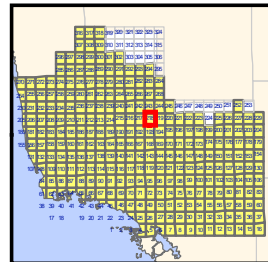
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2

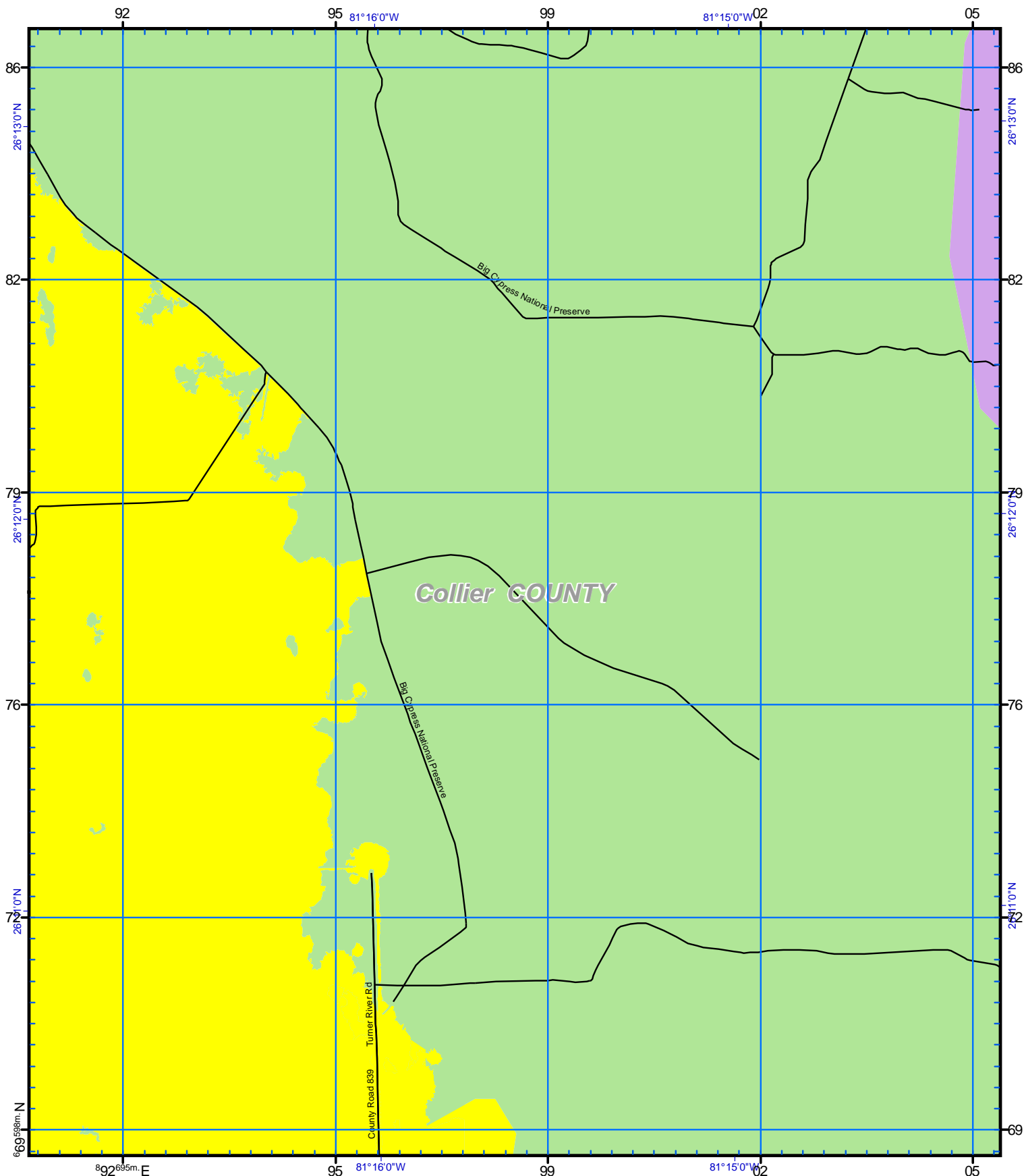
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 72 95**

Map Plate **219**

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Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

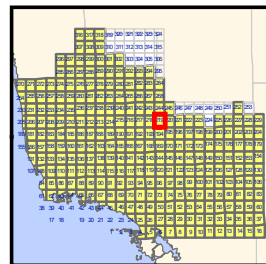
1

2

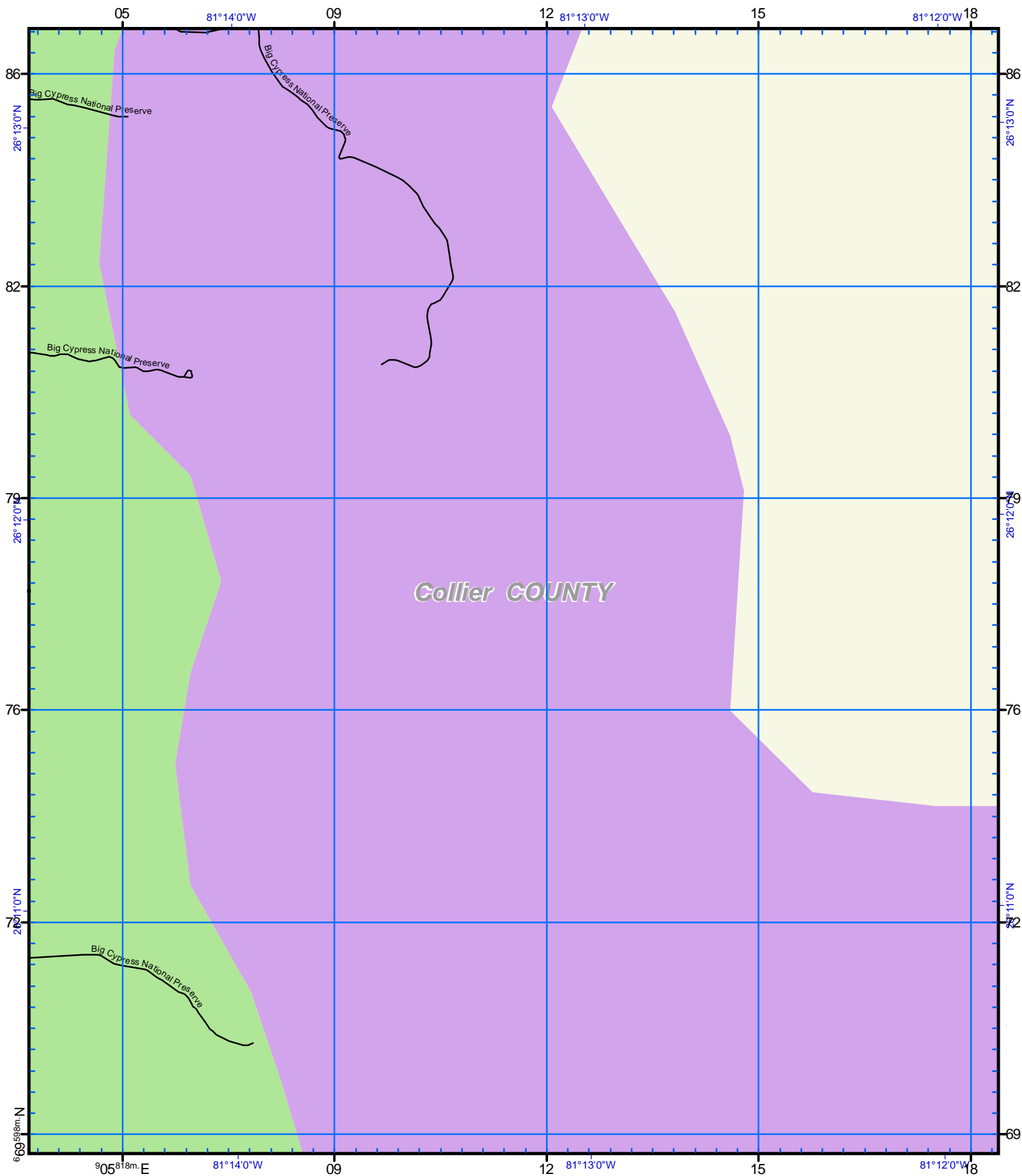
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 76 95**

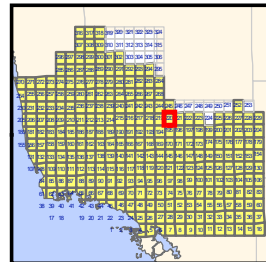
Map Plate **220**

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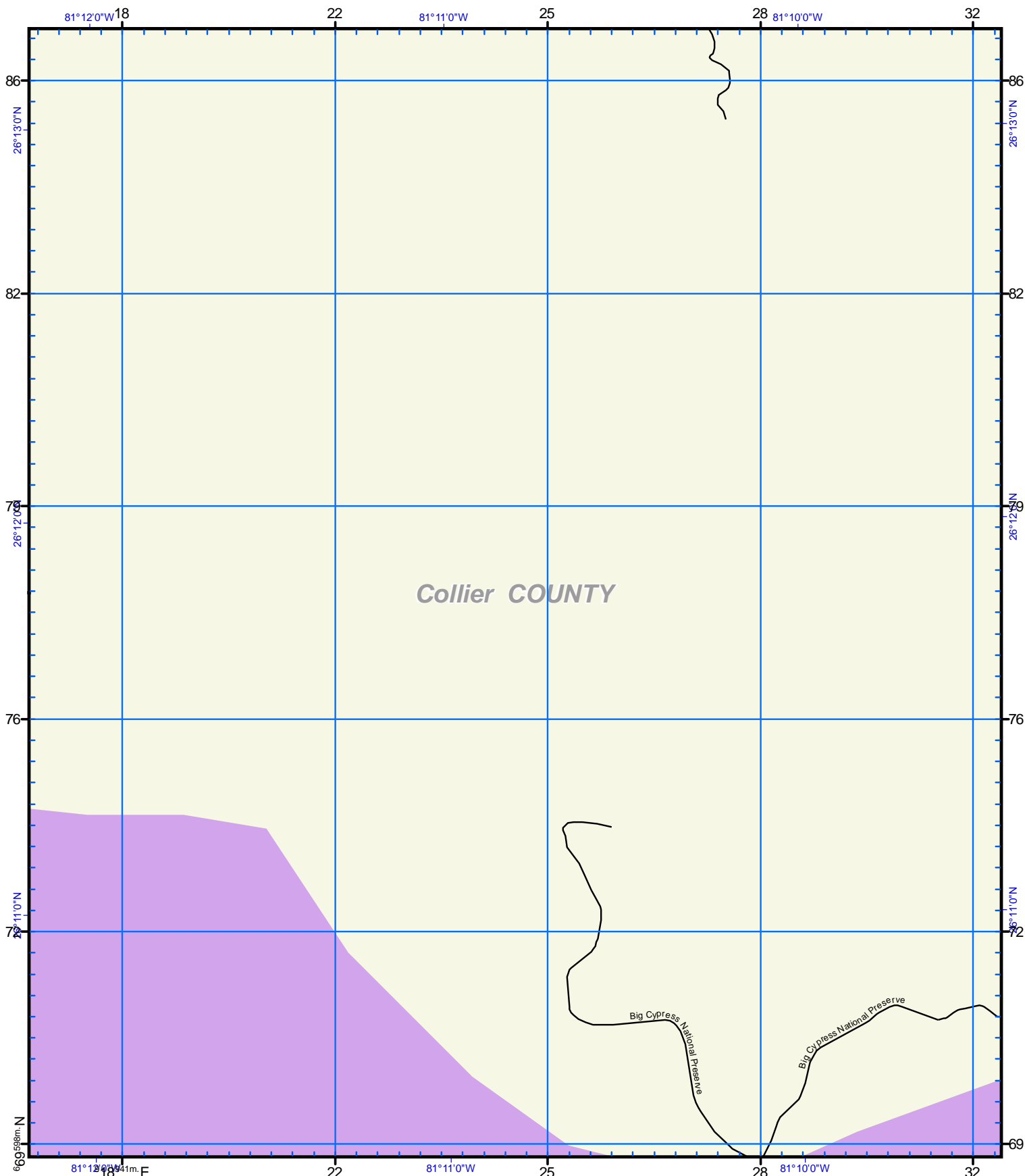
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat
TS
1 TS
2 TS
3 TS
4 TS
5 TS



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page **17R MJ 80 95**

Map Plate **221**

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Legend

● Ref Point

⌘ HOSPITAL

⬜ City Limits

— Evac Route

■ WATER

Cat

TS

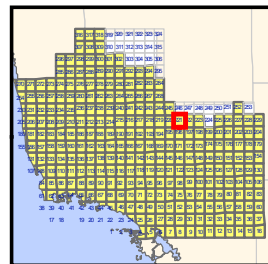
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2

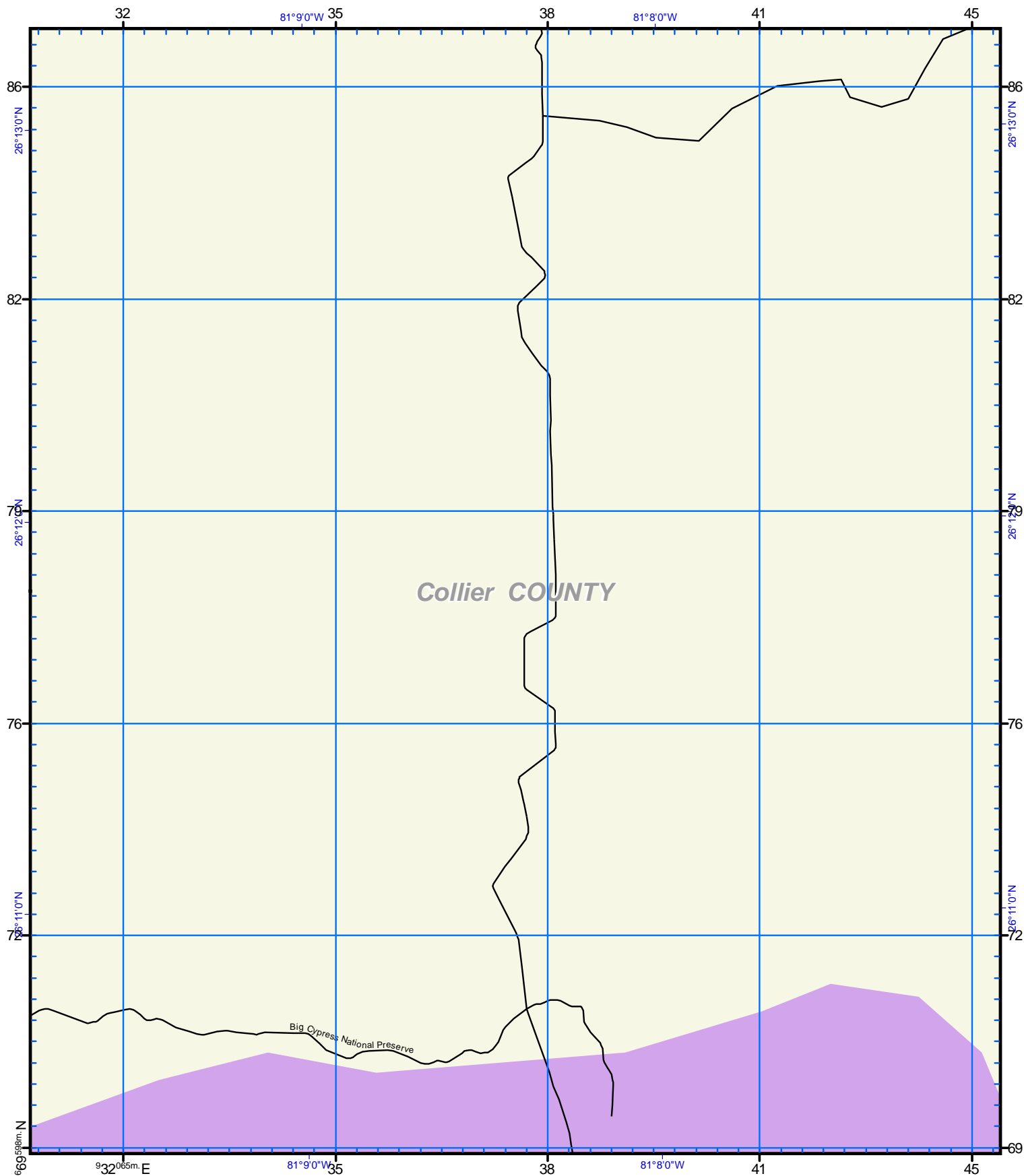
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 84 95

Map Plate 222

Page 240

Legend

● Ref Point

⌘ HOSPITAL

⬜ City Limits

— Evac Route

■ WATER

Cat

TS

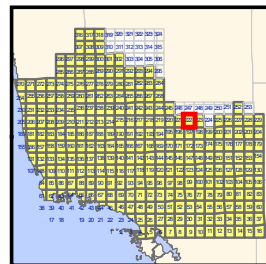
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2

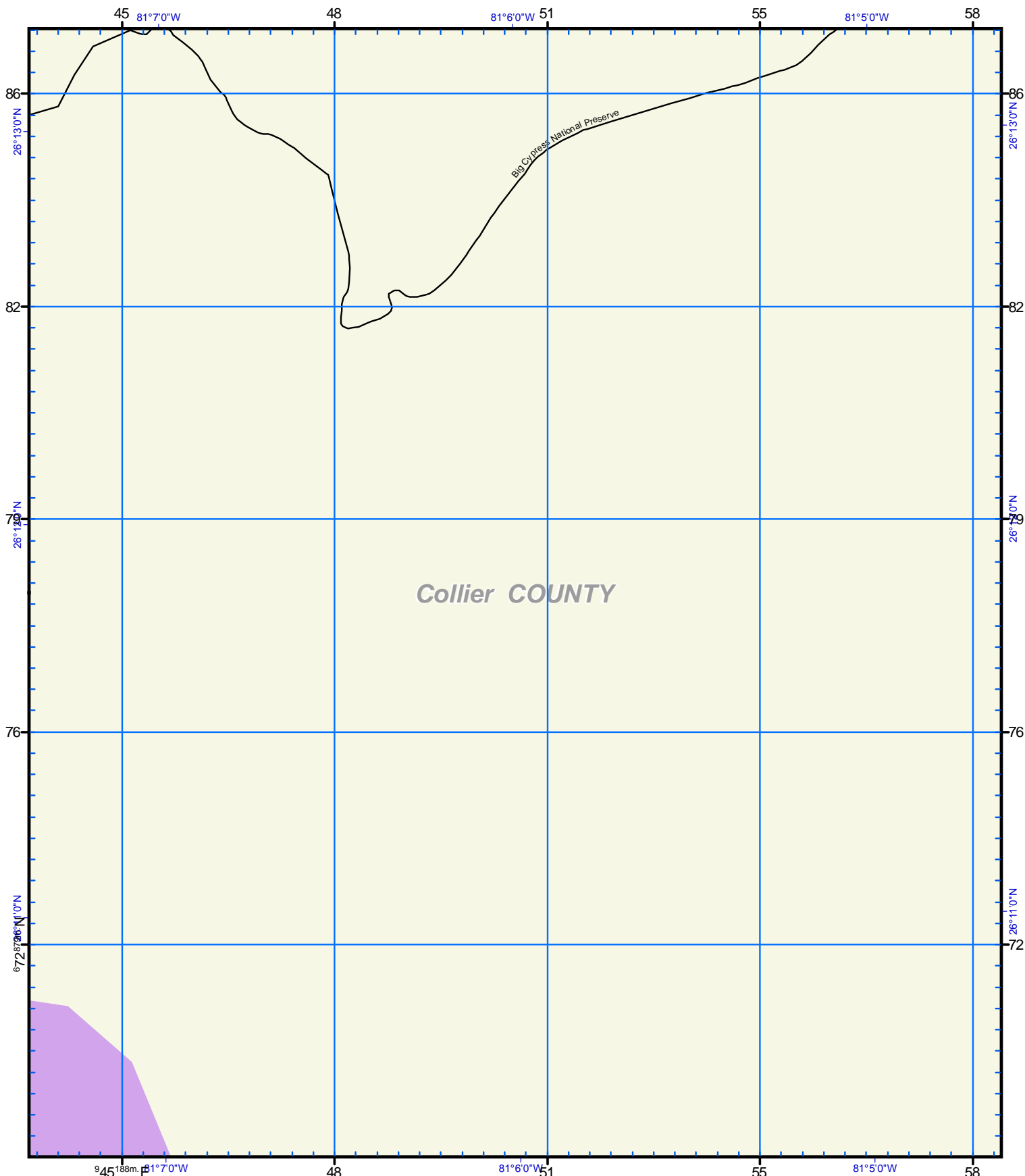
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MJ 88 95

Map Plate 223

Page 241

Legend

● Ref Point

H HOSPITAL

City Limits

Evac Route

WATER

Cat

TS

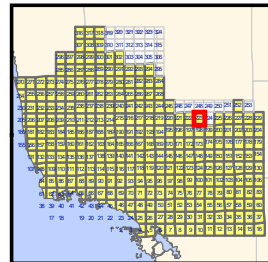
1

2

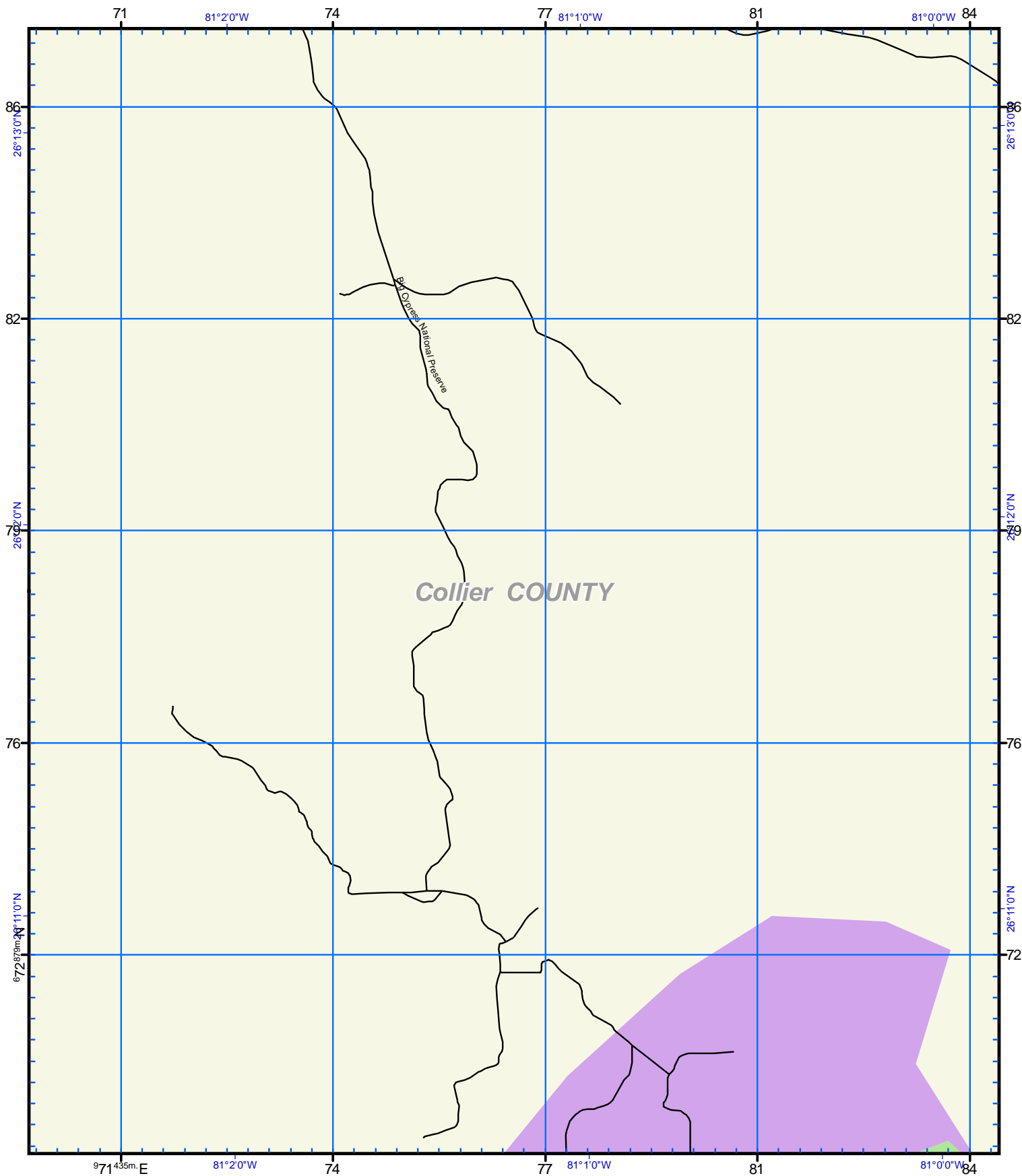
3

4

5



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US National Grid
100,000-m Square ID
MJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

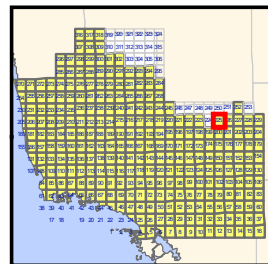
USNG Page **17R MJ 96 95**

Map Plate **225**

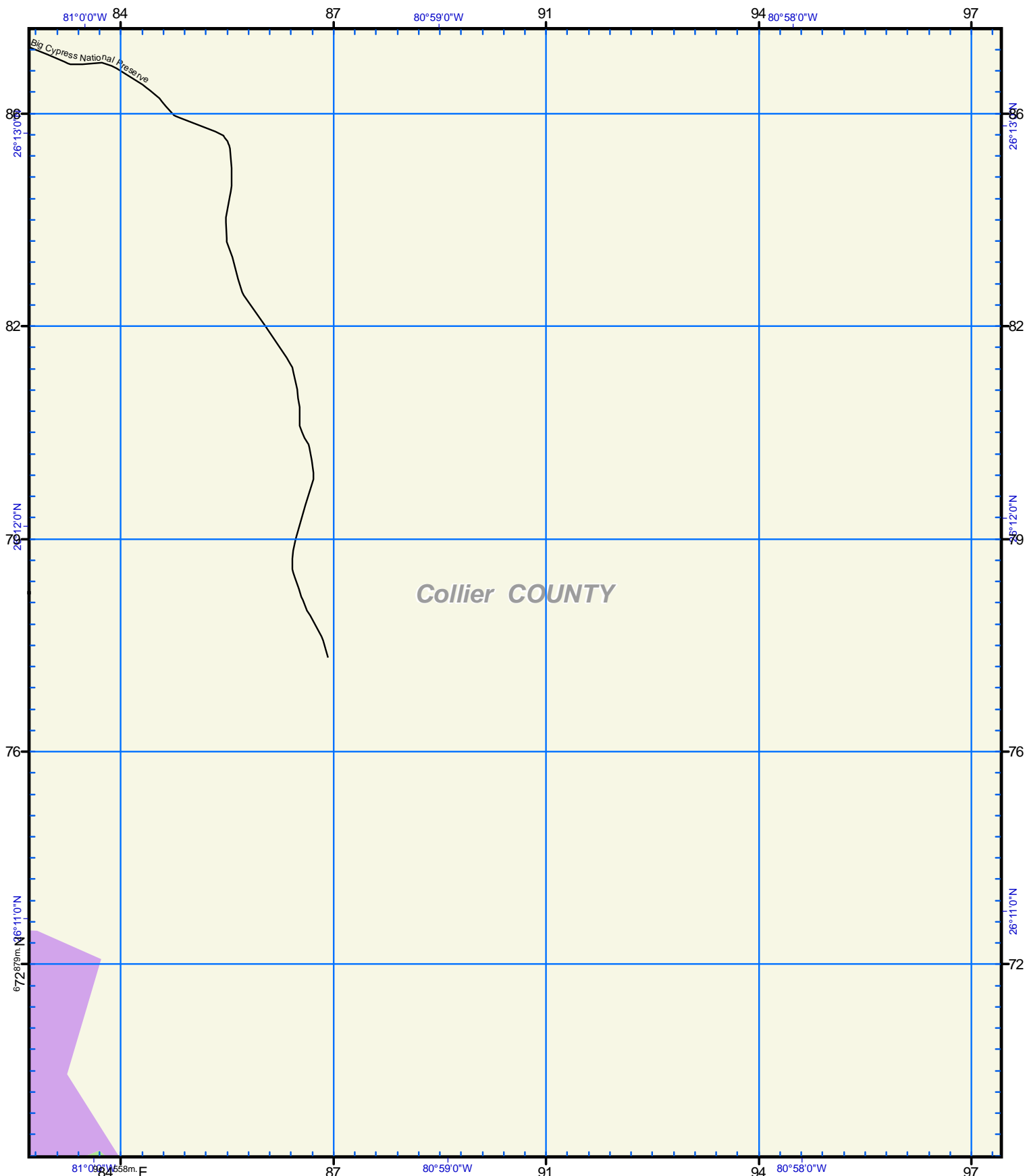
Page 242

Legend

	Ref Point	Cat
	HOSPITAL	TS
	City Limits	1
	Evac Route	2
	WATER	3
		4
		5



This map is for reference & planning purposes only.
Hurricane evacuation decision-making and growth
management implementation are local responsibilities.
Please consult with local authorities.



US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



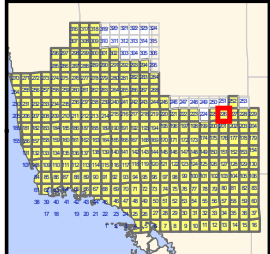
Notes:
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Storm Tide Zones
Collier County, 2010
Scale - 1:24,000
0 2,000 Feet
USNG Page **17R NJ 00 95**
Map Plate **226**
Page 243

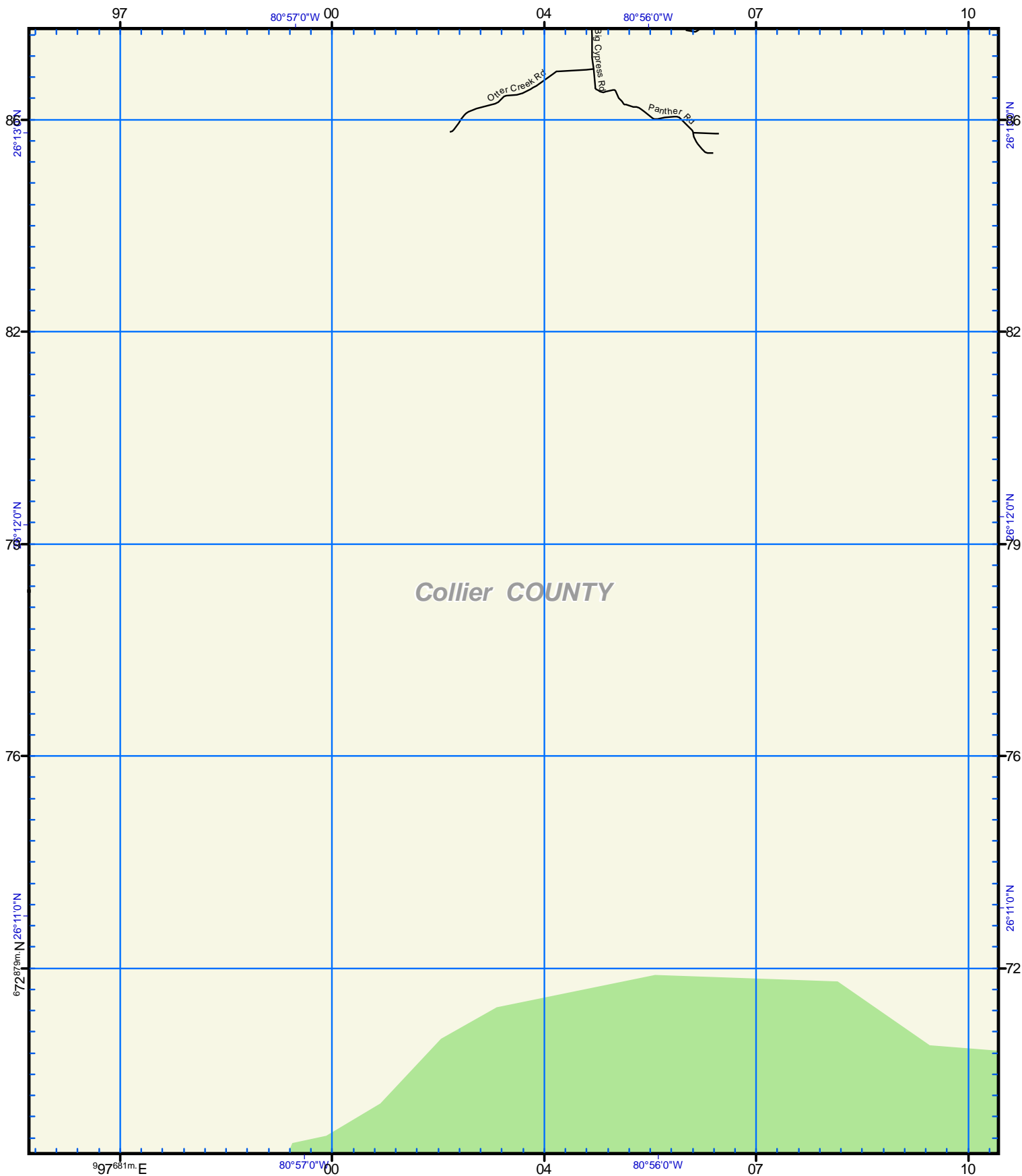
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

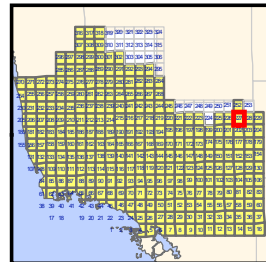
USNG Page **17R NJ 04 95**

Map Plate **227**

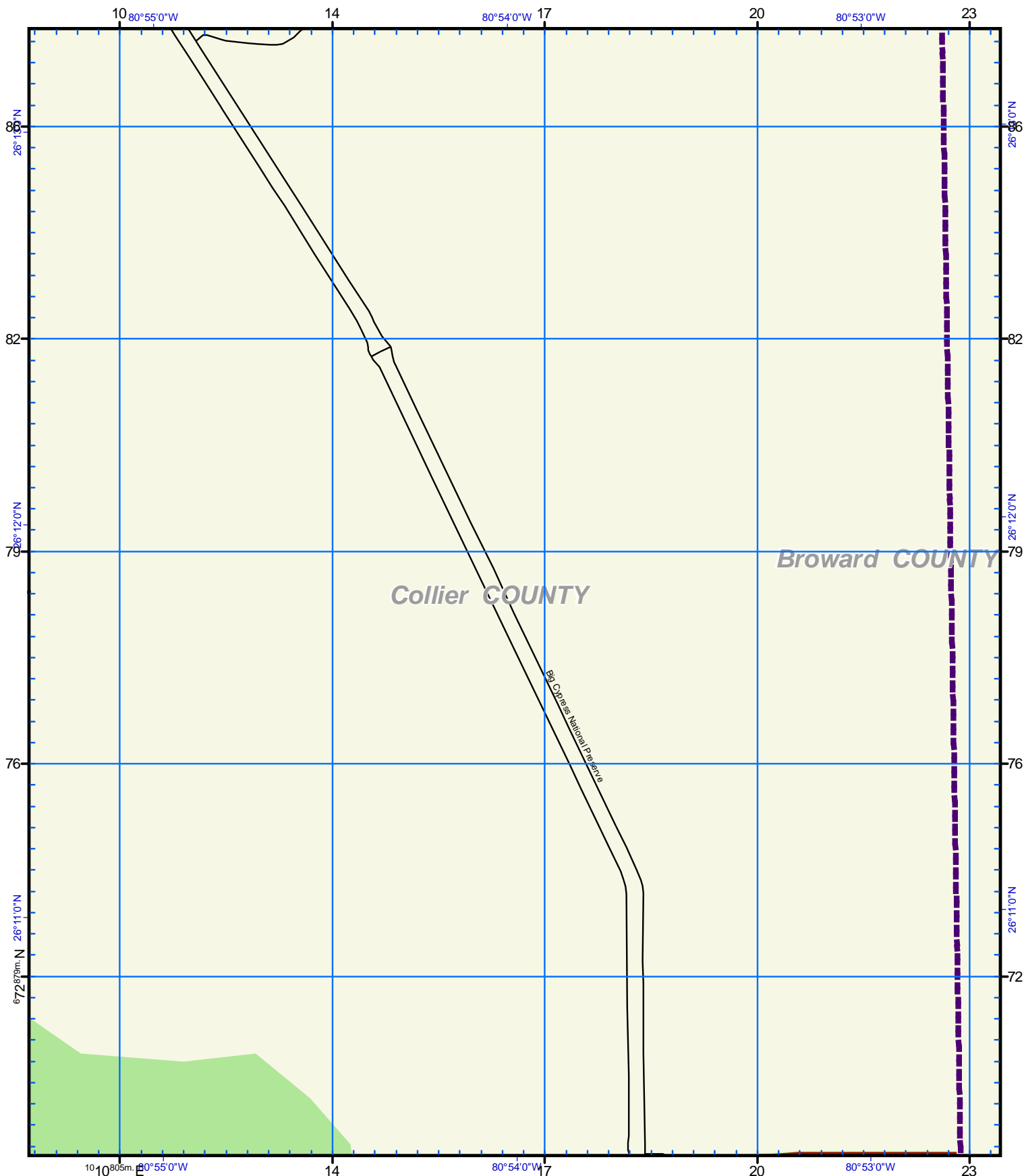
Page 244

Legend

●	Ref Point	Cat
H	HOSPITAL	TS
□	City Limits	1
—	Evac Route	2
■	WATER	3
		4
		5



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US National Grid
100,000-m Square ID
NJ
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

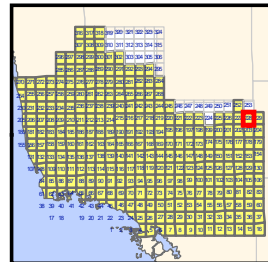
USNG Page **17R NJ 08 95**

Map Plate **228**

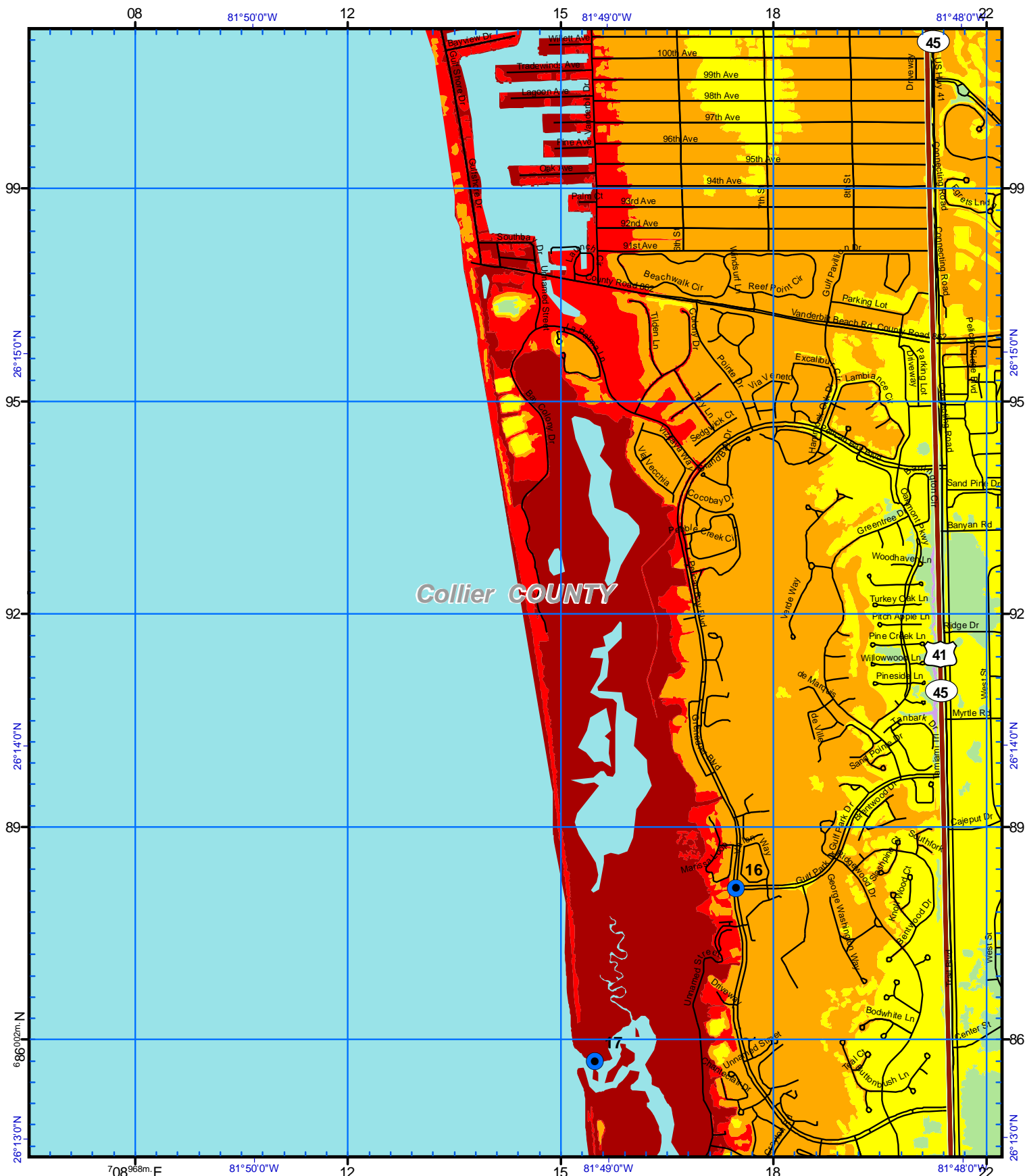
Page 245

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
■	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 16 00

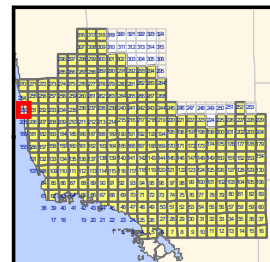
Map Plate 230

Page 246

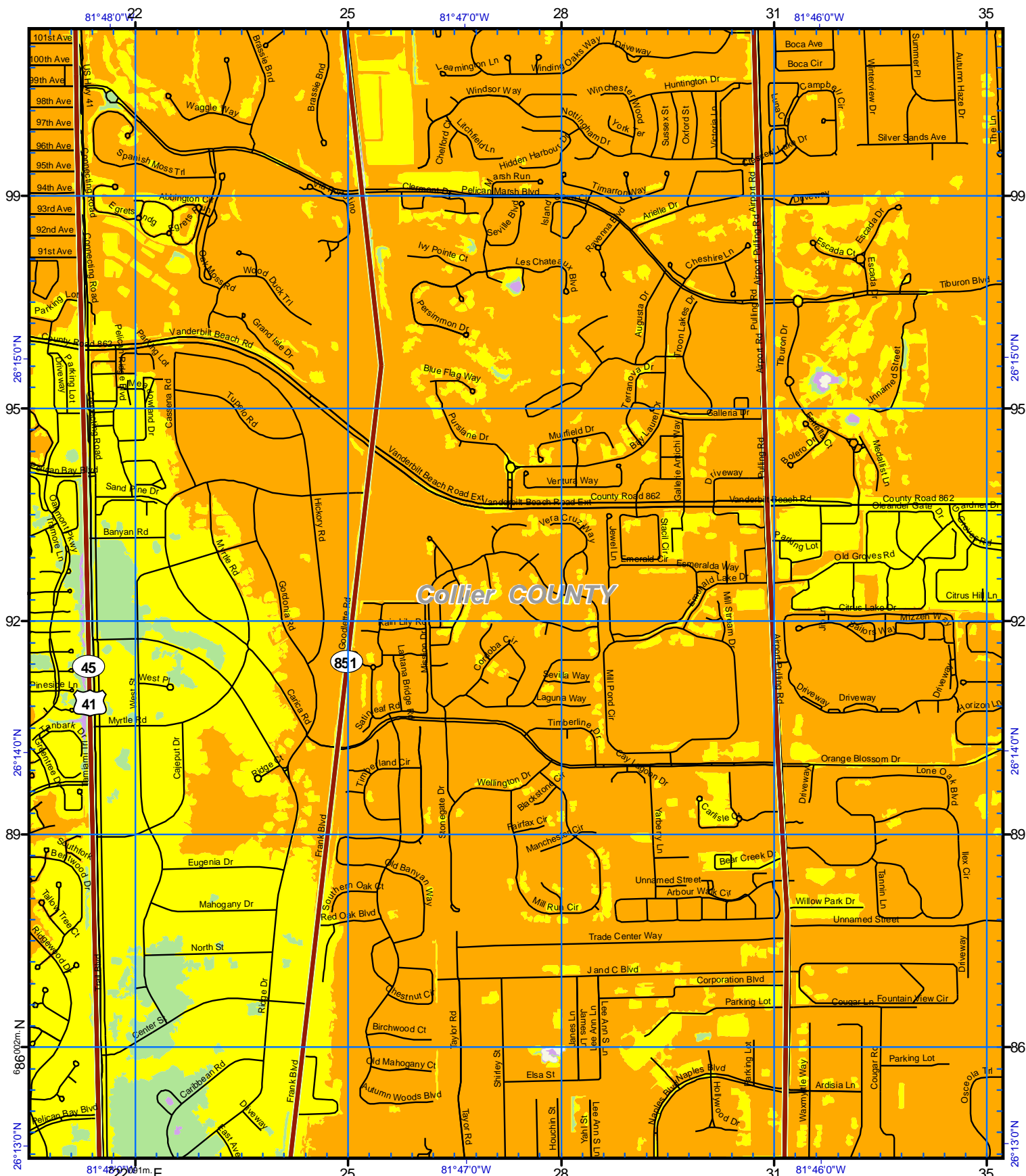
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬢ City Limits
- Evac Route
- WATER

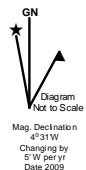
Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Dark Green



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



- Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 20 00

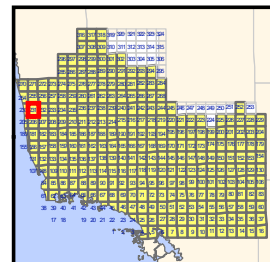
Map Plate 231

Page 247

Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

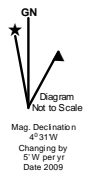
Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Dark Green



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management implementation are local responsibilities.
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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 24 00

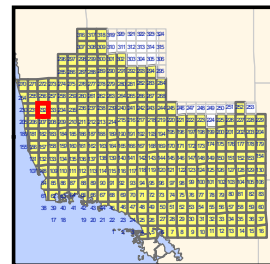
Map Plate 232

Page 248

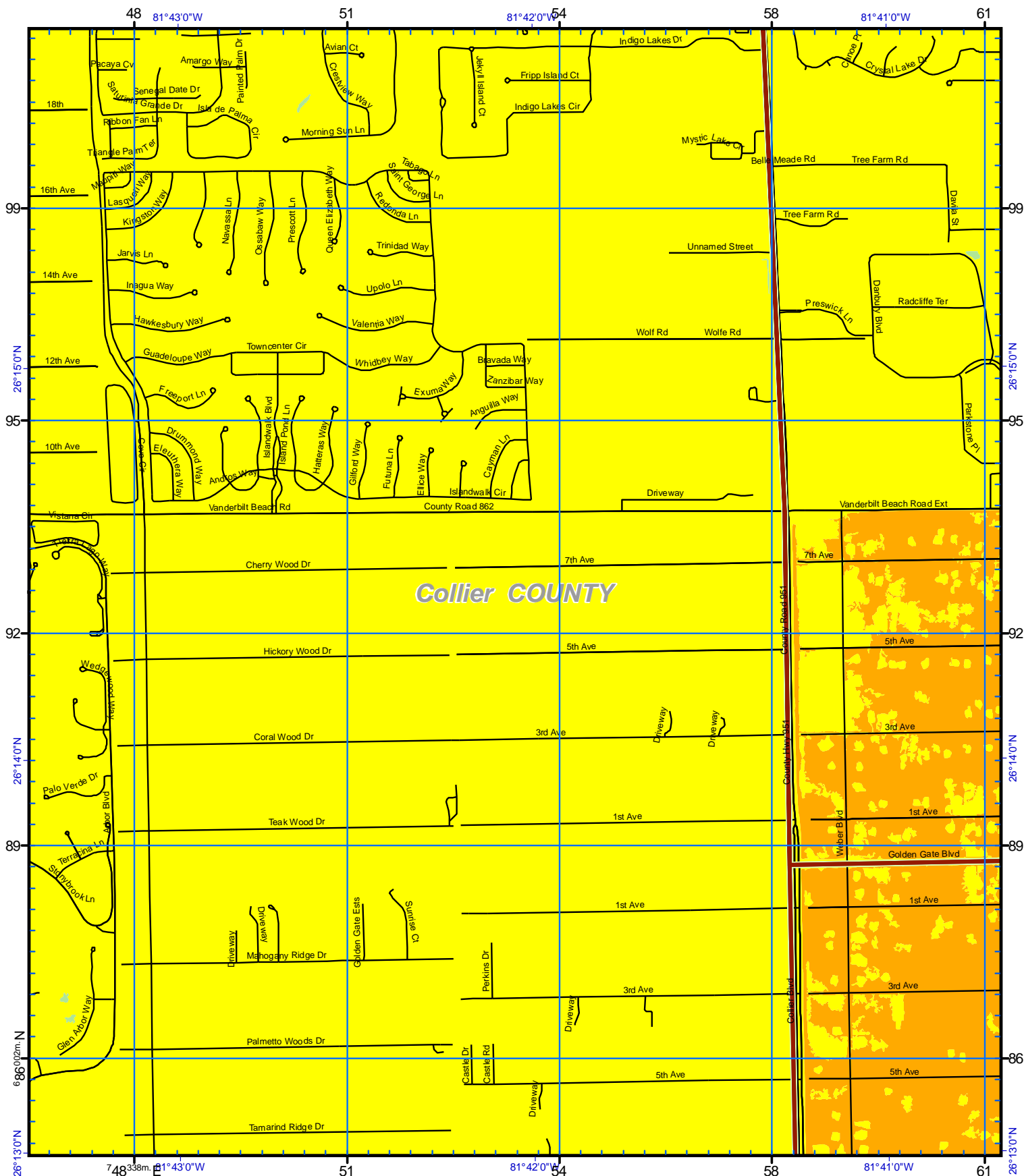
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 28 00

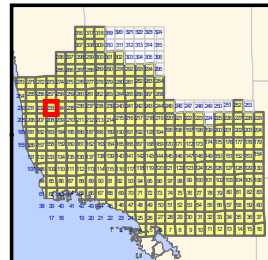
Map Plate 233

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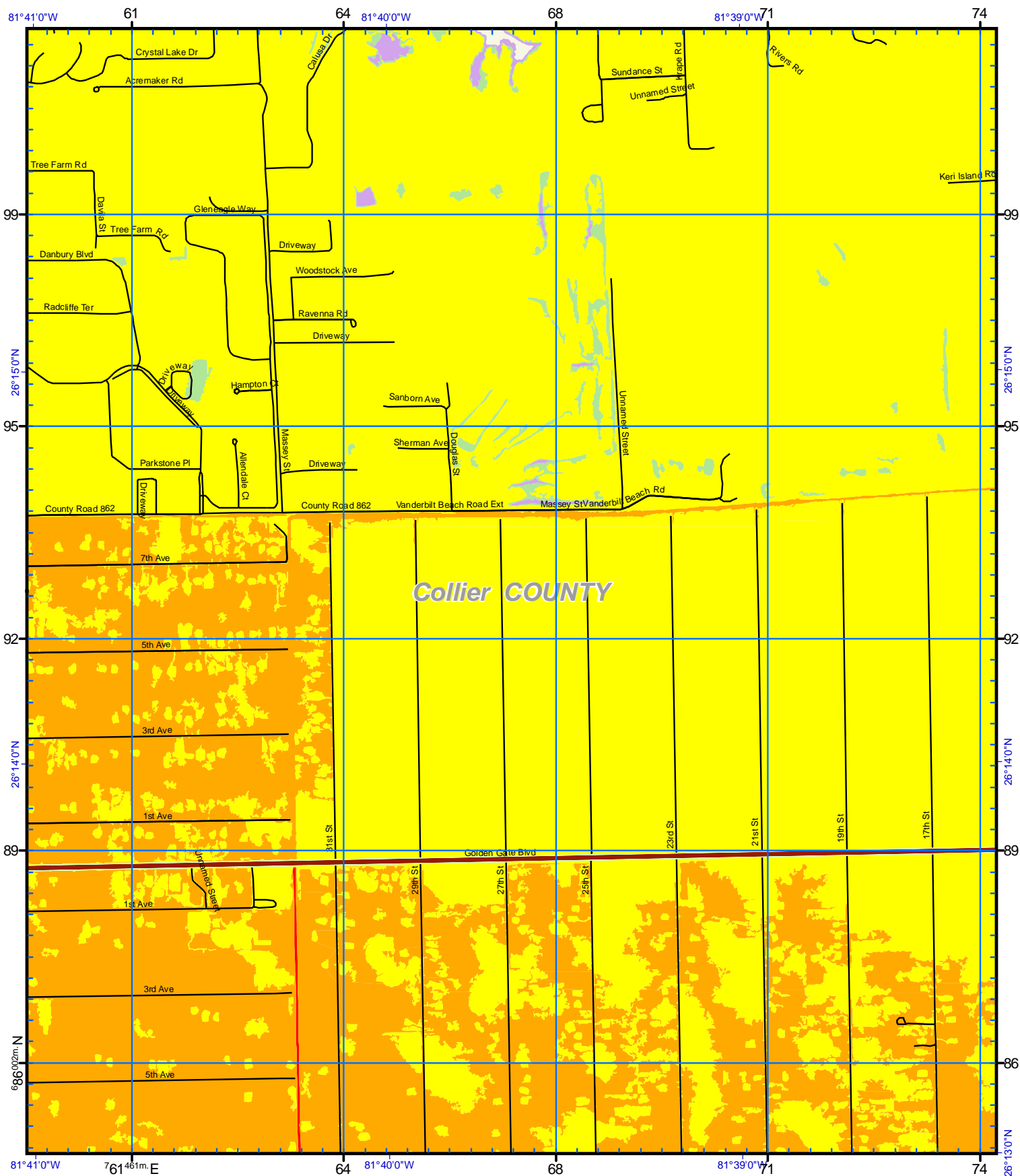
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Dark Green



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 32 00

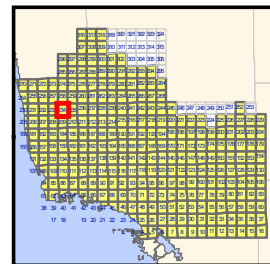
Map Plate 234

Page 250

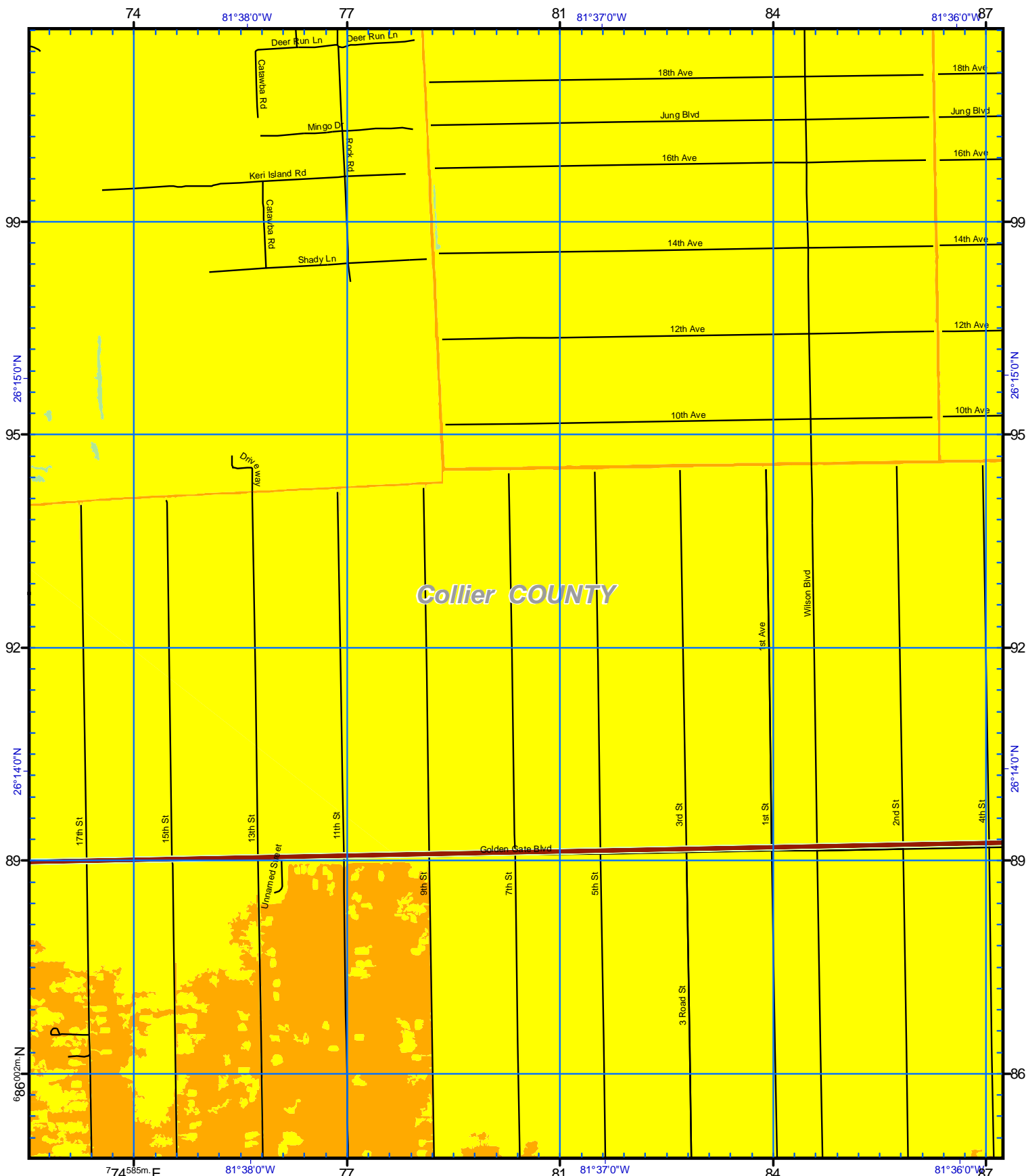
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 36 00

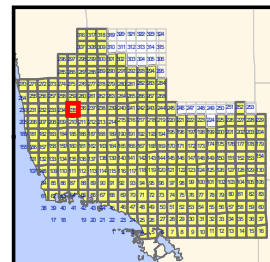
Map Plate 235

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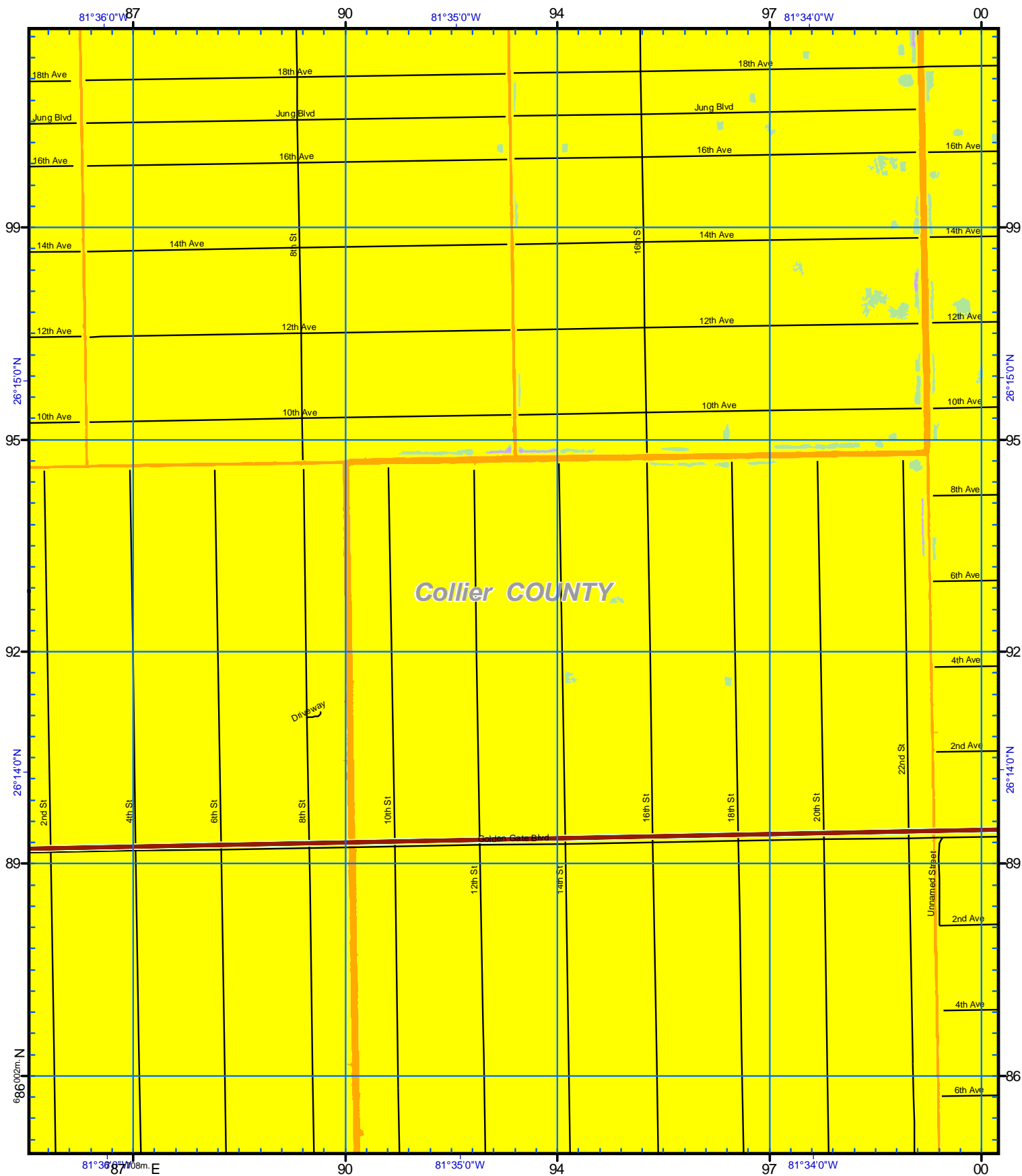
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 40 00

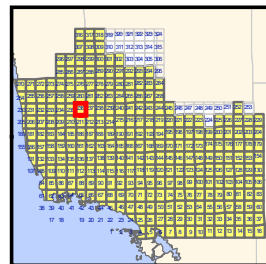
Map Plate 236

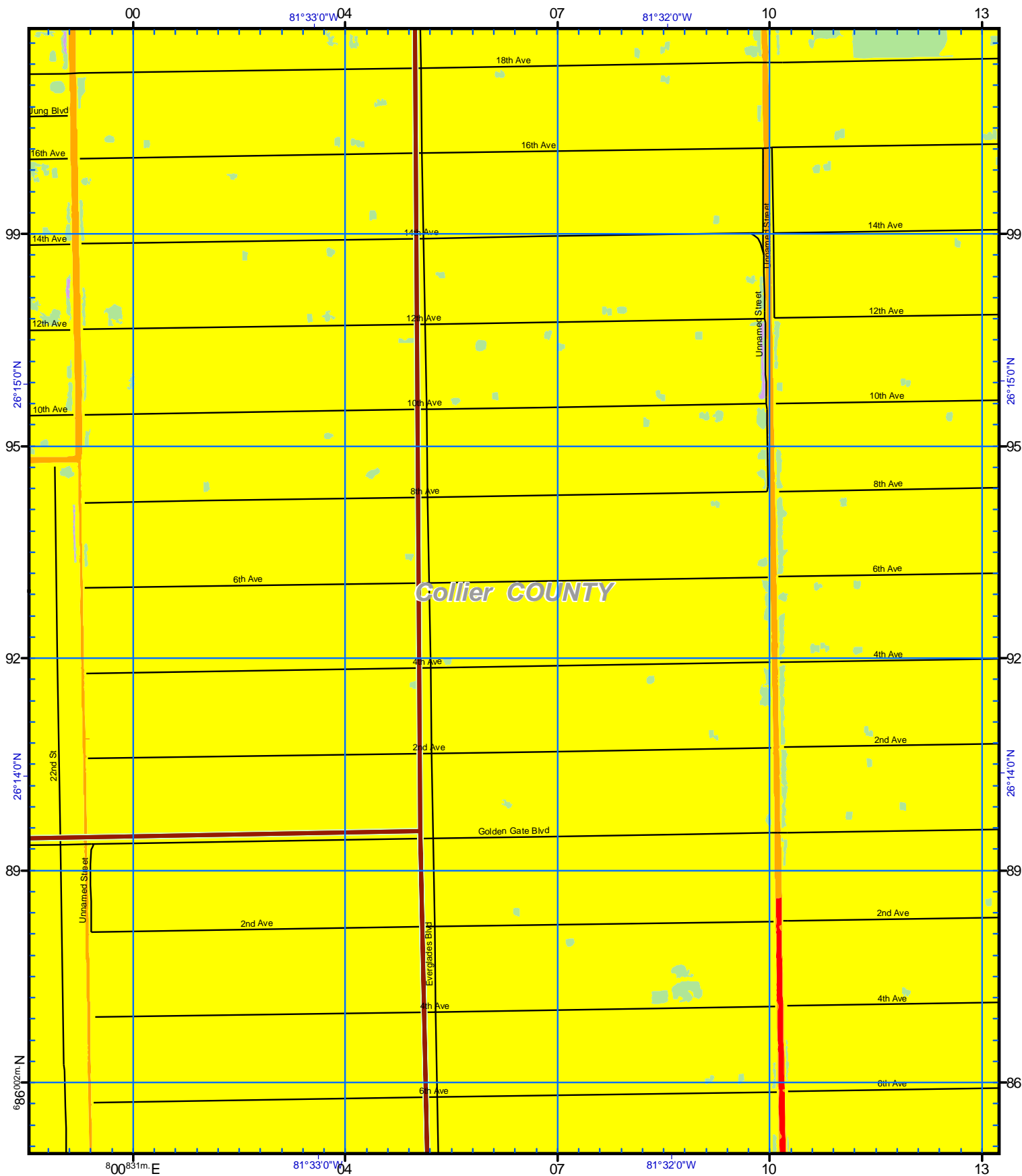
Page 252

Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple





US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 44 00

Map Plate 237

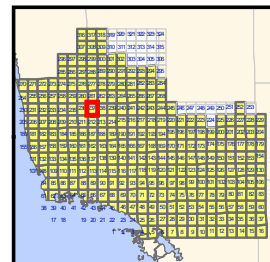
Page 253

Legend

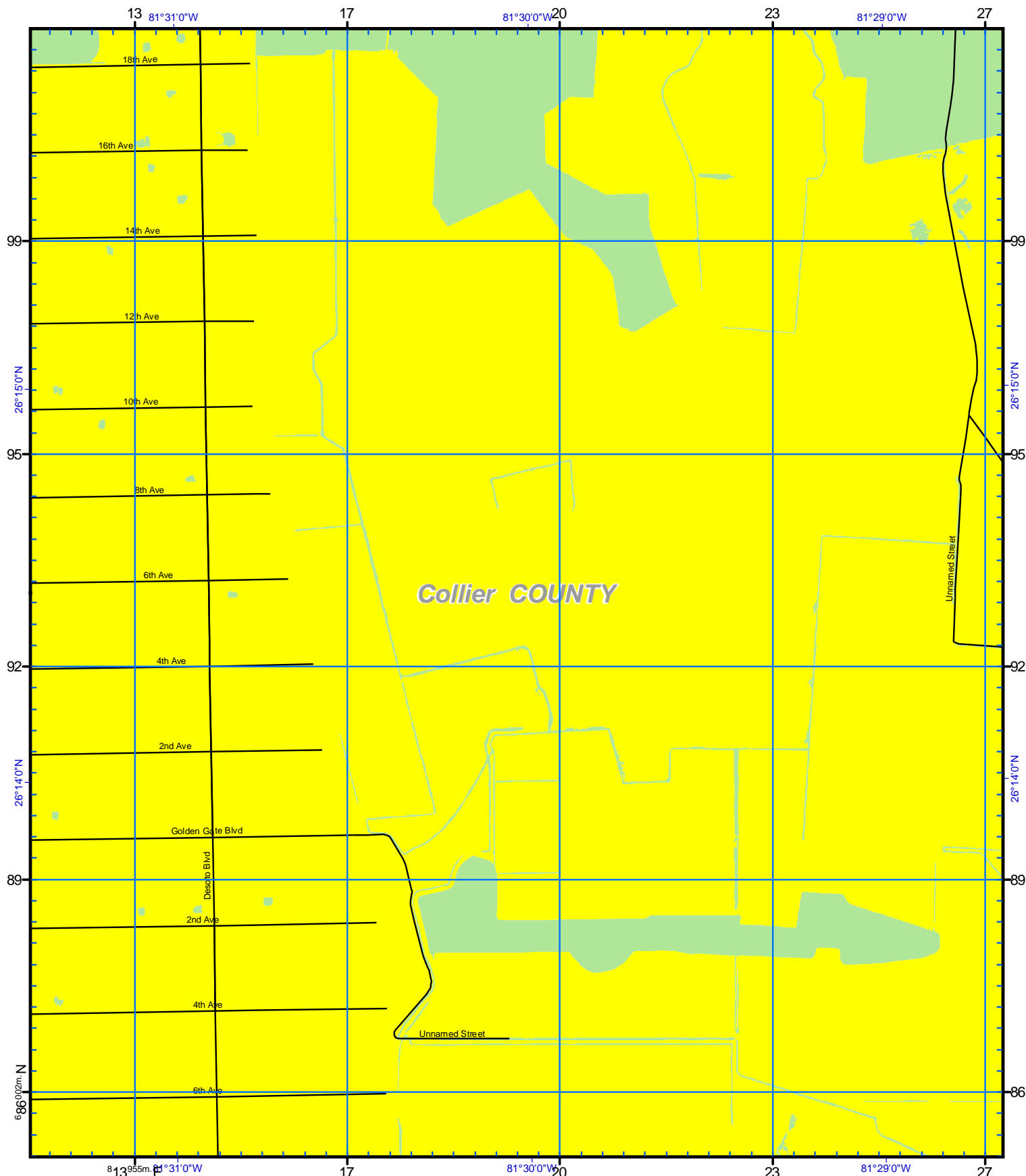
- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat

- TS
- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

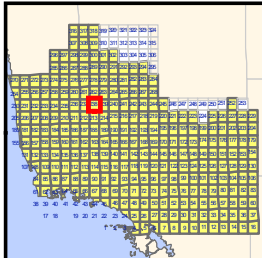
USNG Page 17R MK 48 00

Map Plate 238
Page 254

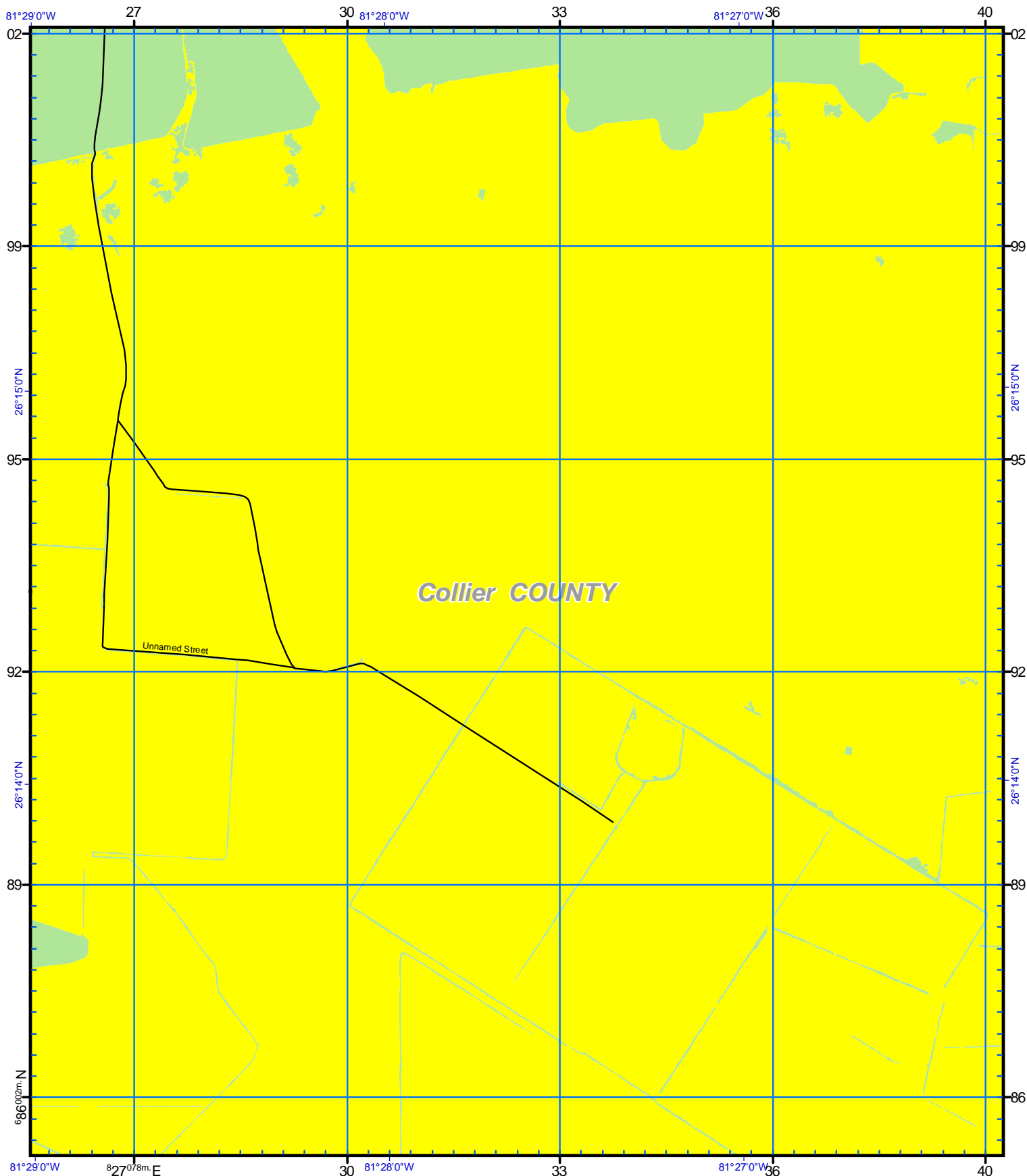
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Map Deformation
4°31'W
Changing by
5\"/>

Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

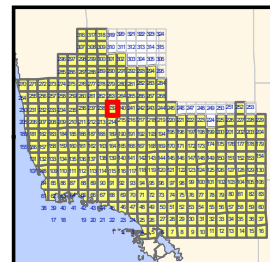
USNG Page 17R MK 52 00

Map Plate 239

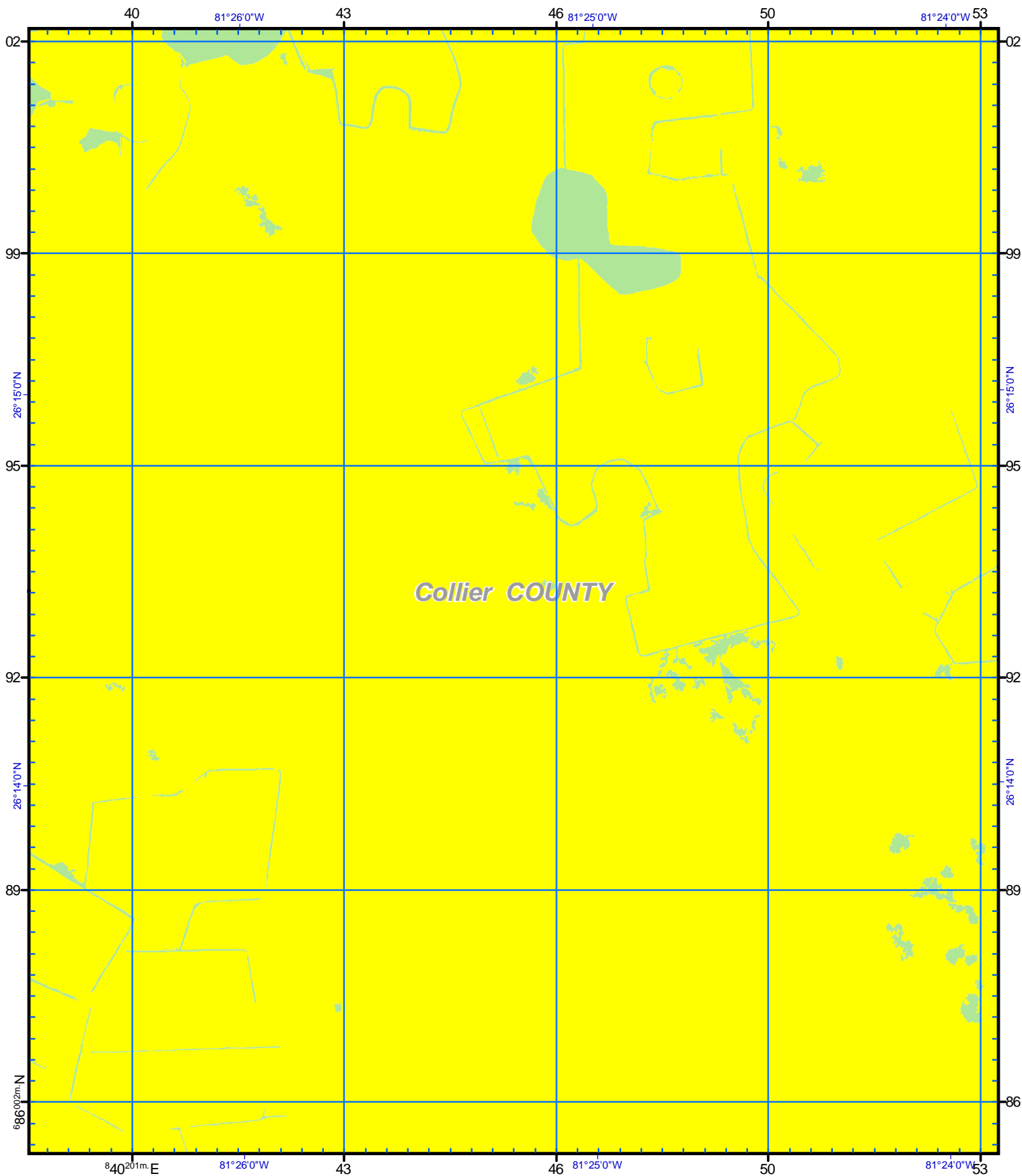
Page 255

Legend

● Ref Point	
⌘ HOSPITAL	
⌘ City Limits	
— Evac Route	
■ WATER	
Cat	TS
1	1
2	2
3	3
4	4
5	5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

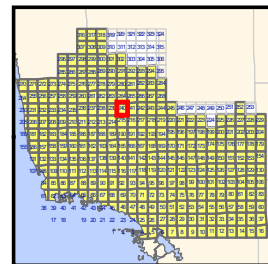
USNG Page 17R MK 56 00

Map Plate 240

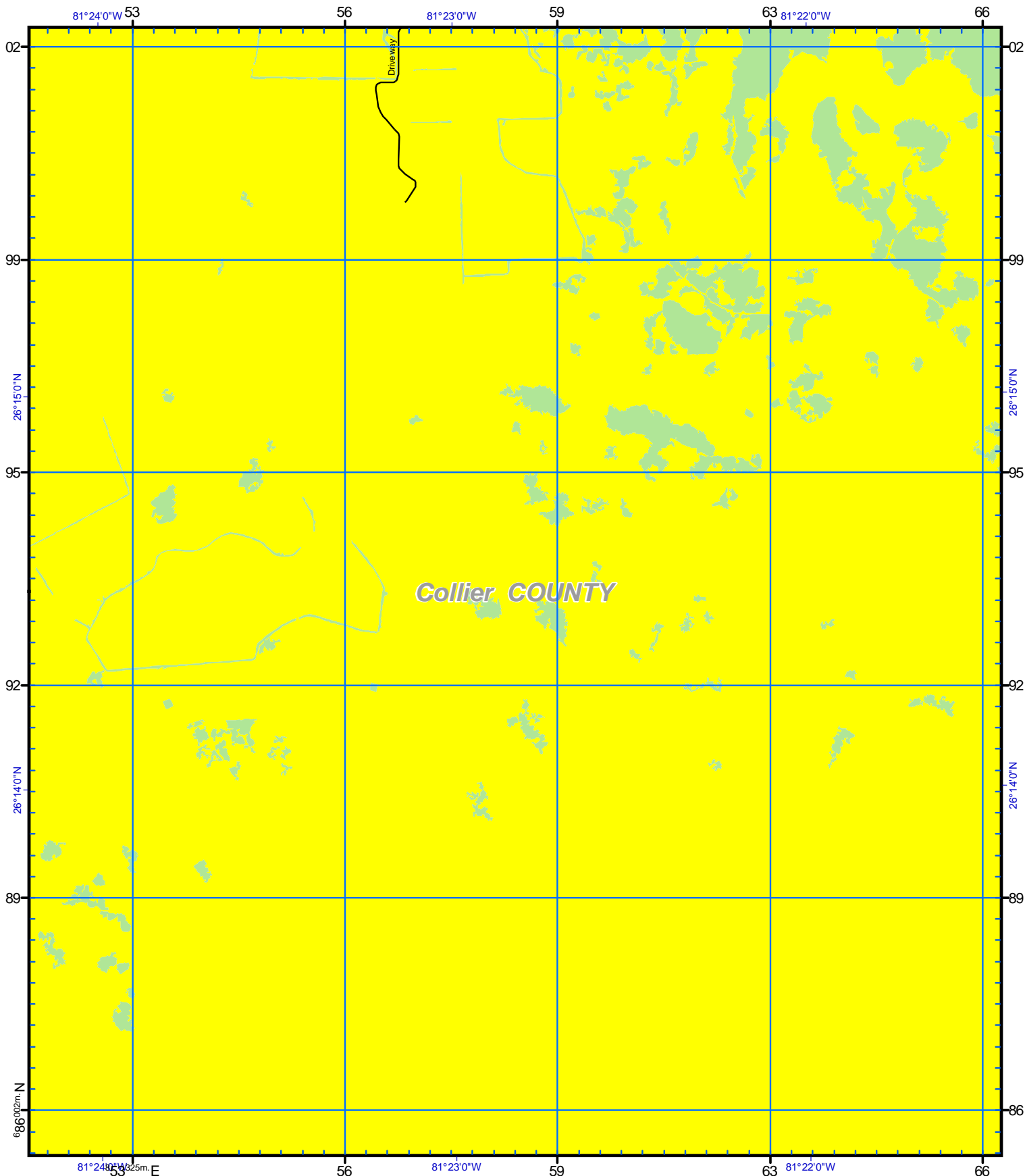
Page 256

Legend

● Ref Point	
⌘ HOSPITAL	
⌘ City Limits	
— Evac Route	
■ WATER	
Cat	TS
1	1
2	2
3	3
4	4
5	5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 60 00

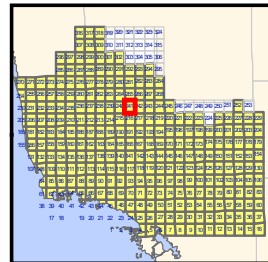
Map Plate 241

Page 257

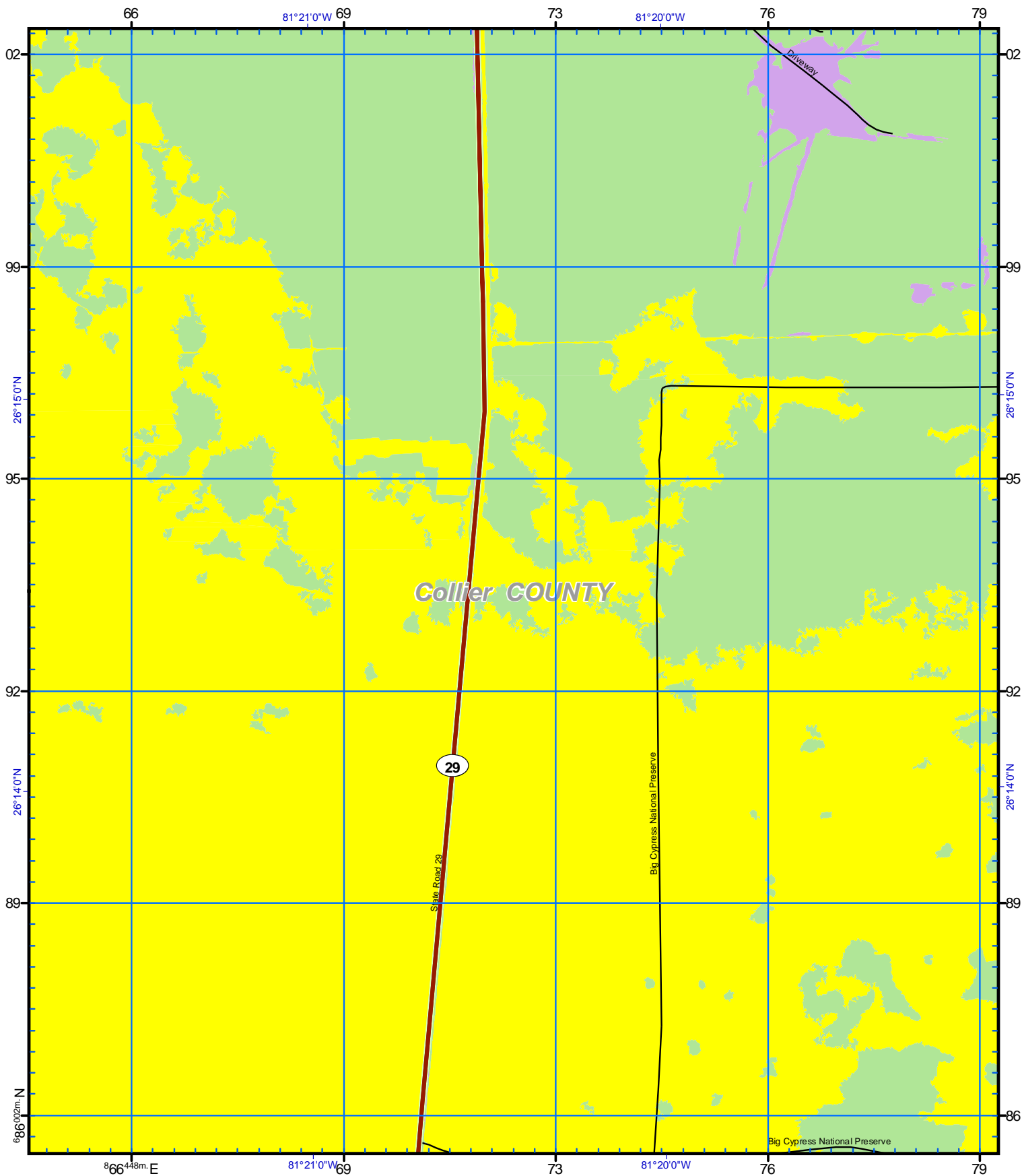
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
2	
3	
4	
5	



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 64 00

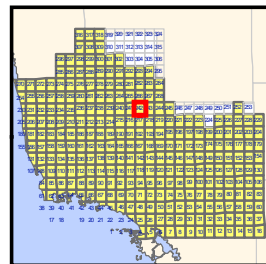
Map Plate 242

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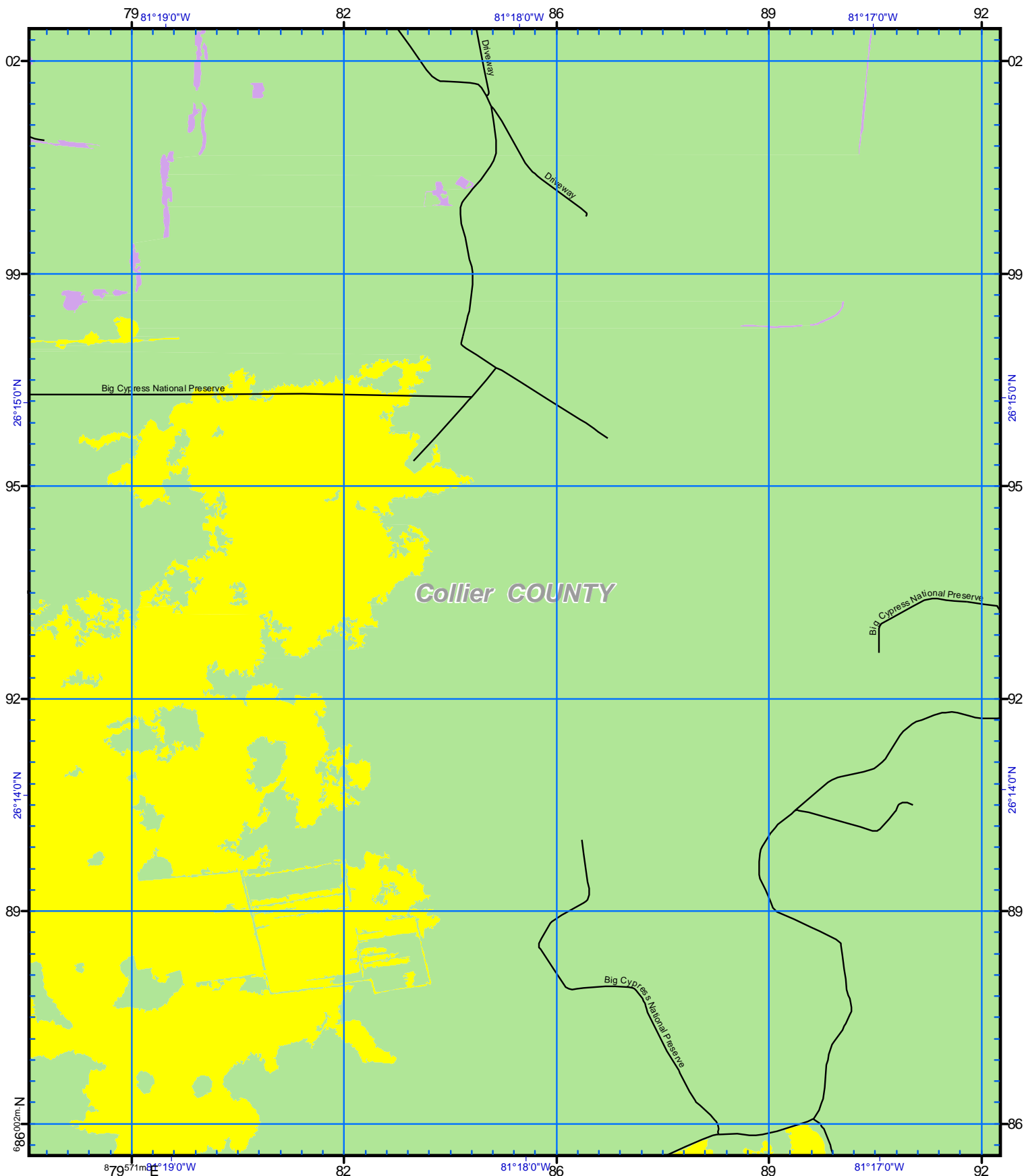
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 68 00

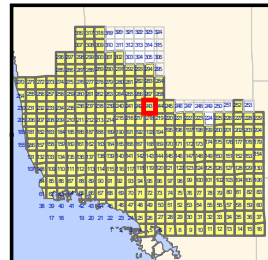
Map Plate 243

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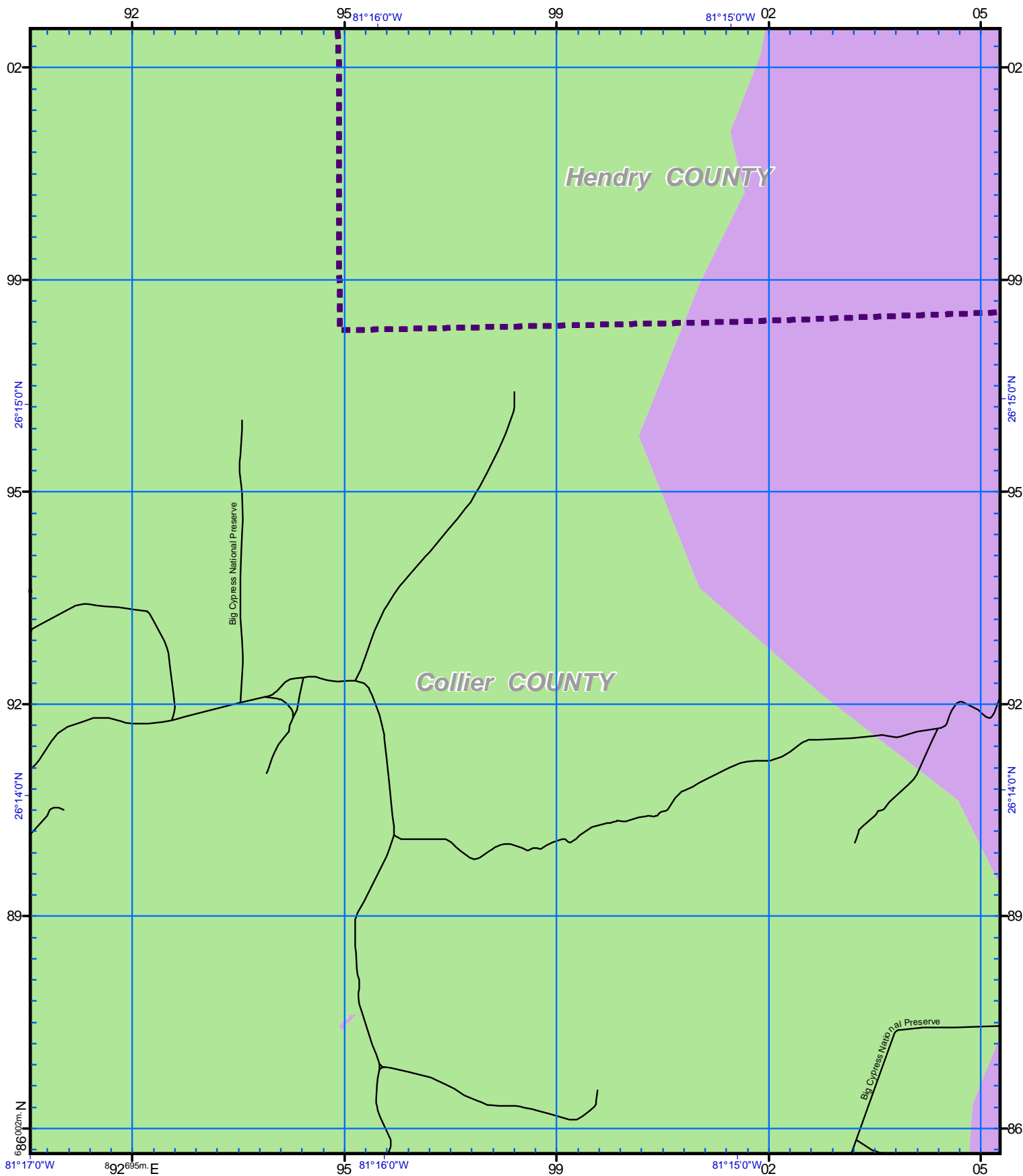
Legend

- Ref Point
- ⌘ HOSPITAL
- ▭ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

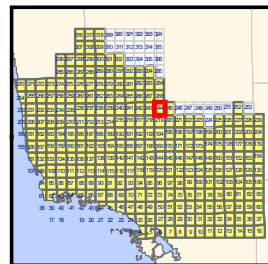
USNG Page 17R MK 72 00

Map Plate 244

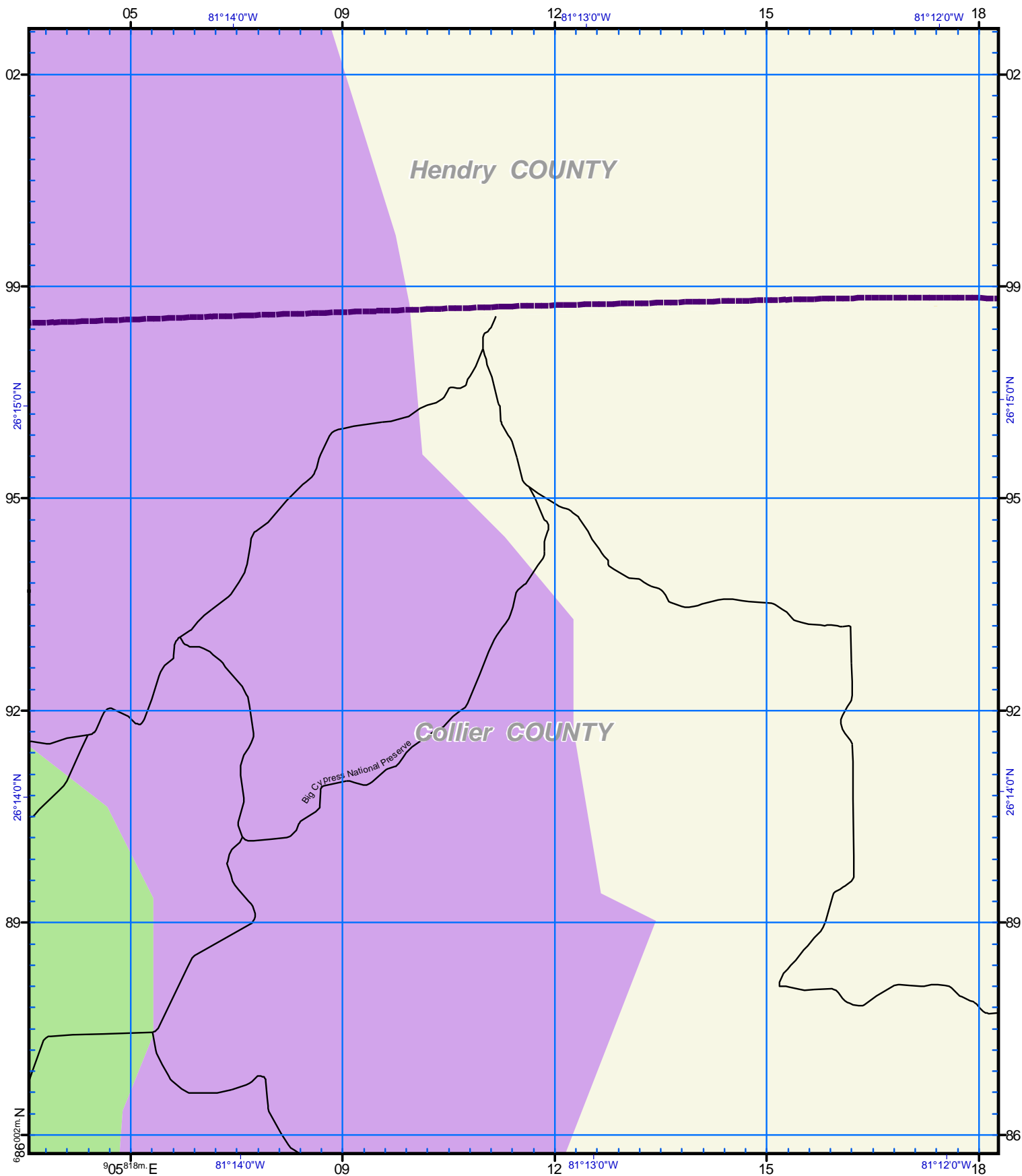
Page 260

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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management implementation are local responsibilities.
Please consult with local authorities.



US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 76 00

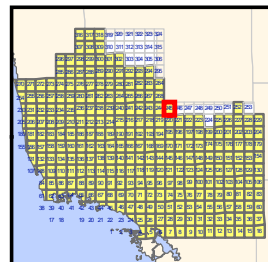
Map Plate 245

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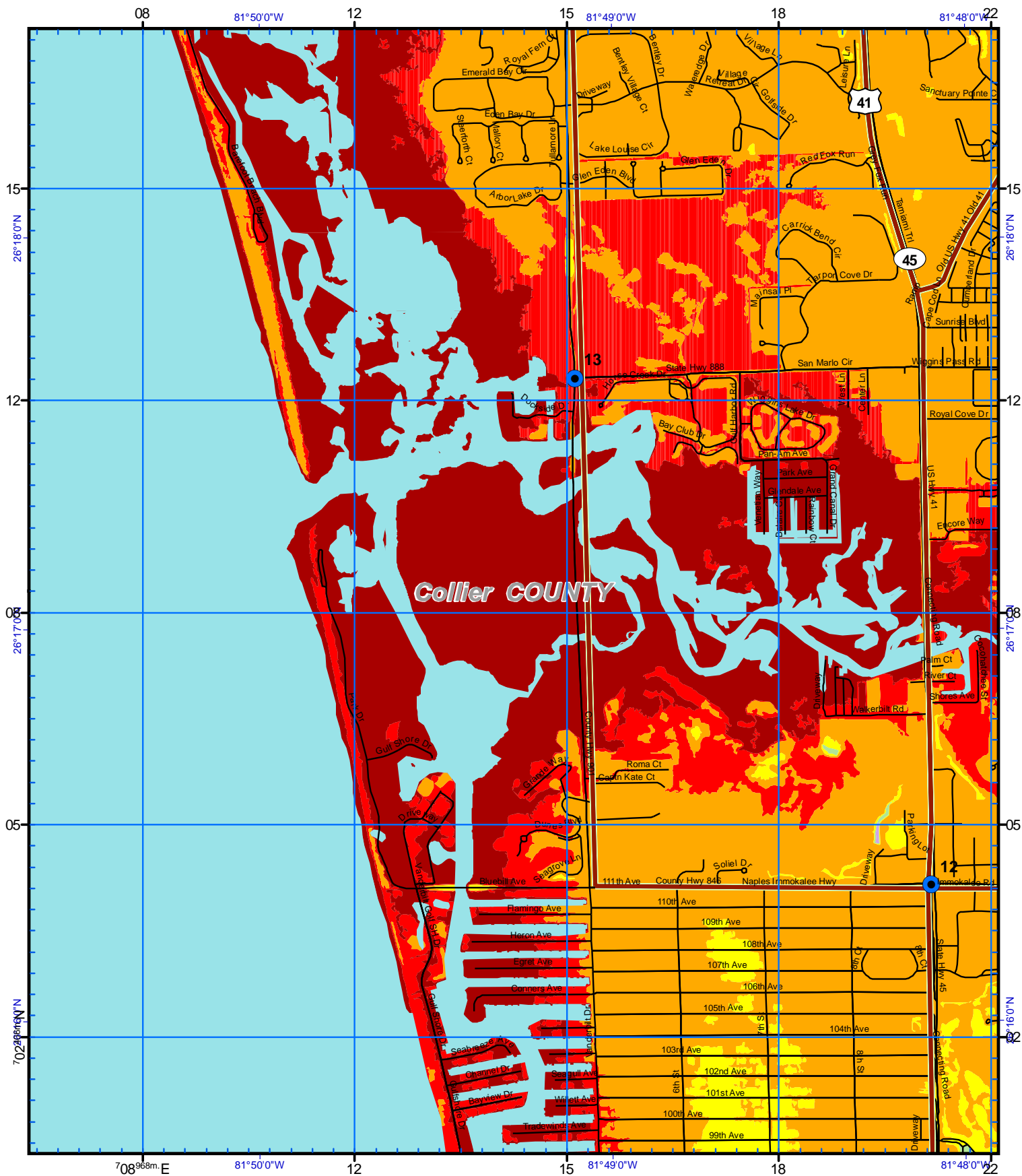
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬮ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
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MK
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 16 05

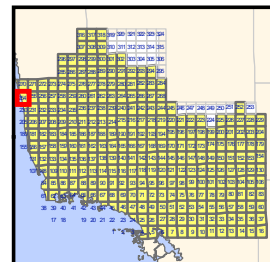
Map Plate 254

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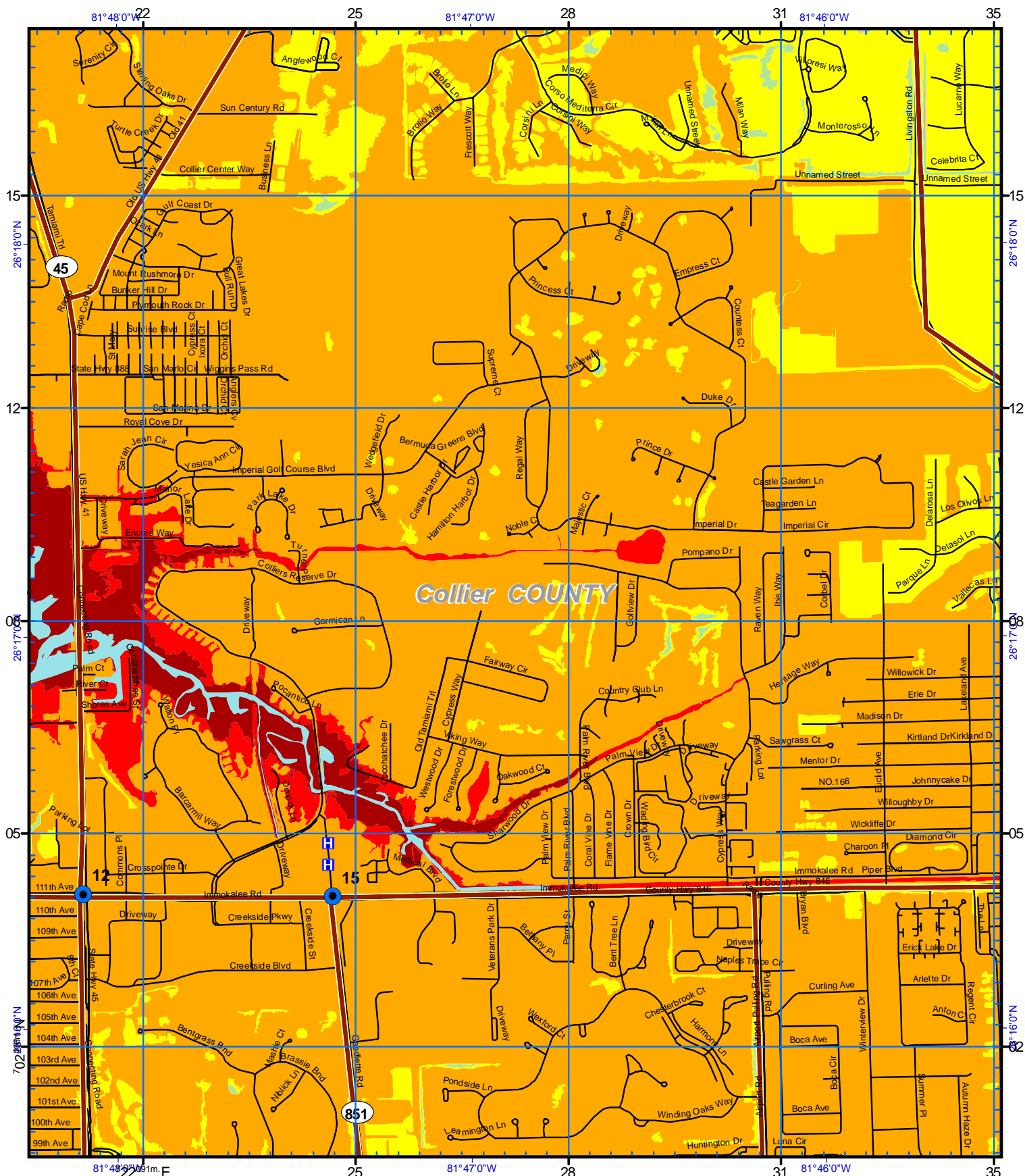
Legend

- Ref Point
- HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	1
2	2
3	3
4	4
5	5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

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Notes:
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still water storm tide height
elevation above NAVD88
at high tide with no wave
setup.
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Maximum surge heights over
LIDAR based digital
elevation.
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locations determined to be
relevant to emergency man-
agement officials.

Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 20 05

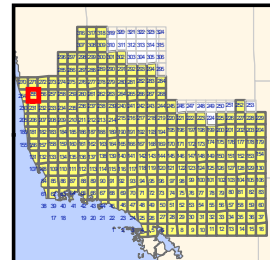
Map Plate 255

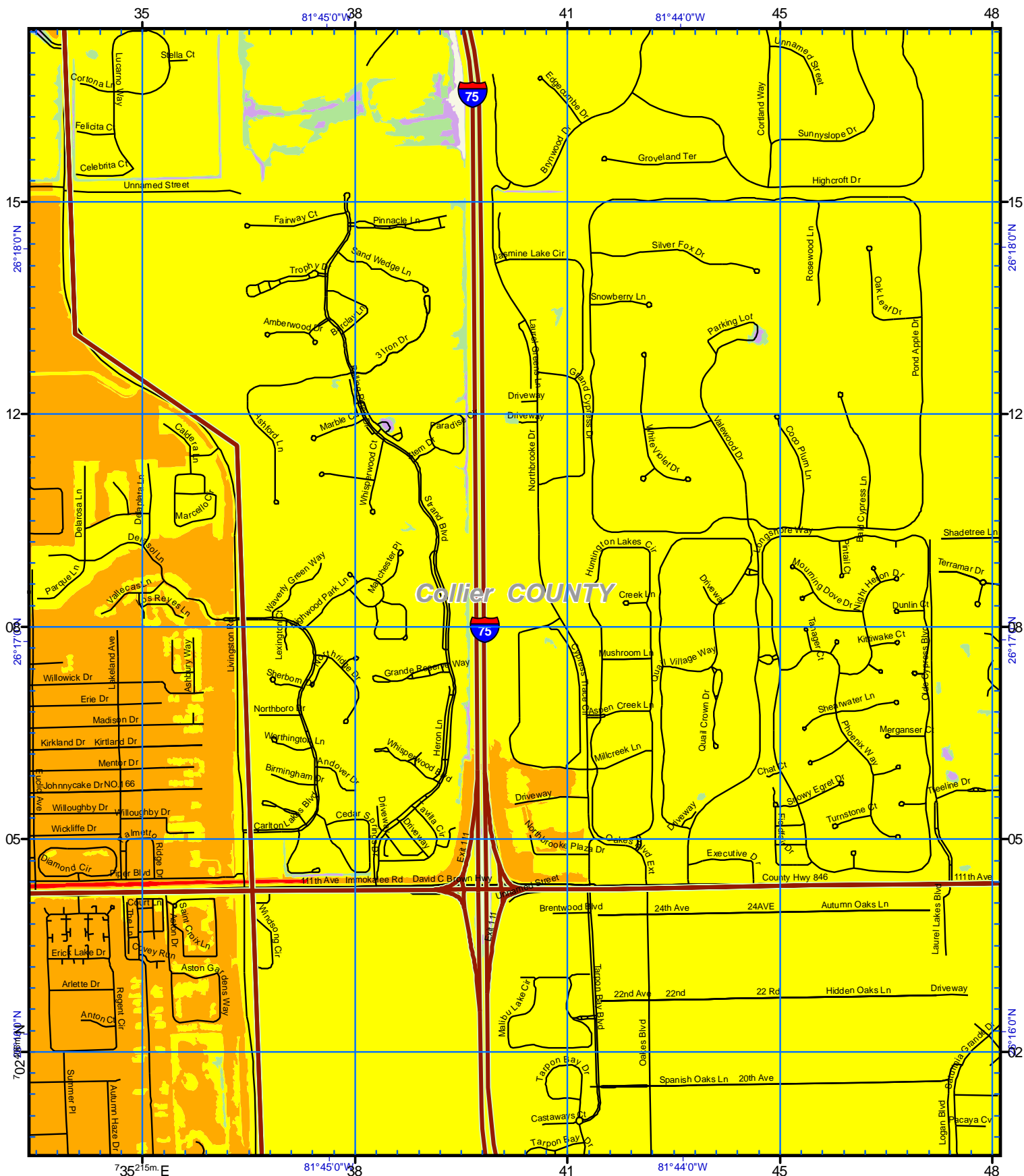
Page 263

Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Dark Green





US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 24 05

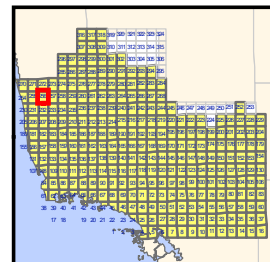
Map Plate 256

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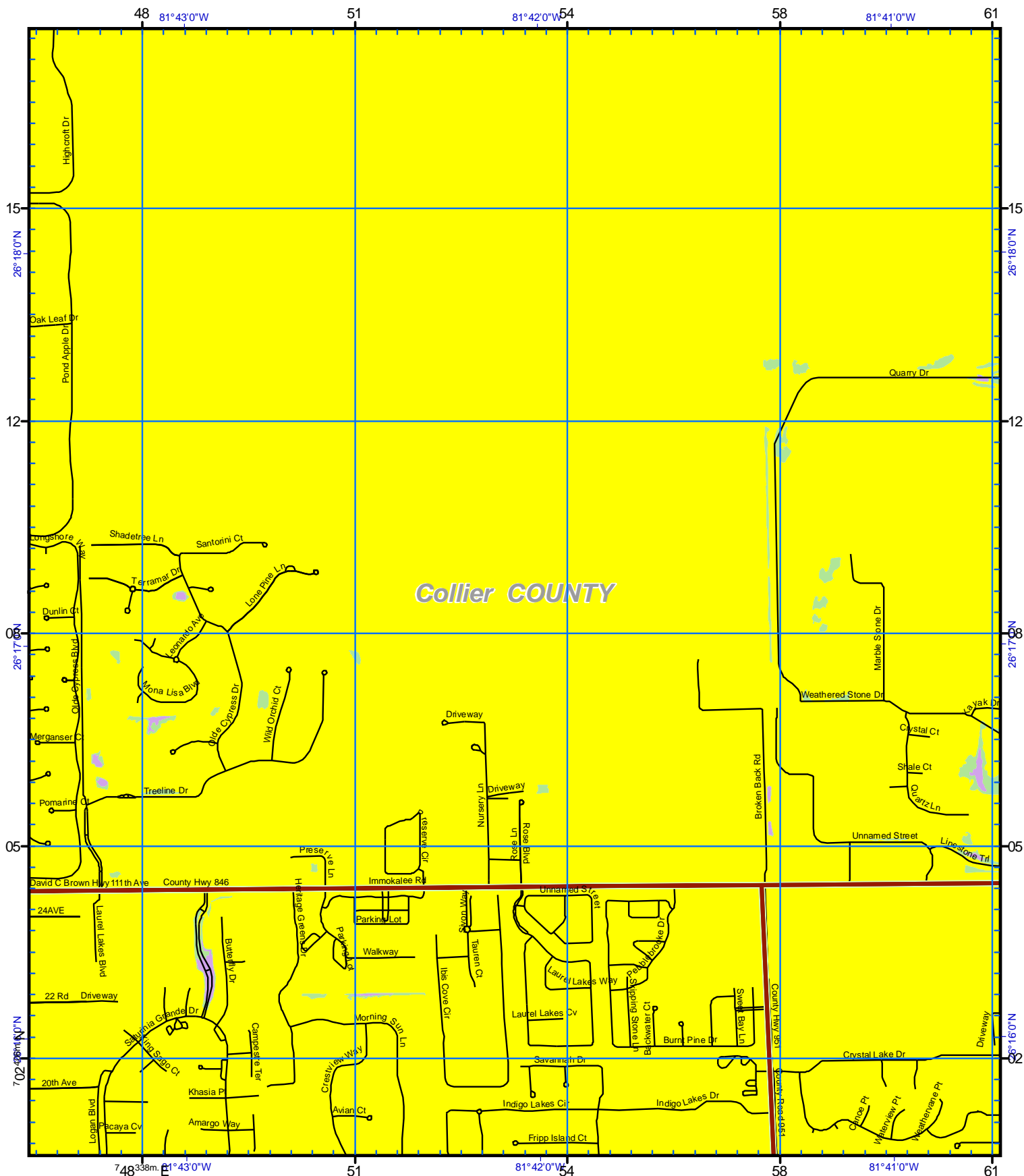
Legend

- Ref Point
- ⌘ HOSPITAL
- ▭ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Dark Green



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 28 05

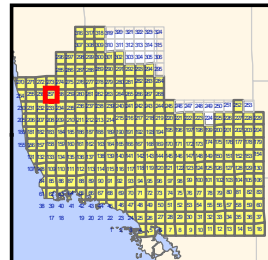
Map Plate 257

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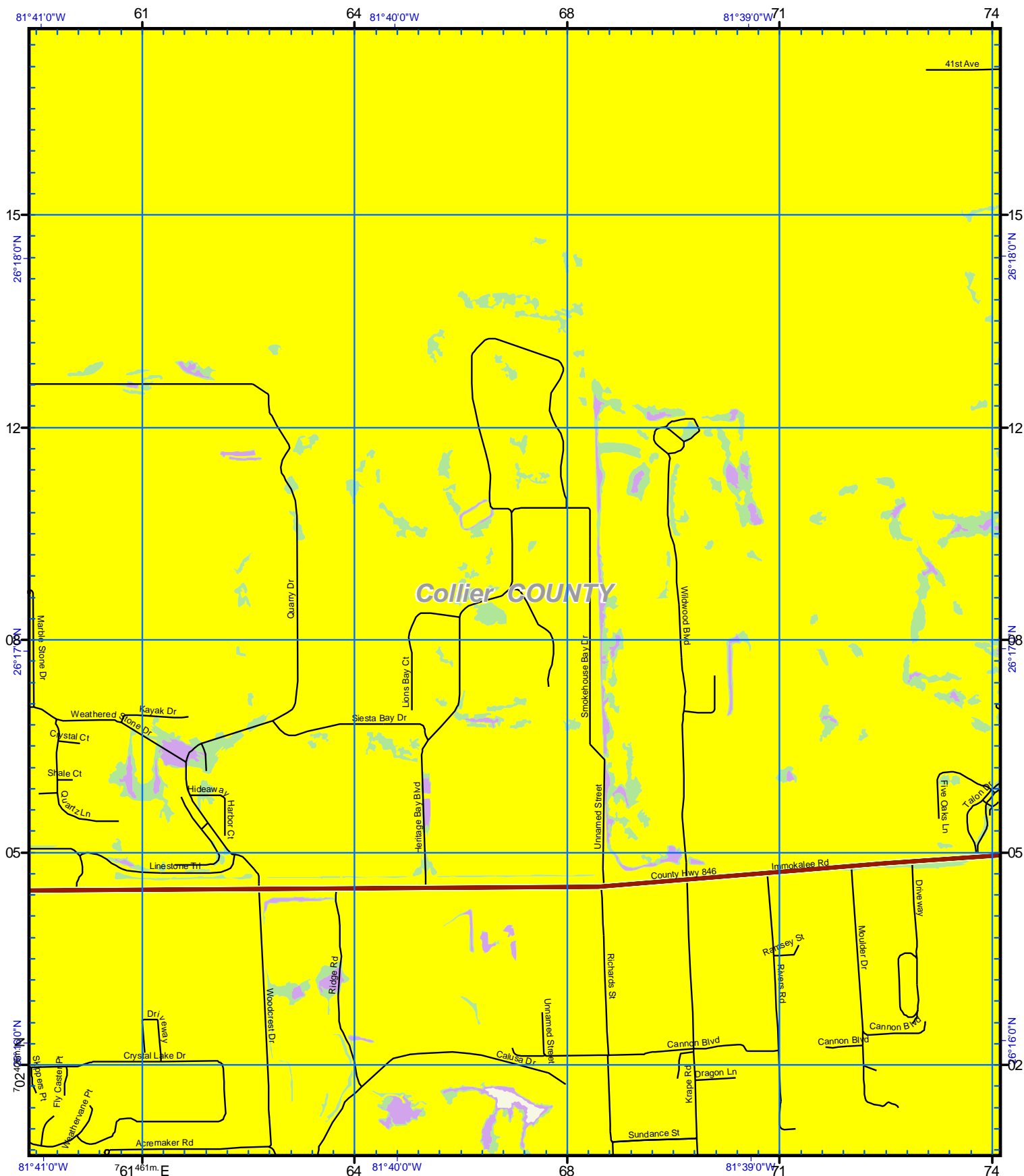
Legend

- Ref Point
- H HOSPITAL
- C City Limits
- Evac Route
- WATER

Cat	TS
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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 32 05

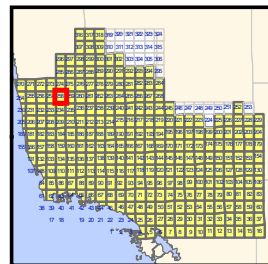
Map Plate 258

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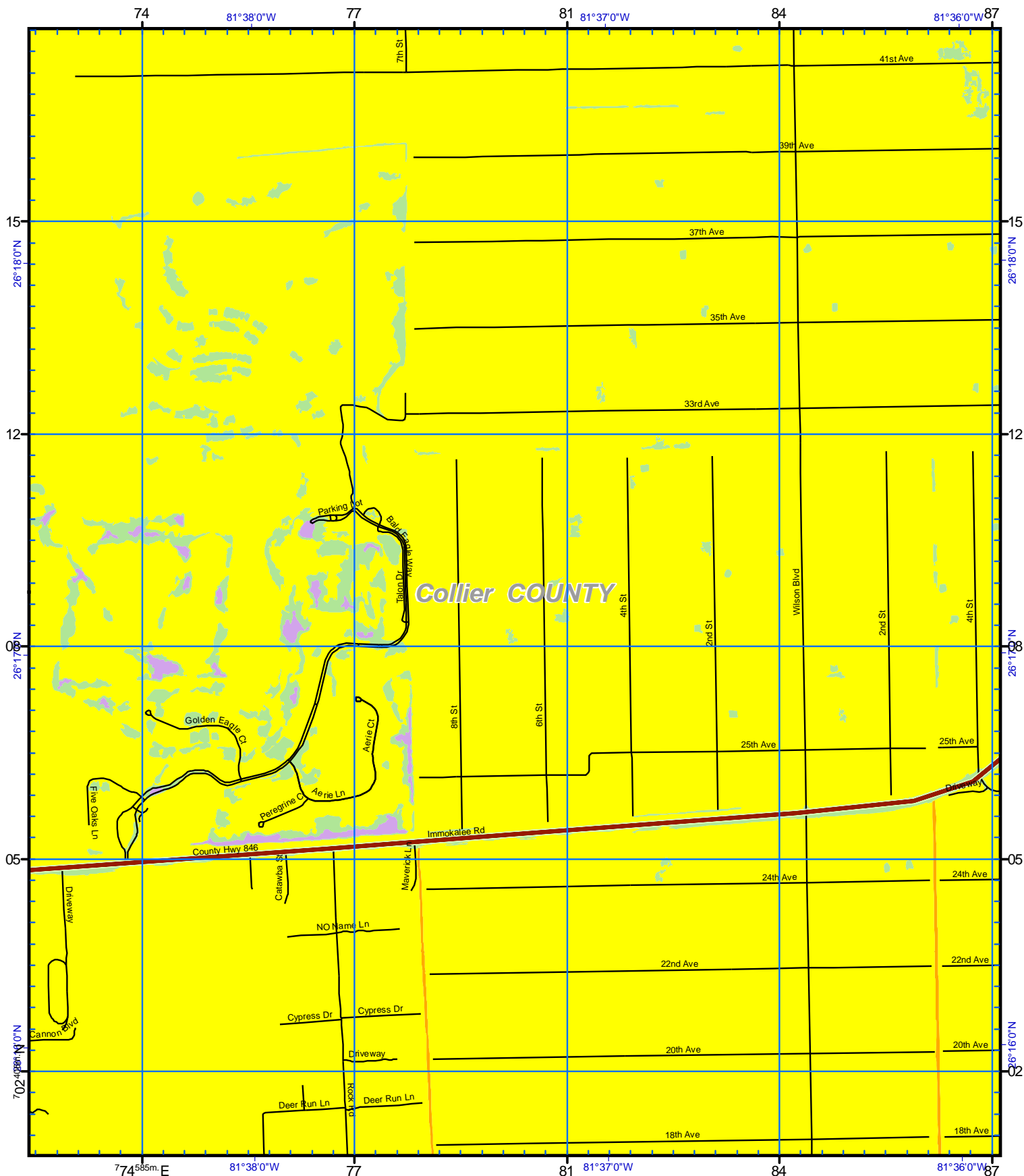
Legend

- Ref Point
- ⌘ HOSPITAL
- ▭ City Limits
- Evac Route
- WATER

Cat
TS
1
2
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5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 36 05

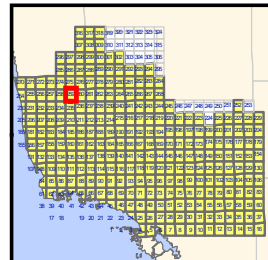
Map Plate 259

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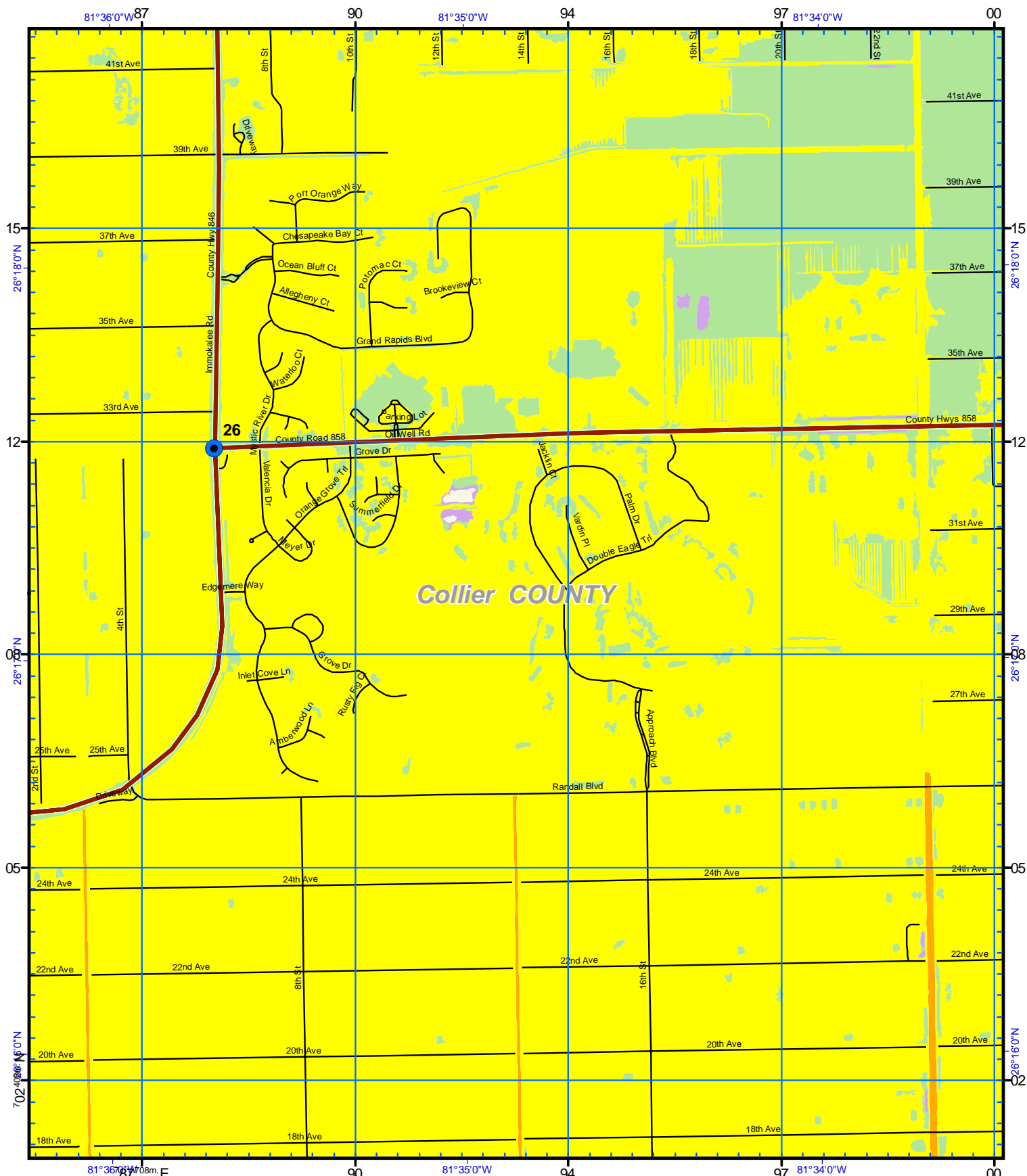
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 40 05

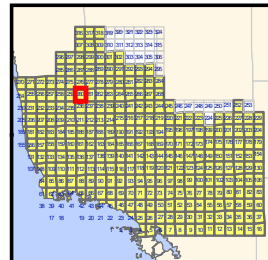
Map Plate 260

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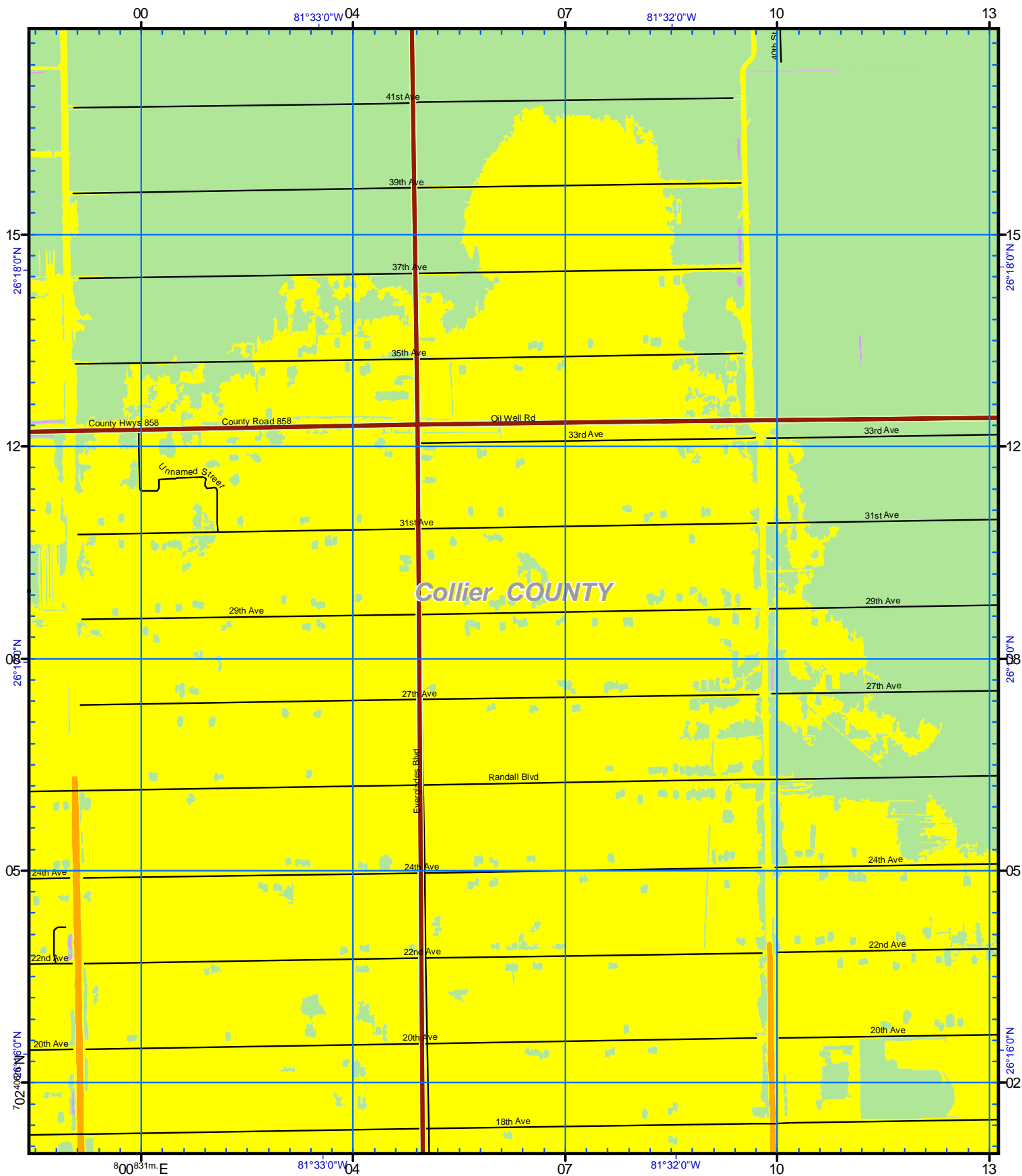
Legend

● Ref Point
H HOSPITAL
City Limits
Evac Route
WATER

Cat
TS
1
2
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4
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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 44 05

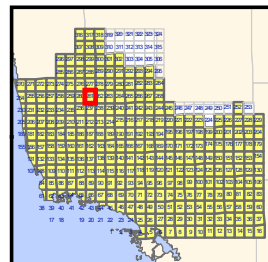
Map Plate 261

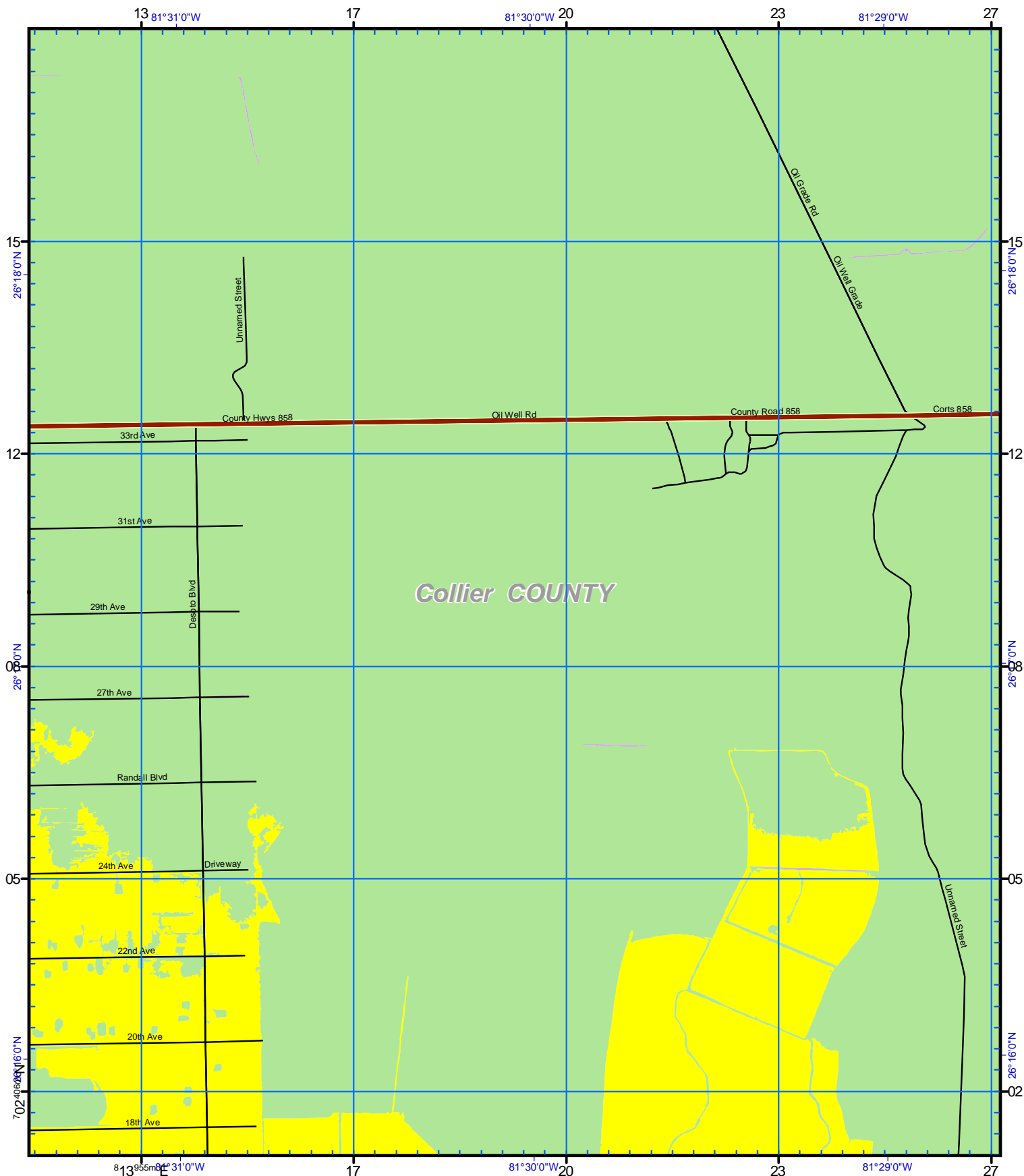
Page 269

Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

- | Cat | TS |
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| 1 | |
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| 4 | |
| 5 | |





US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 48 05

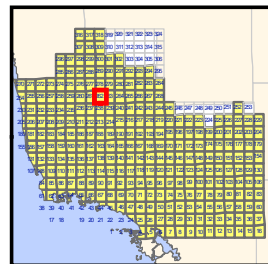
Map Plate 262

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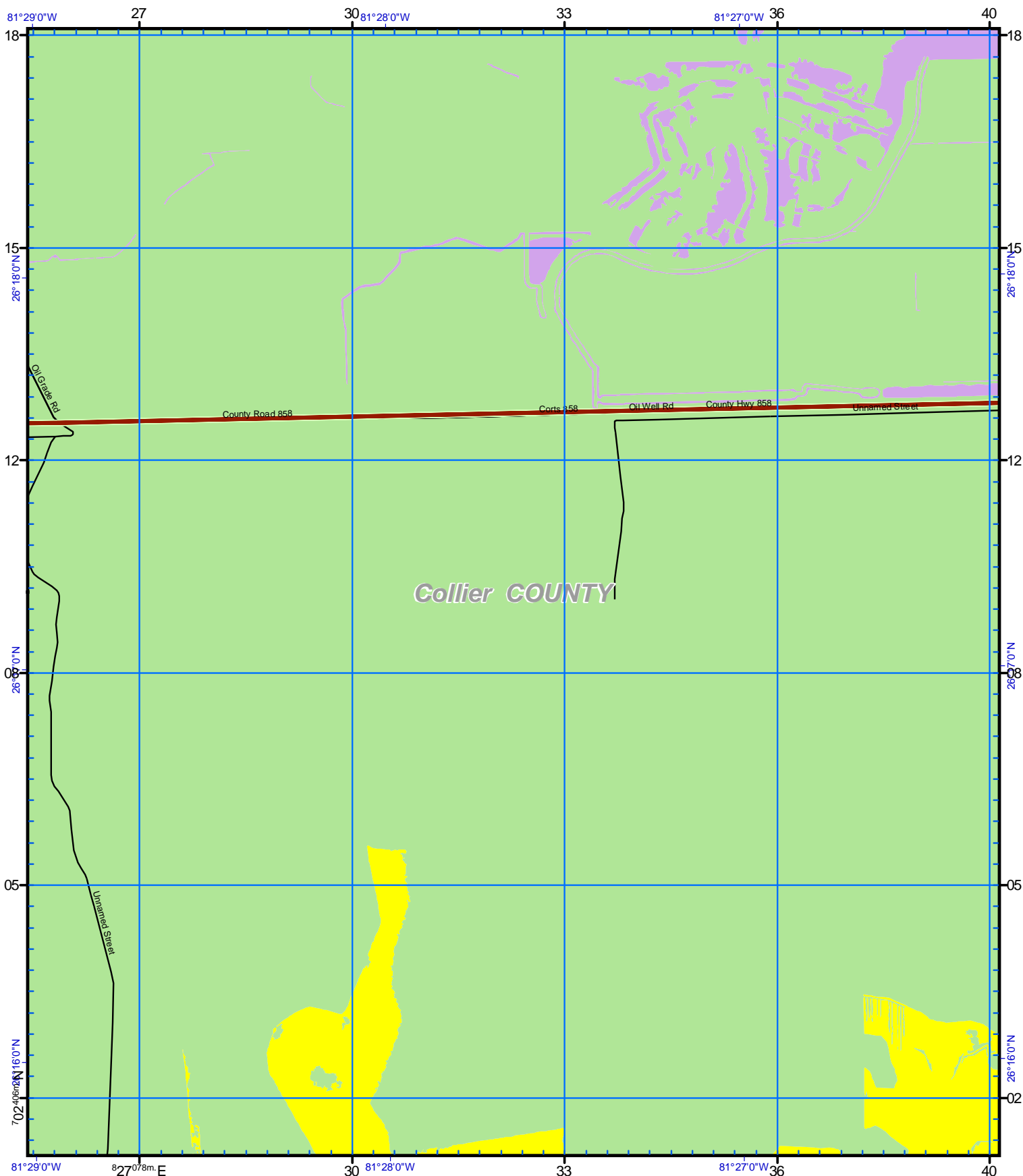
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

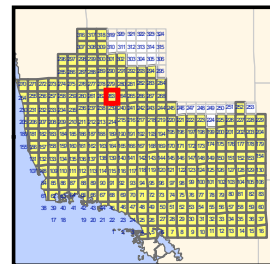
USNG Page 17R MK 52 05

Map Plate 263

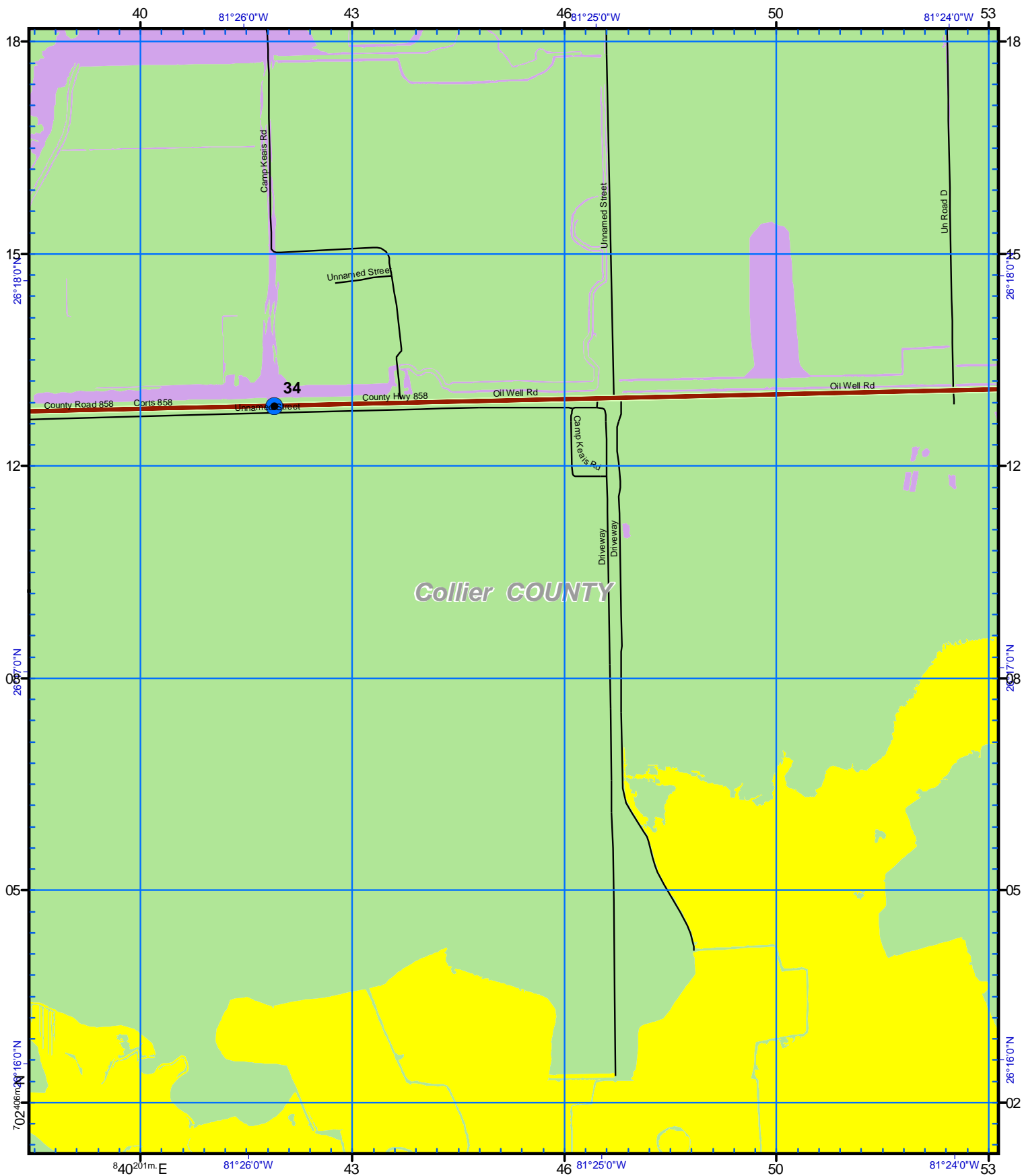
Page 271

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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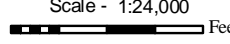
US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010
Scale - 1:24,000



USNG Page 17R MK 56 05

Map Plate 264

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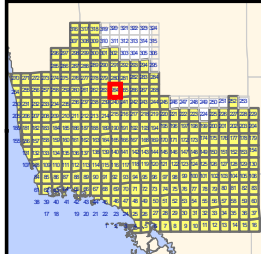
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

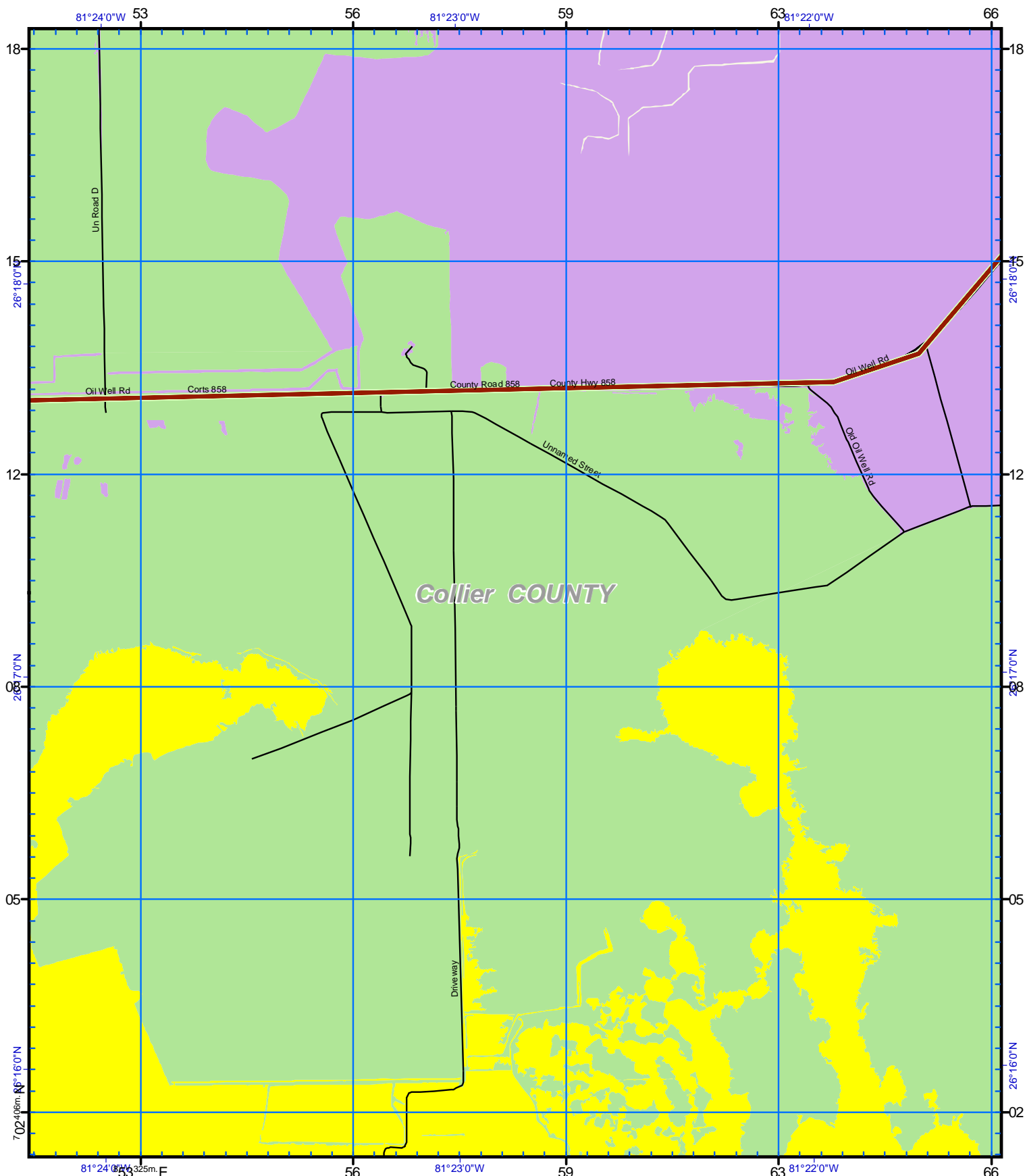
Cat

TS

- 1
- 2
- 3
- 4
- 5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 60 05

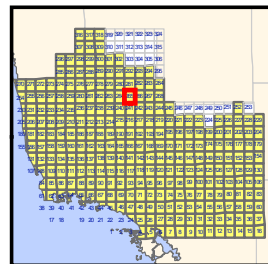
Map Plate 265

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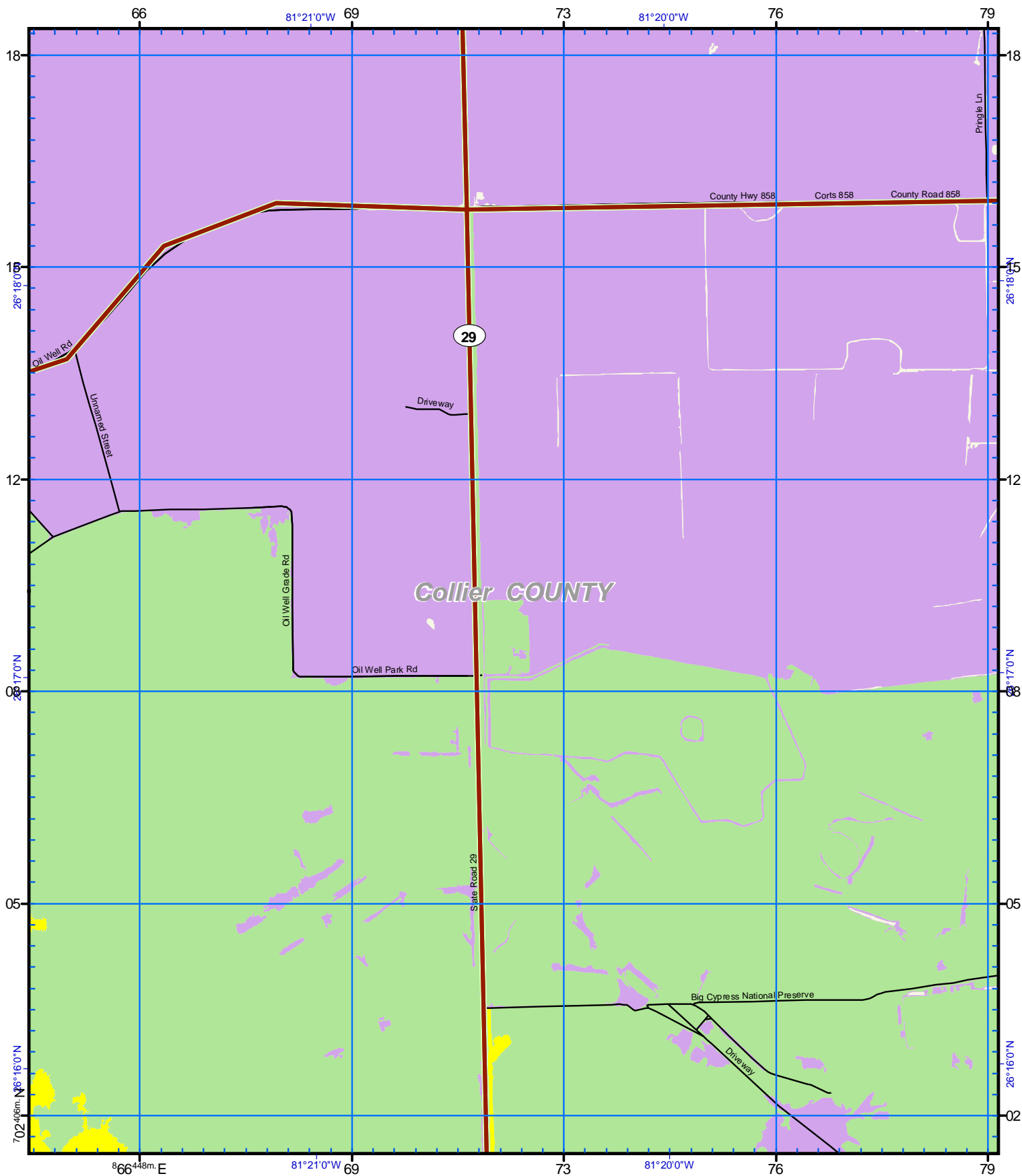
Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	
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Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 64 05

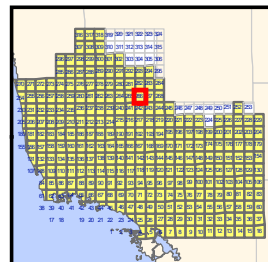
Map Plate 266

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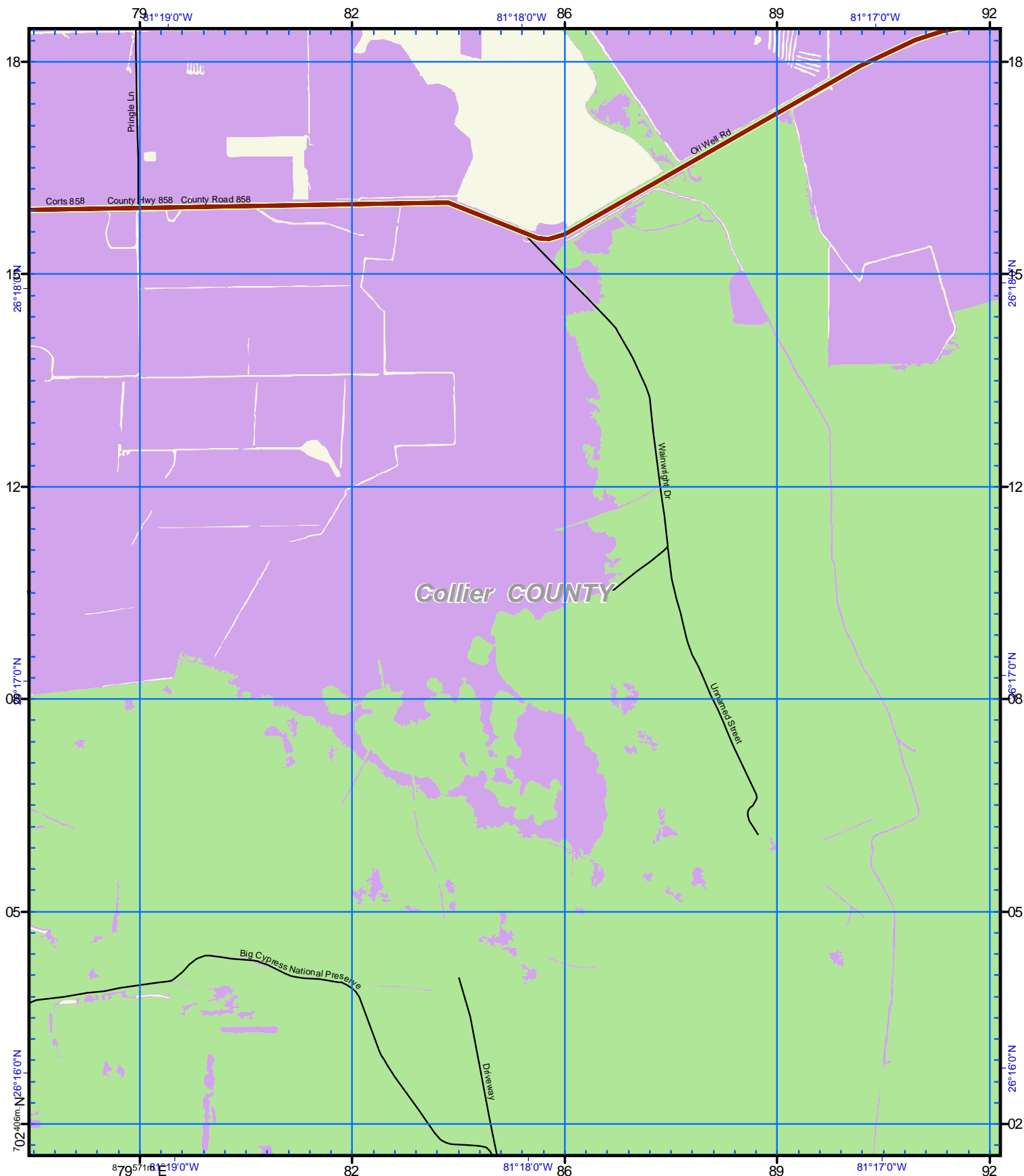
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 68 05

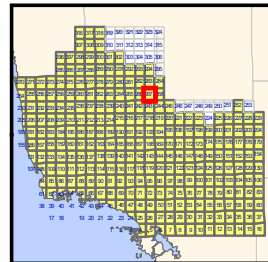
Map Plate 267

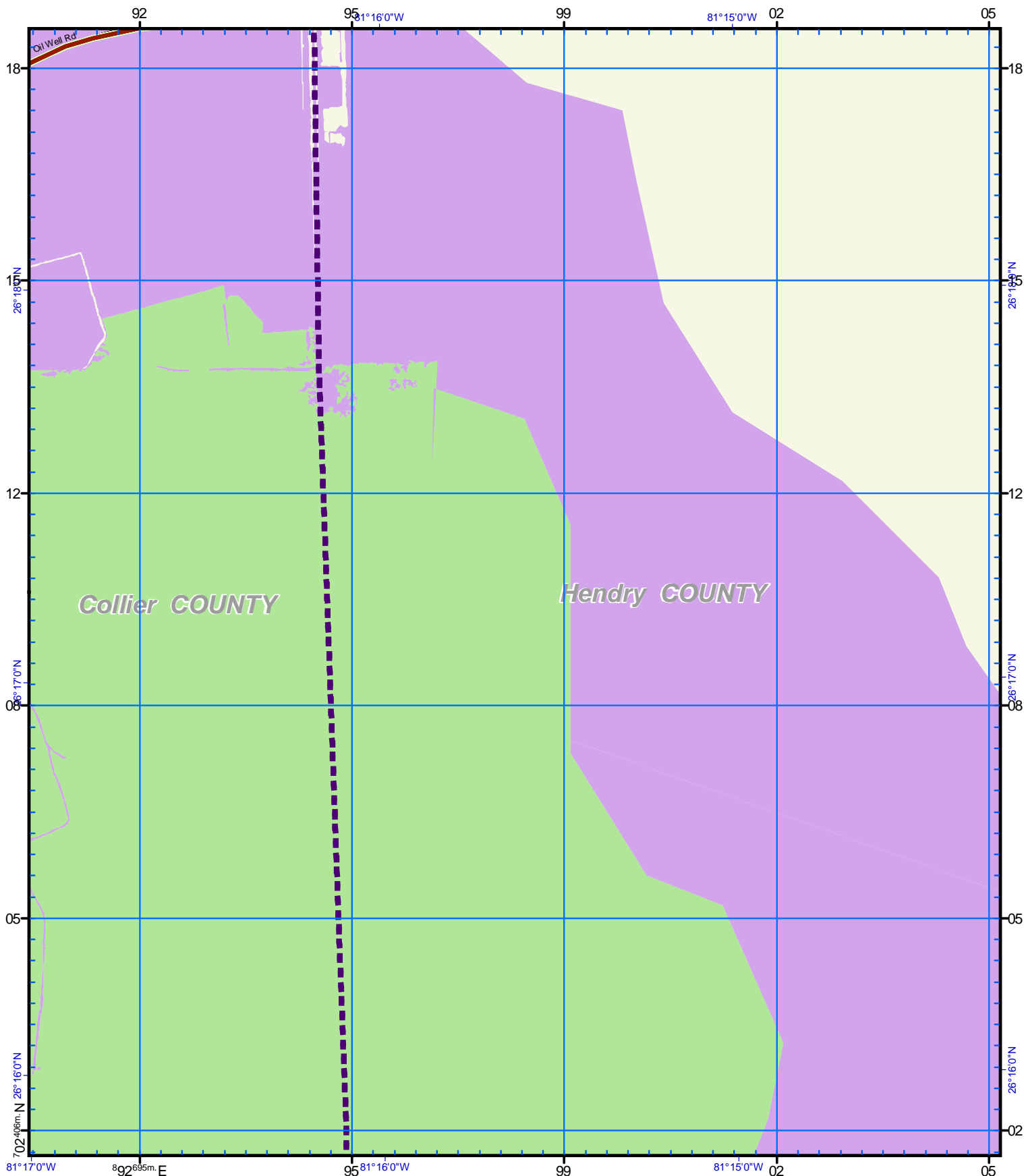
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Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat
TS
1
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4
5





US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 72 05

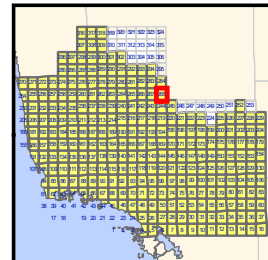
Map Plate 268

Page 276

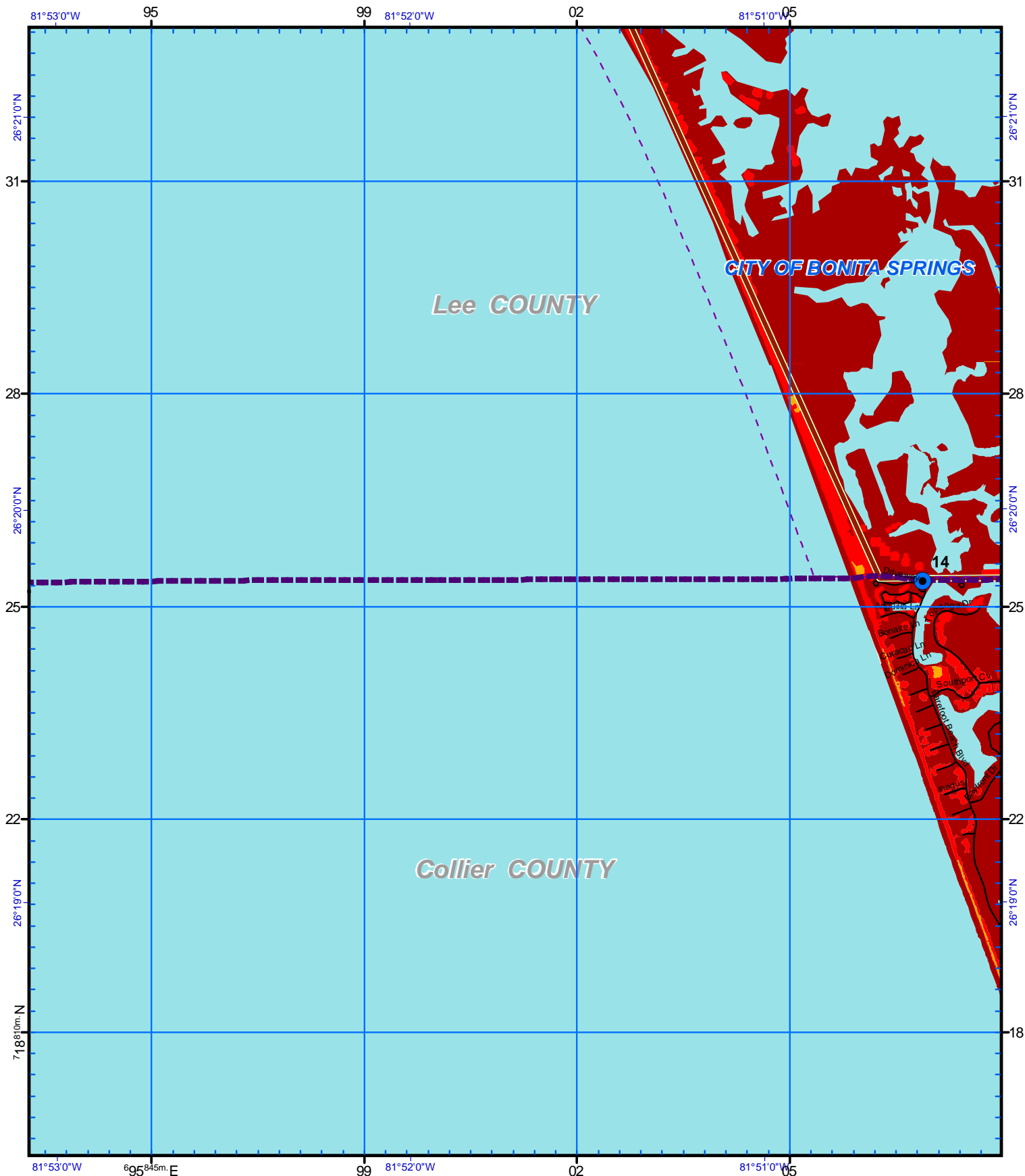
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 12 10

Map Plate 269

Page 277

Legend

● Ref Point

⌘ HOSPITAL

⌘ City Limits

— Evac Route

■ WATER

Cat

TS

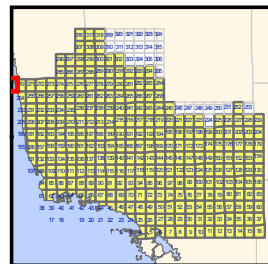
1

2

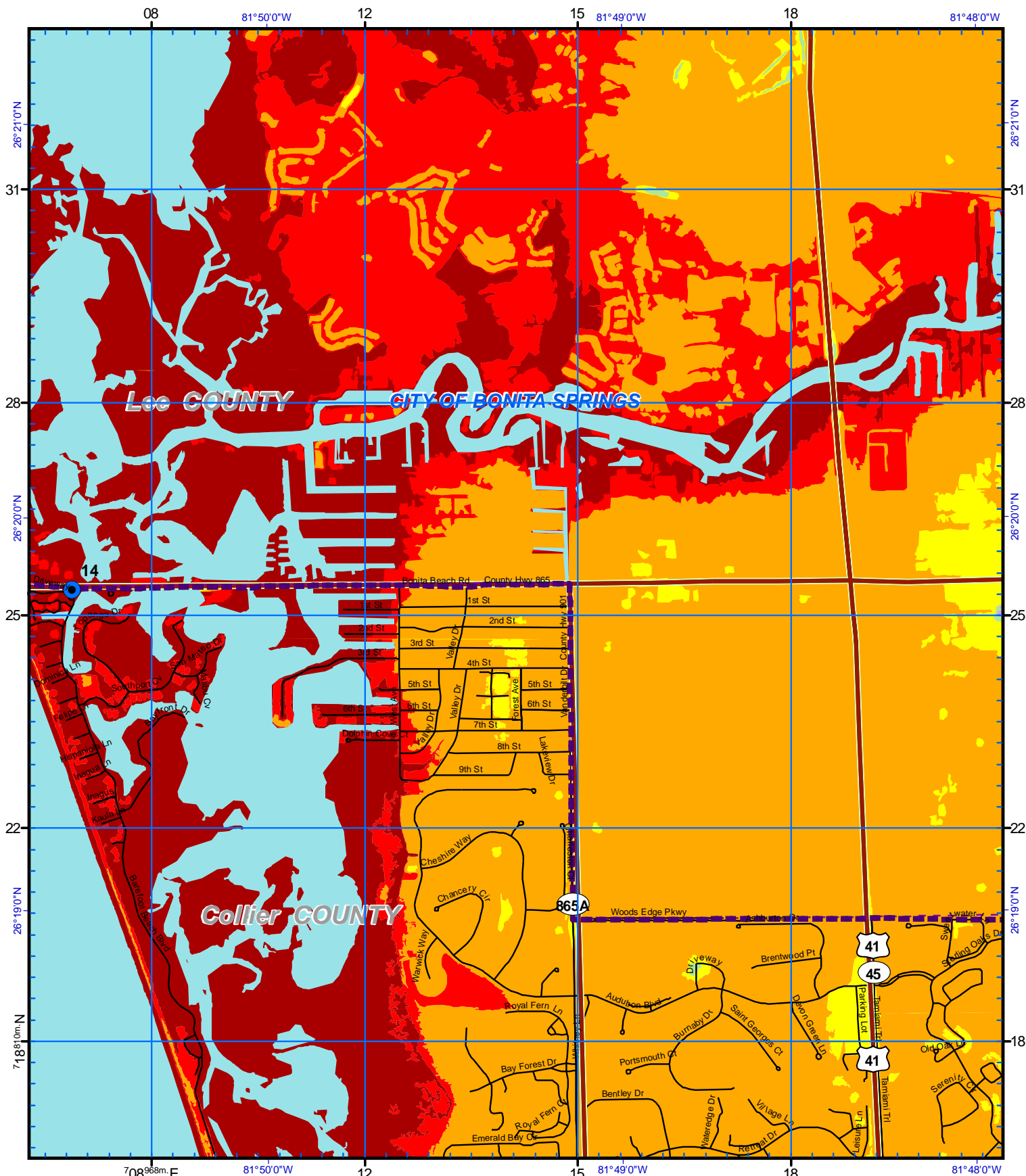
3

4

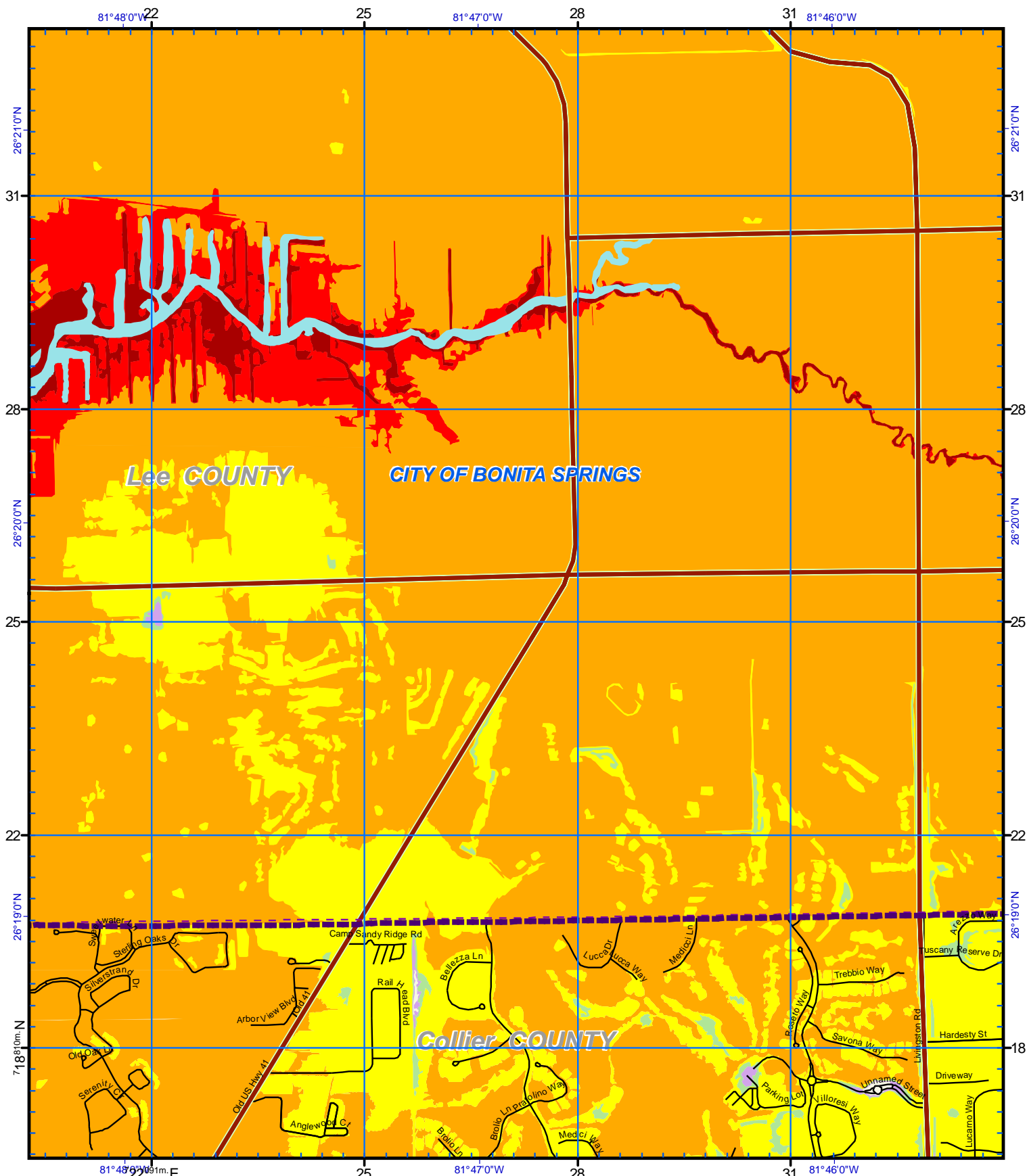
5



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US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 20 10

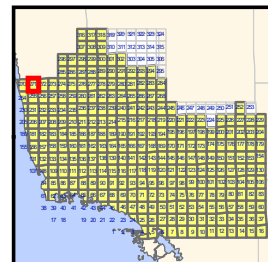
Map Plate 271

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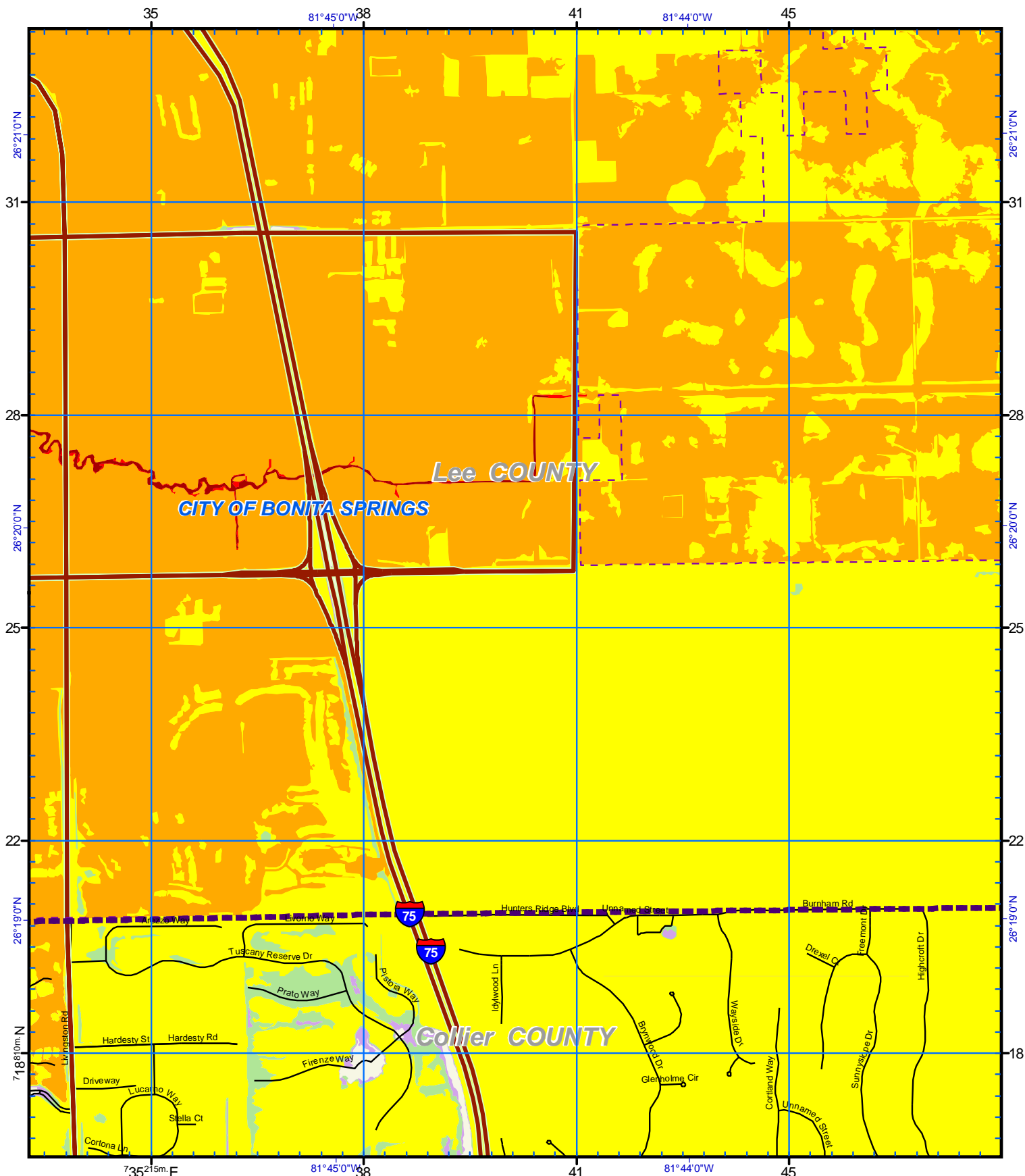
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Dark Green



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 24 10

Map Plate 272

Page 280

Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat

TS

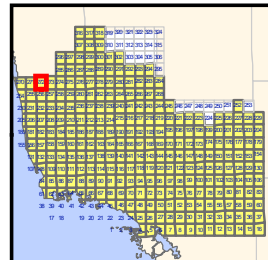
1

2

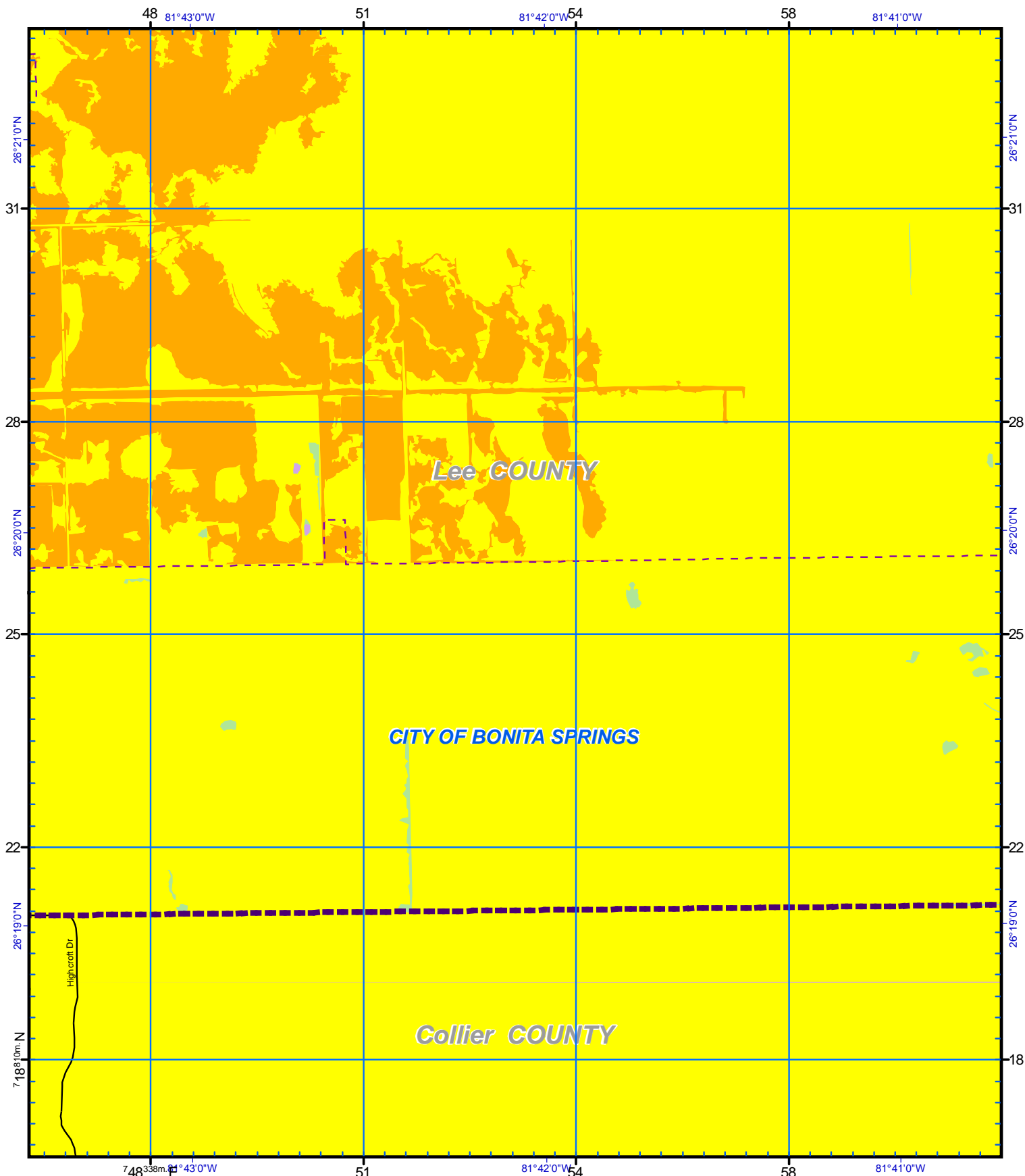
3

4

5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 28 10

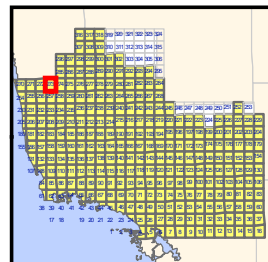
Map Plate 273

Page 281

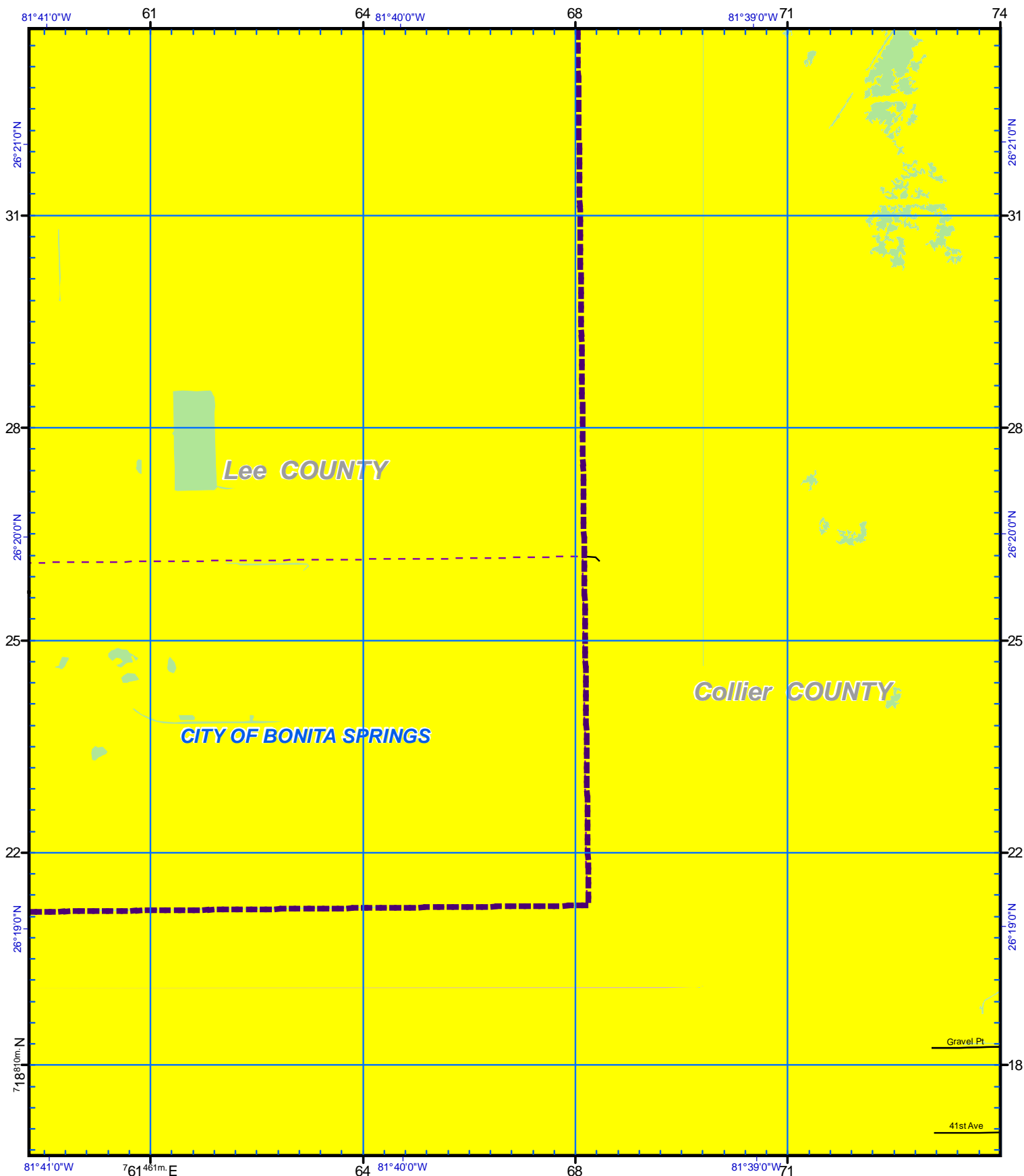
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

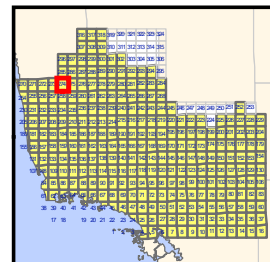
USNG Page 17R MK 32 10

Map Plate 274

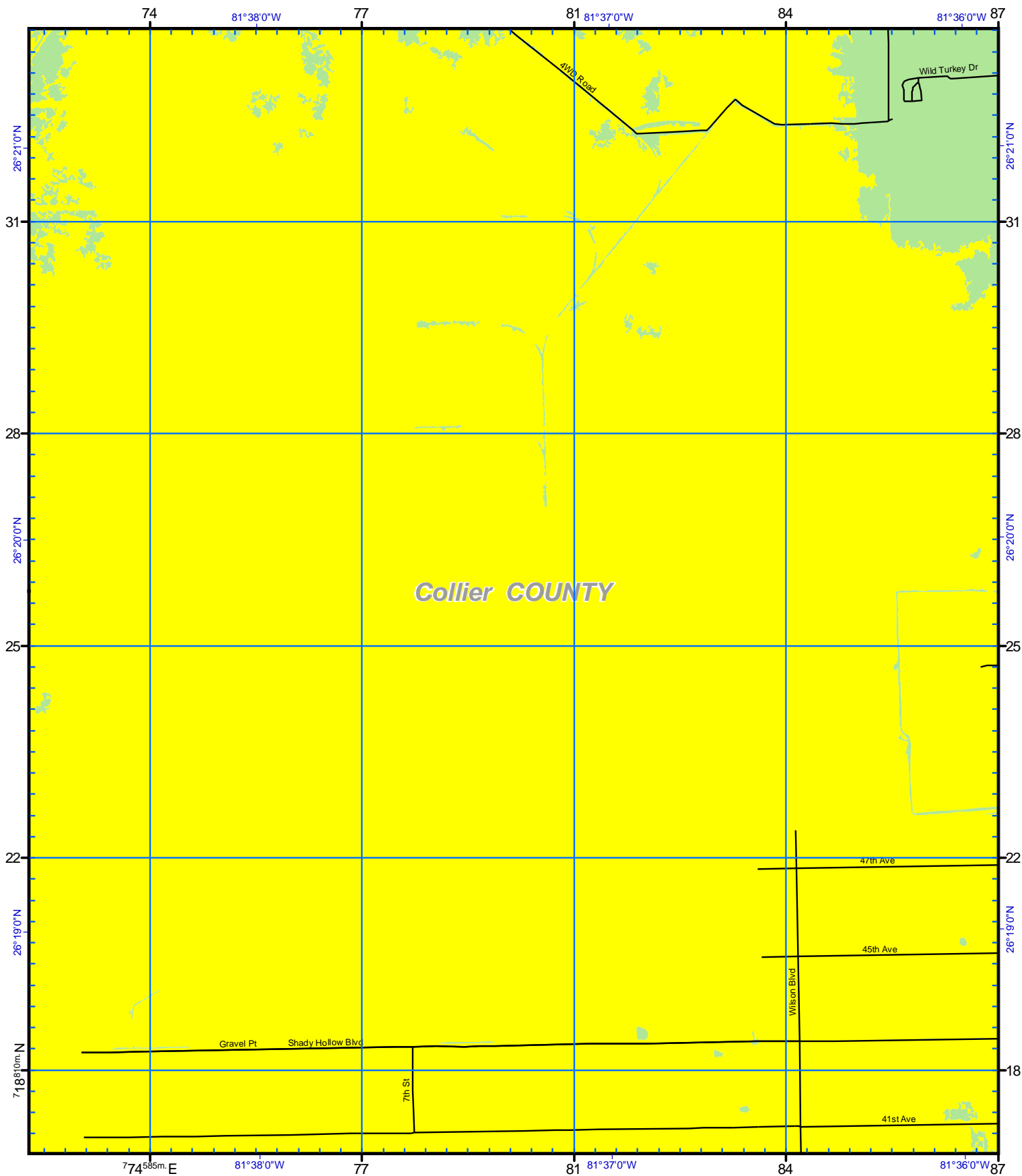
Page 282

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
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MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

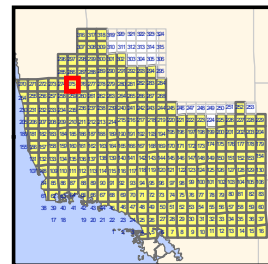
USNG Page 17R MK 36 10

Map Plate 275

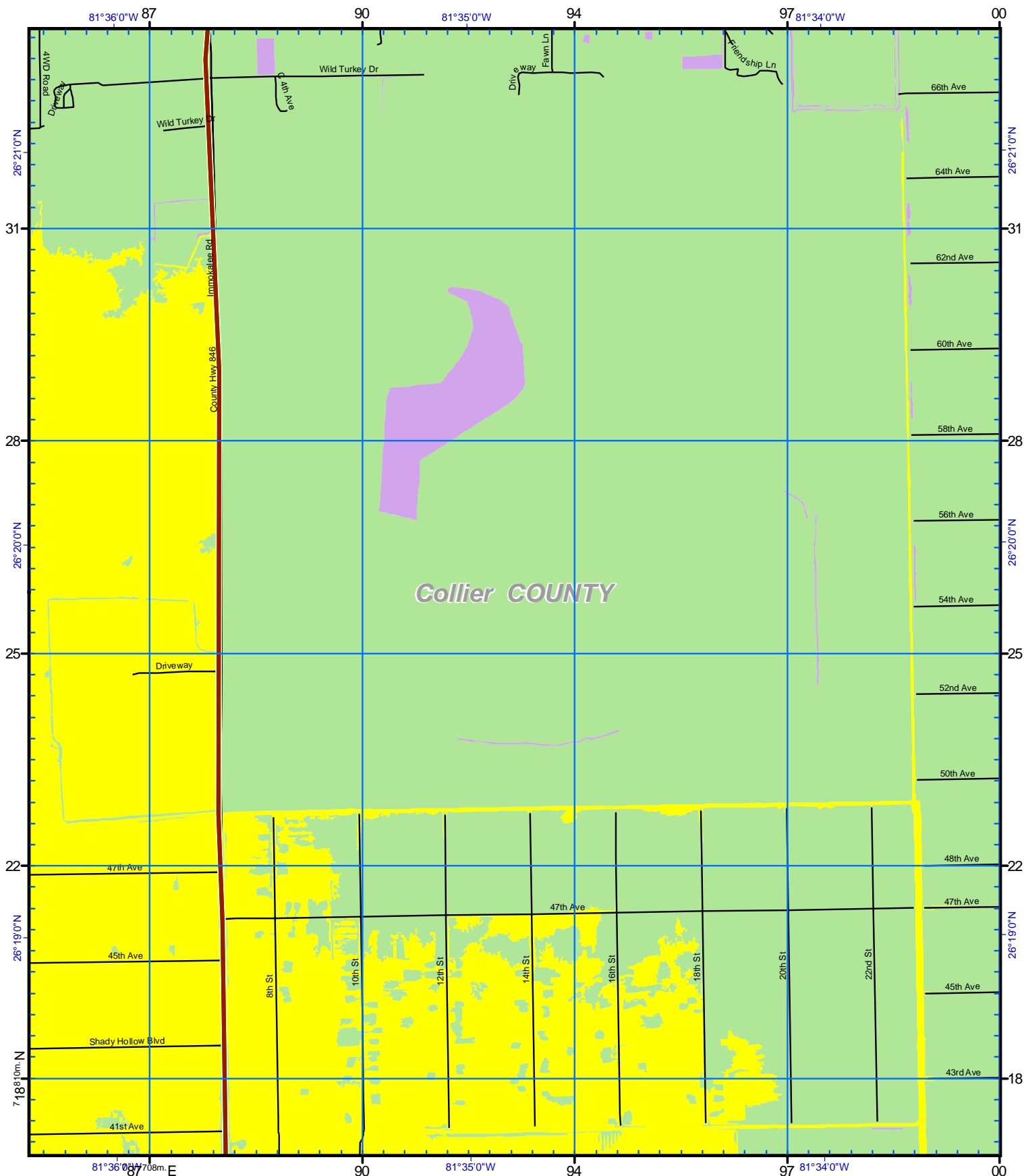
Page 283

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 40 10

Map Plate 276

Page 284

Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat

TS

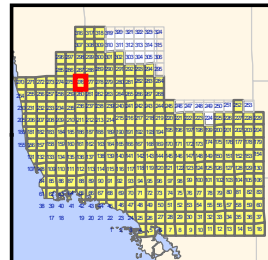
1

2

3

4

5



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 44 10

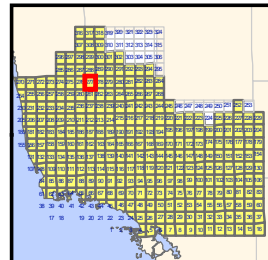
Map Plate 277

Page 285

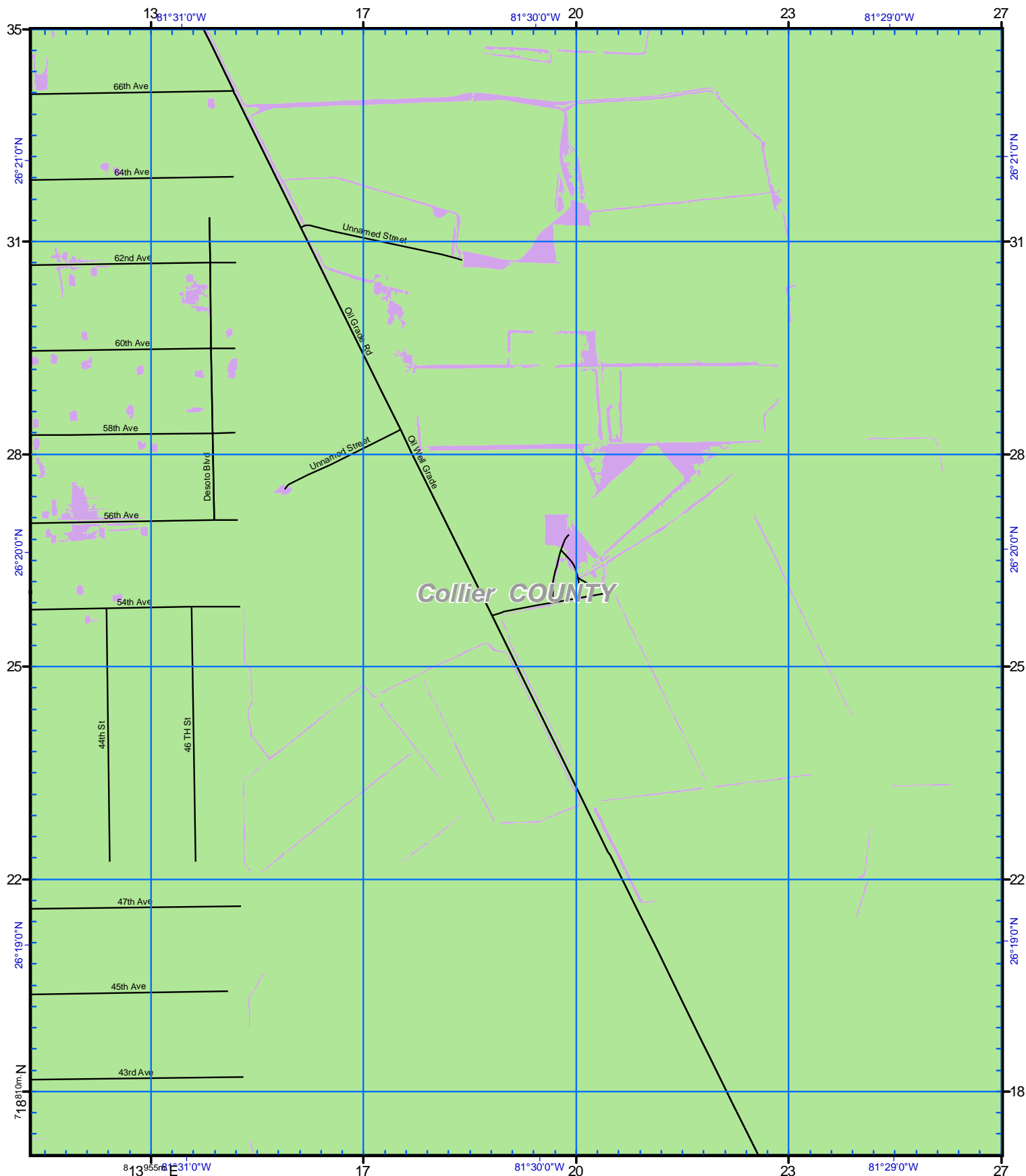
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬡ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

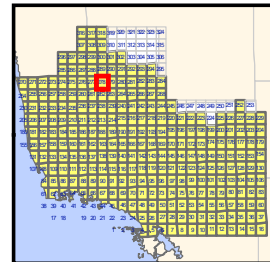
USNG Page 17R MK 48 10

Map Plate 278

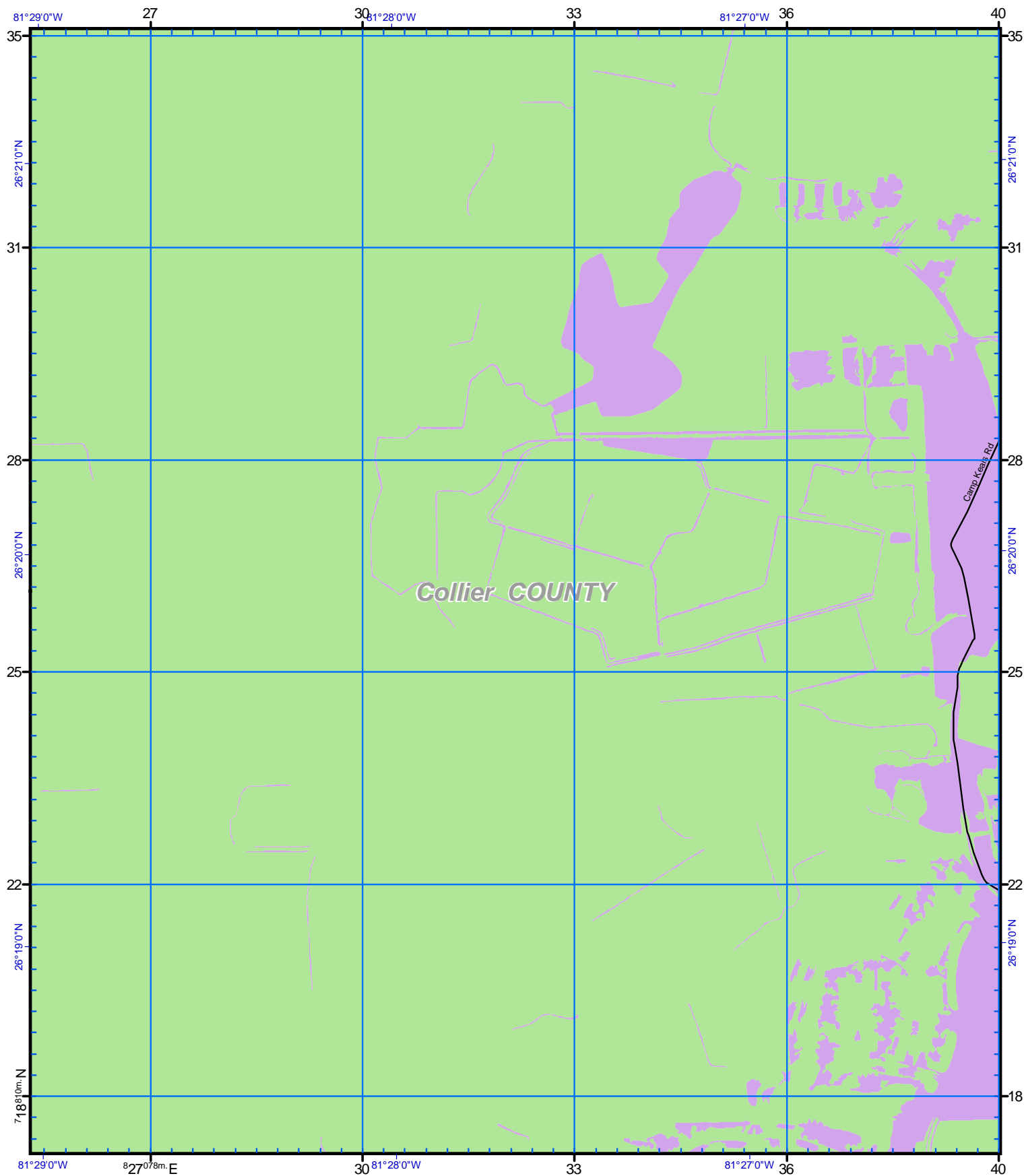
Page 286

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



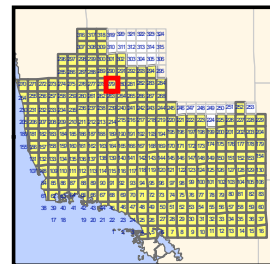
- Notes:
1. Surge limits are based on still water storm tide height elevation above NAVD88 at high tide with no wave setup.
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Storm Tide Zones

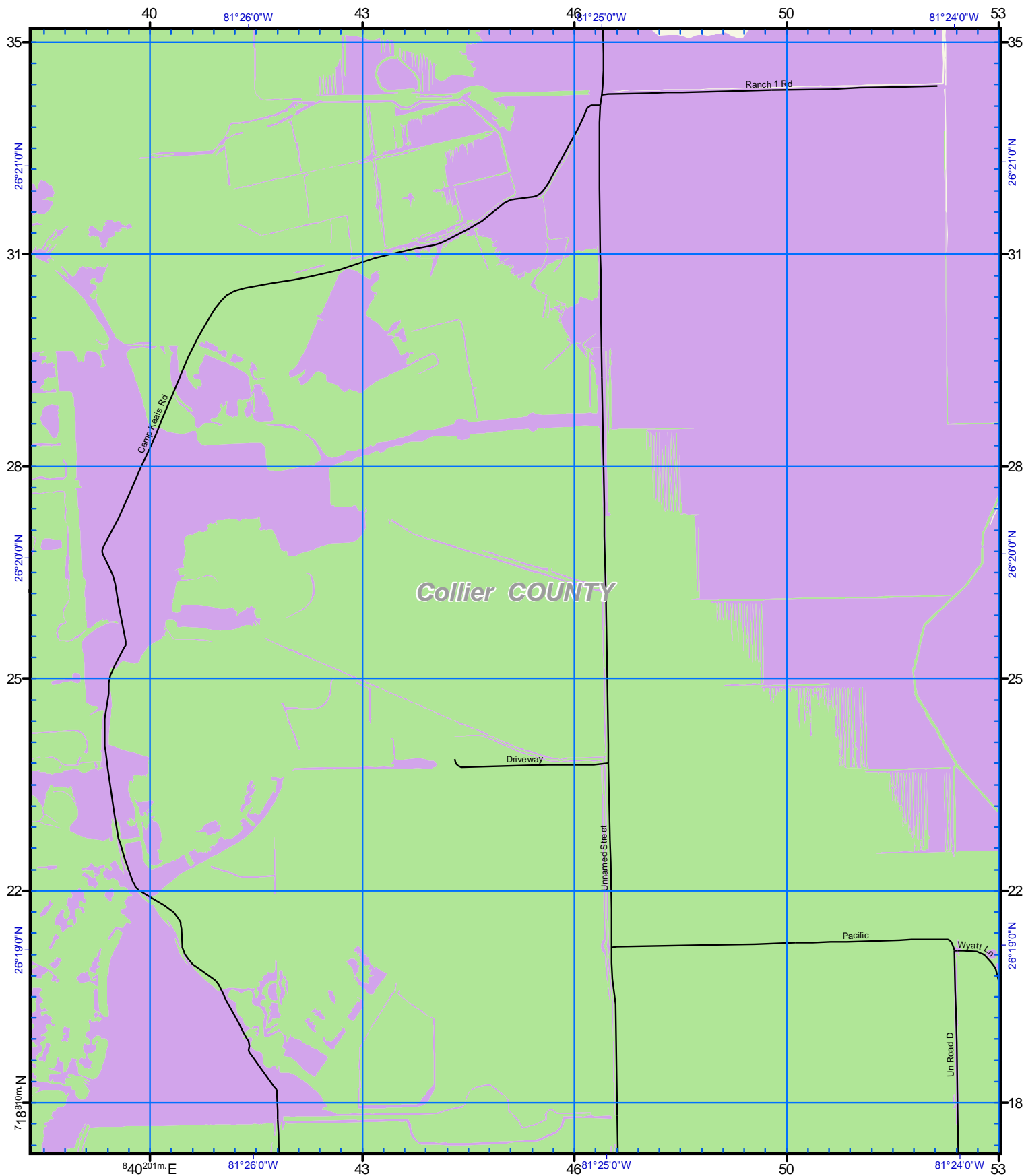
Collier County, 2010
Scale - 1:24,000
0 2,000 Feet
USNG Page 17R MK 52 10
Map Plate 279
Page 287

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ▭ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

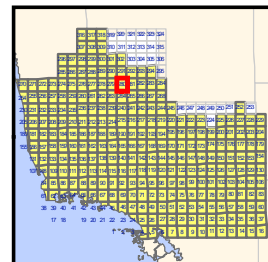
USNG Page 17R MK 56 10

Map Plate 280

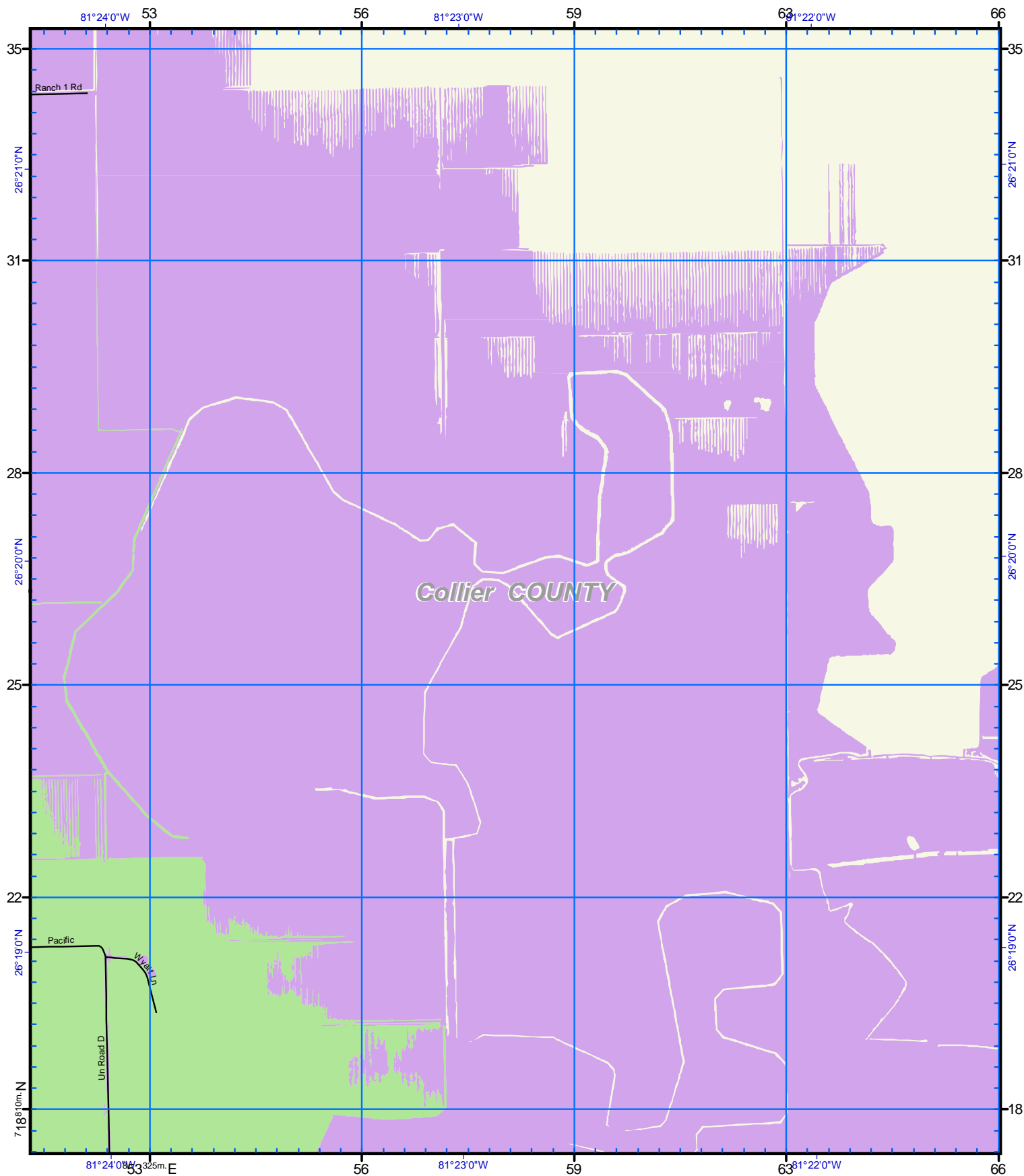
Page 288

Legend

●	Ref Point	Cat
H	HOSPITAL	TS
□	City Limits	1
—	Evac Route	2
□	WATER	3
		4
		5



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US National Grid
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MK
 Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 60 10

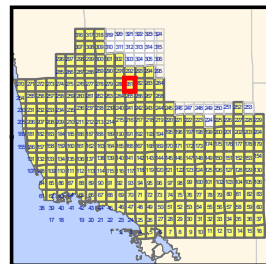
Map Plate 281

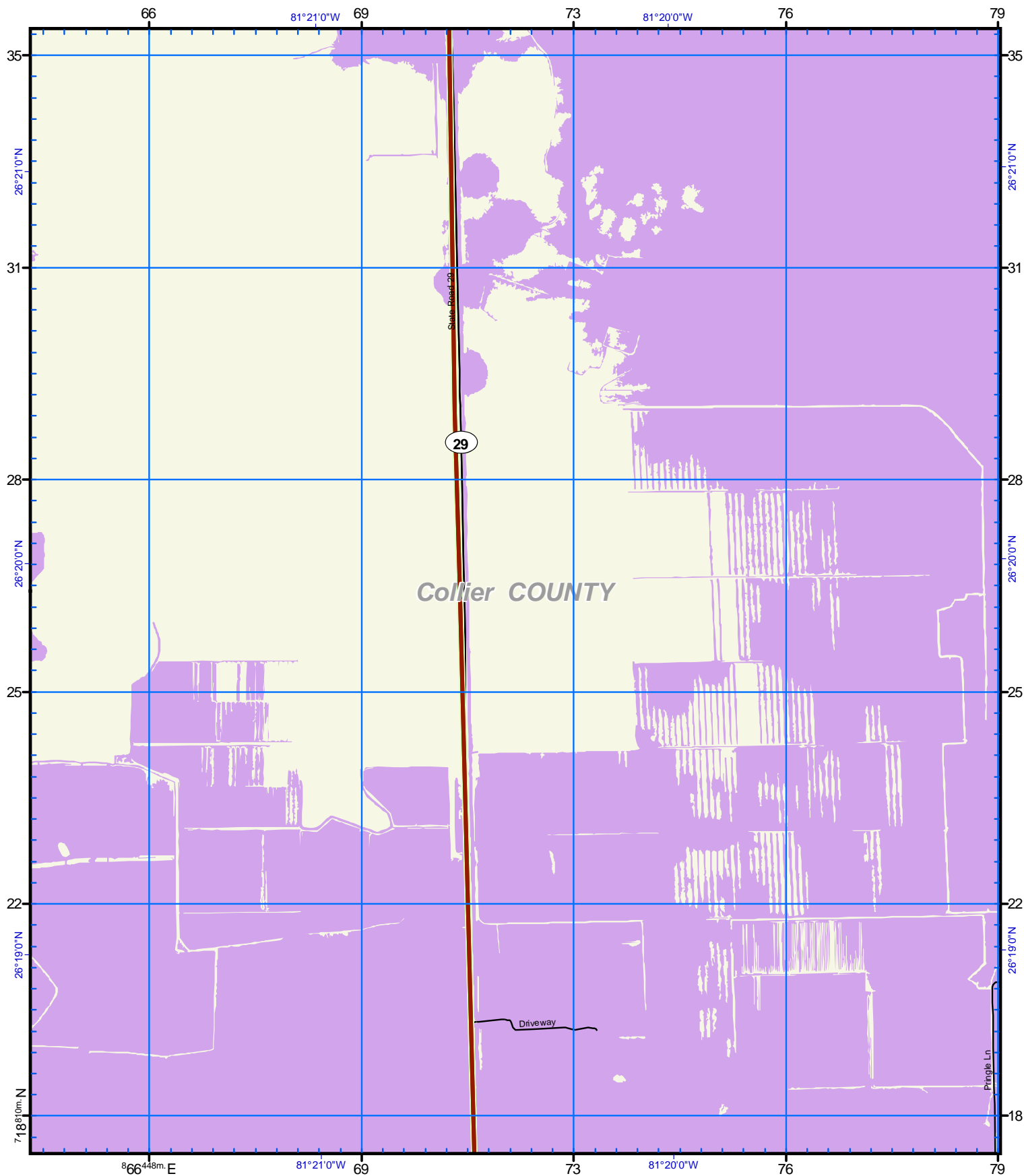
Page 289

Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple





US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

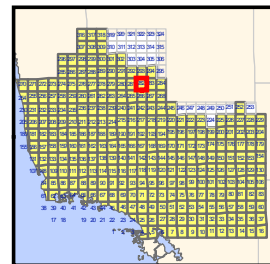
USNG Page 17R MK 64 10

Map Plate 282

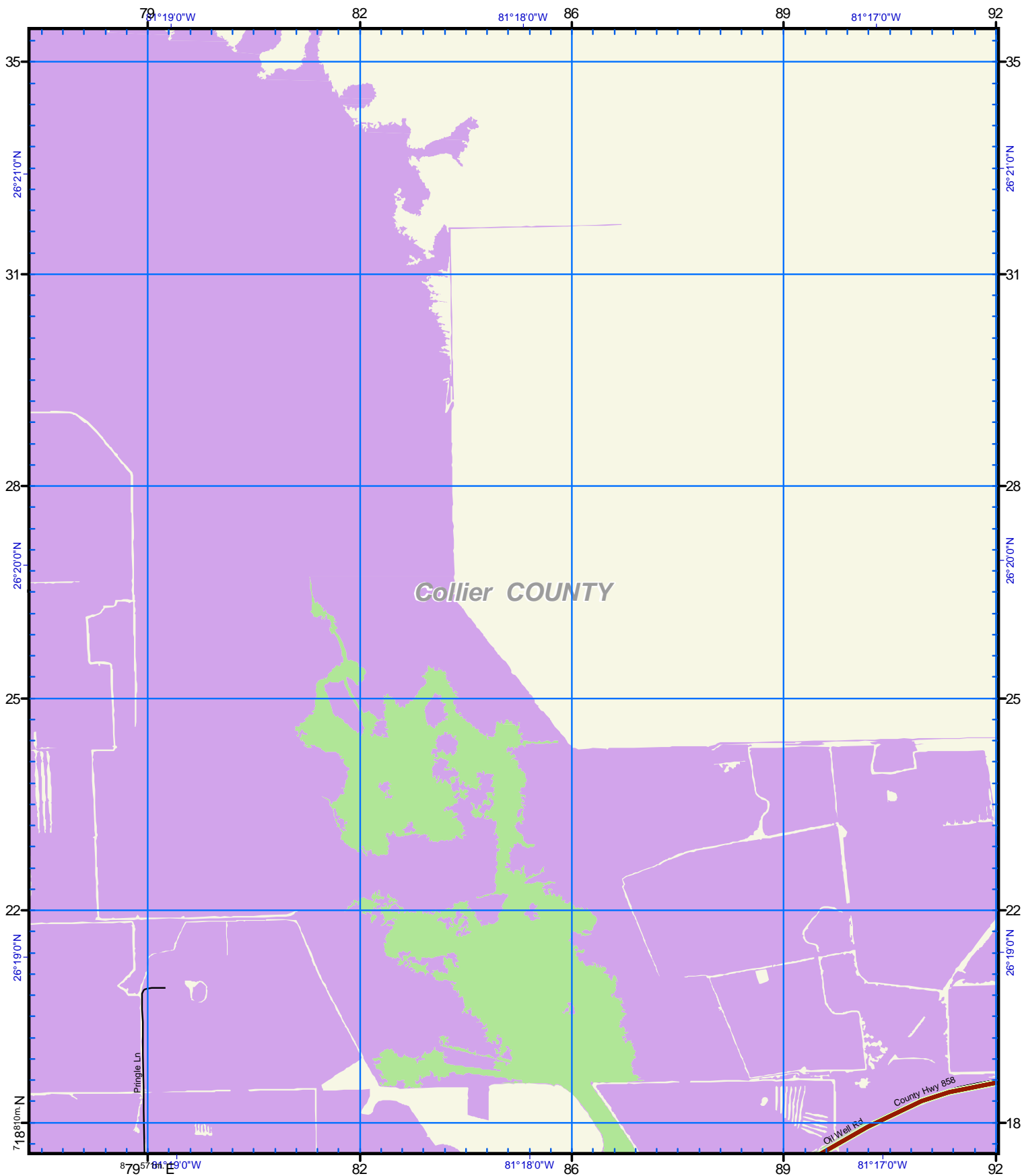
Page 290

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
□	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Map Deformation
4°31'W
Changing by
5" W per yr
Date 2009

Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

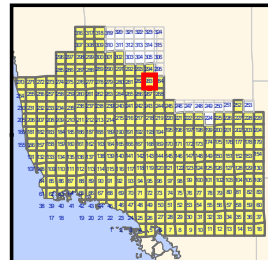
USNG Page 17R MK 68 10

Map Plate 283

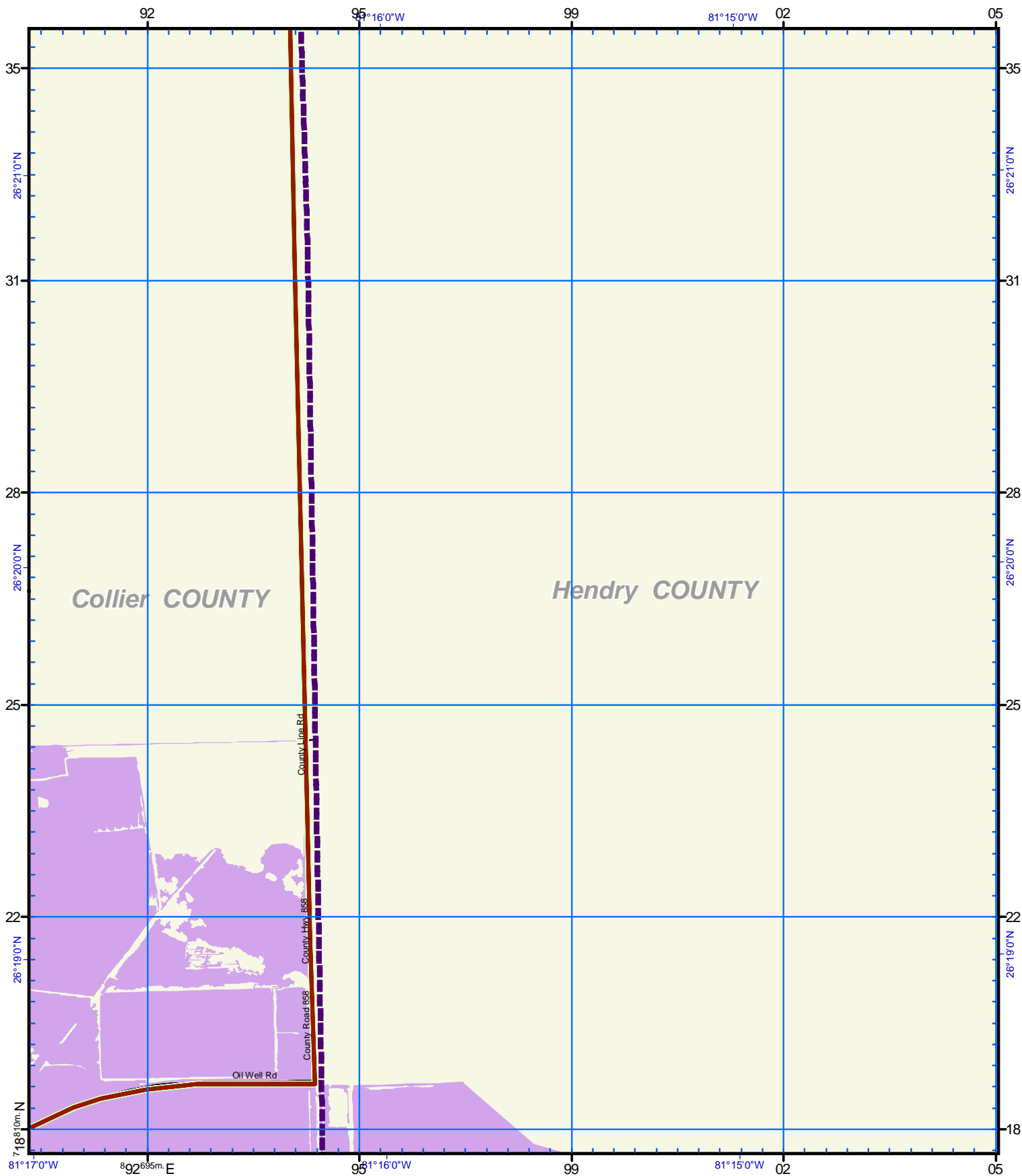
Page 291

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⬜ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Dark Green |



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MK
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17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 72 10

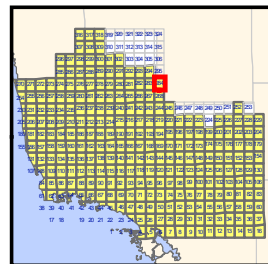
Map Plate 284

Page 292

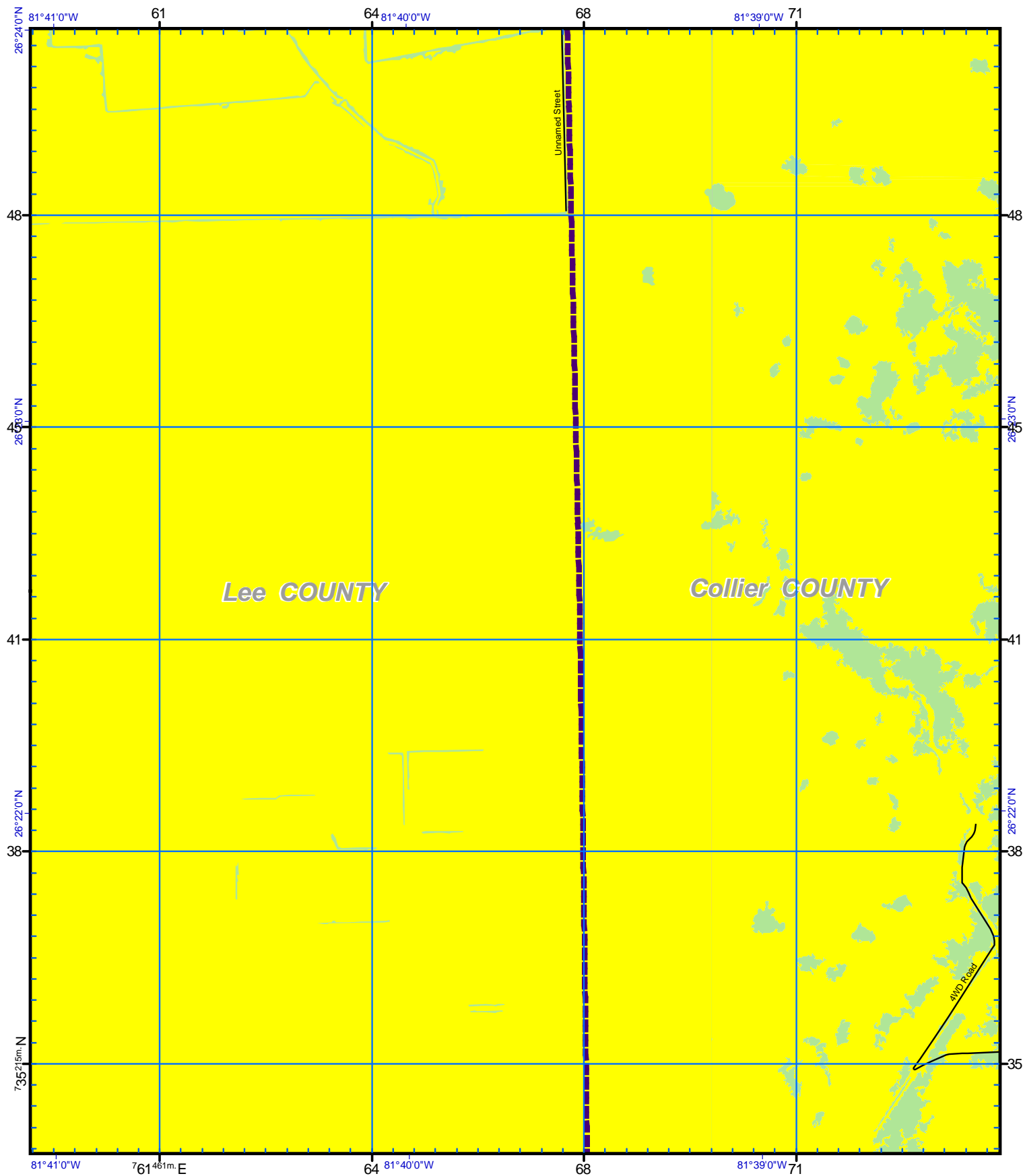
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

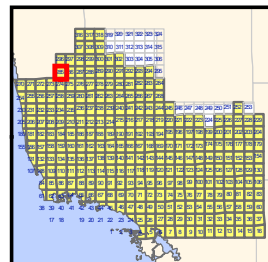
USNG Page 17R MK 32 15

Map Plate 285

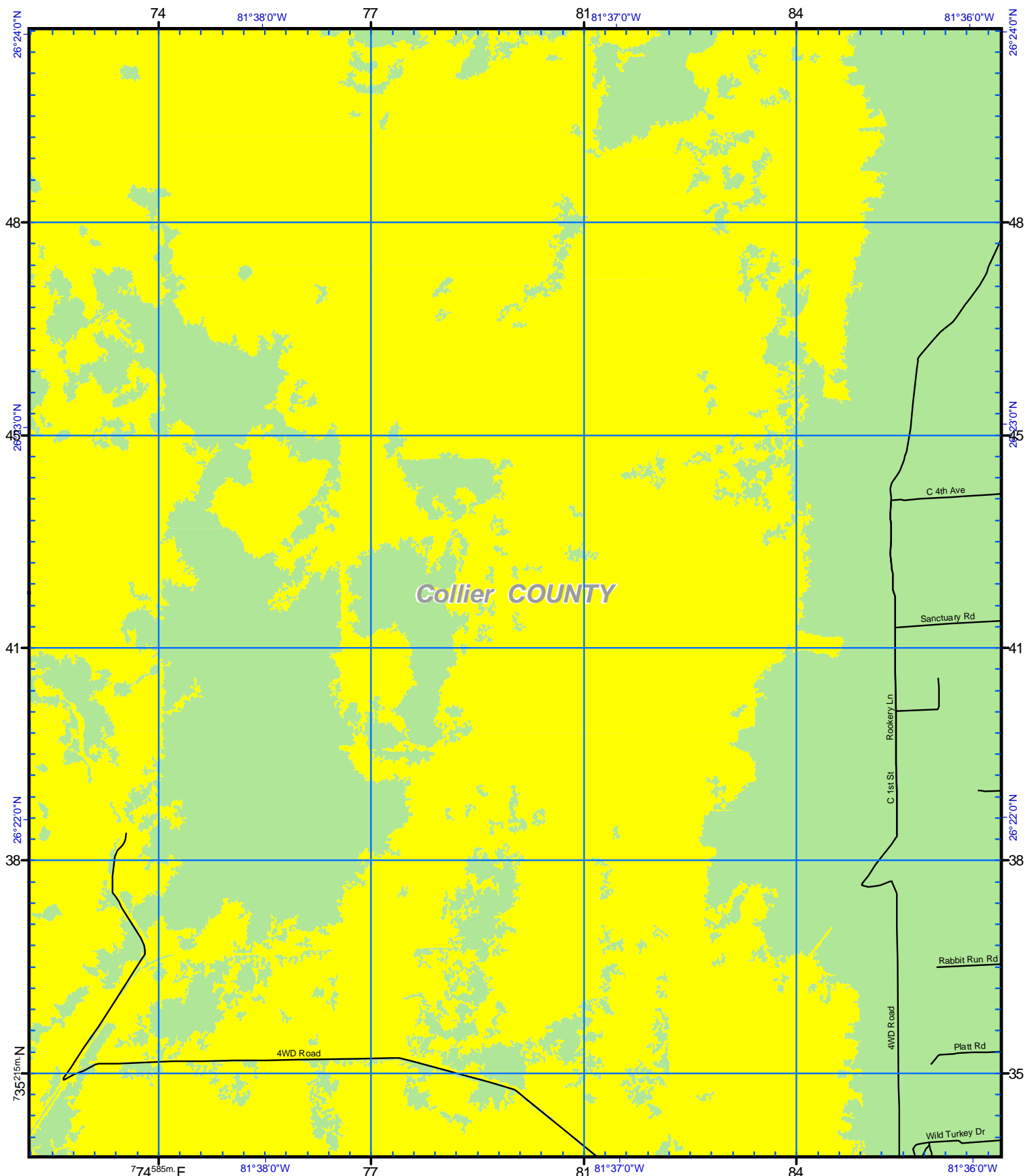
Page 293

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
■	WATER	3	
		4	
		5	



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 36 15

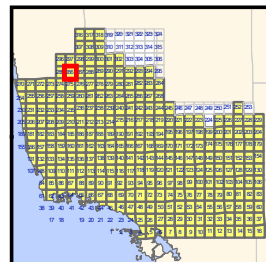
Map Plate 286

Page 294

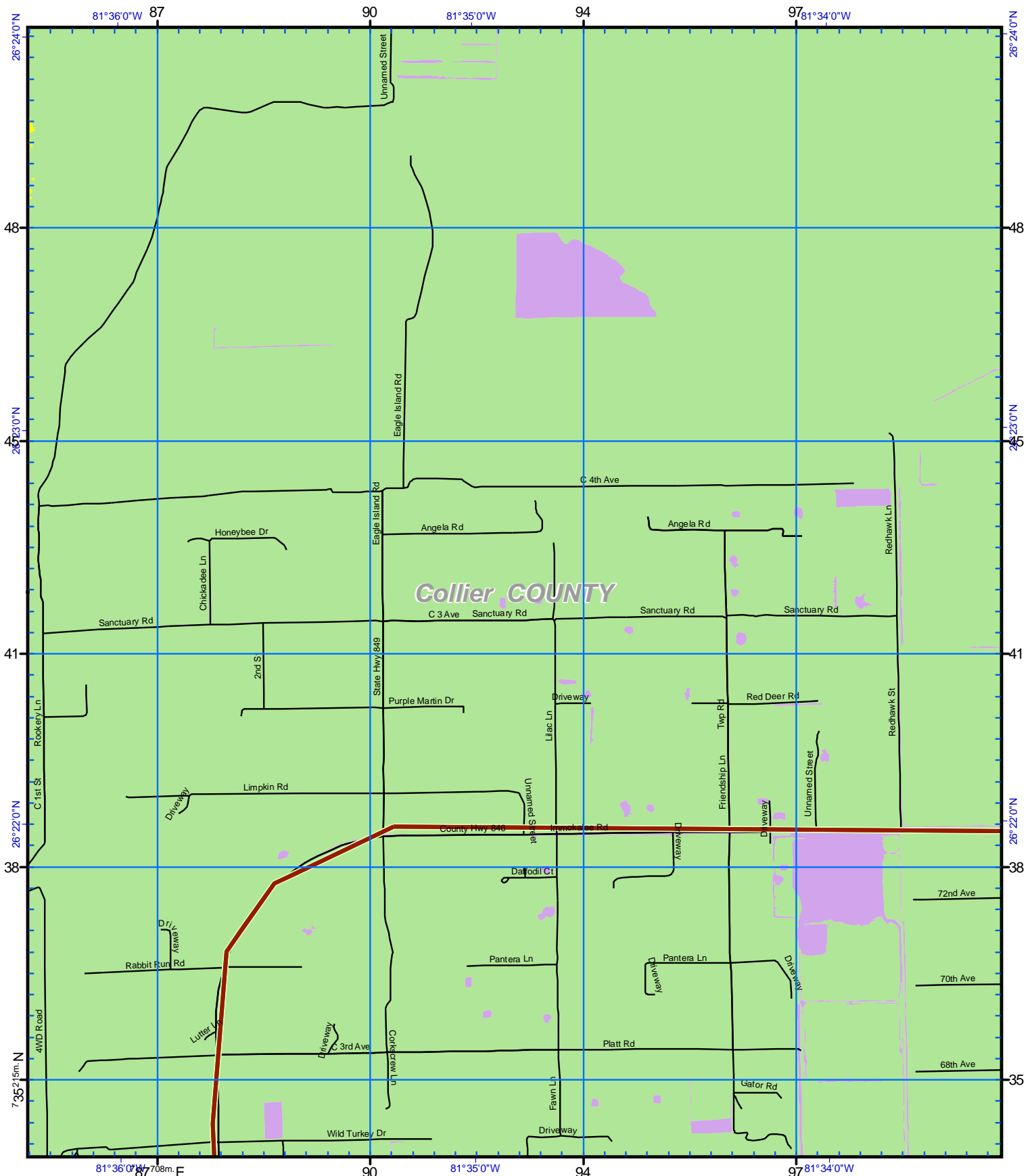
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

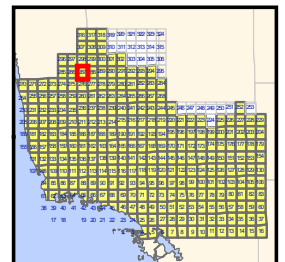
USNG Page 17R MK 40 15

Map Plate 287

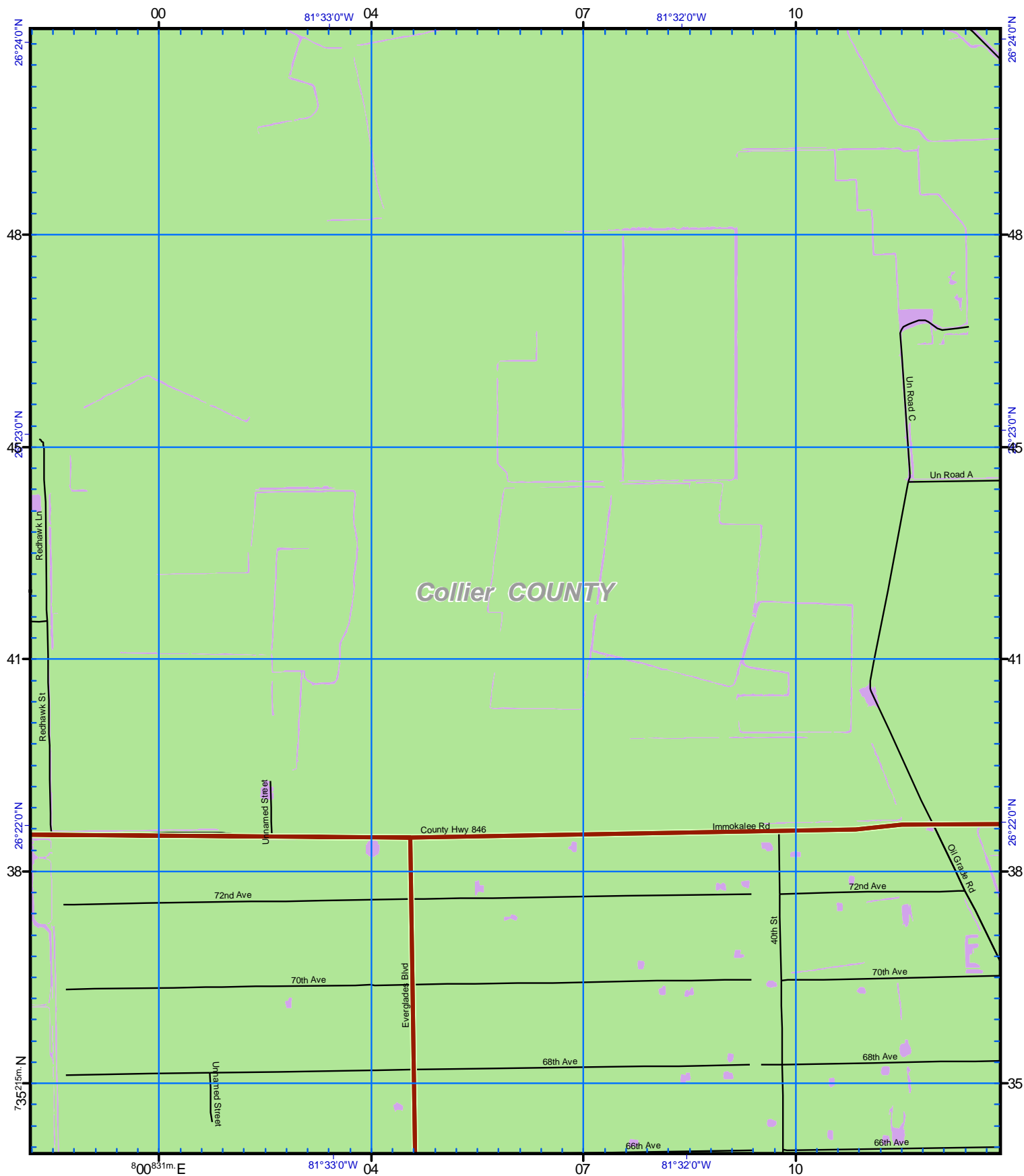
Page 295

Legend

●	Ref Point	Cat
H	HOSPITAL	TS
□	City Limits	1
—	Evac Route	2
■	WATER	3
		4
		5



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MK
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 44 15

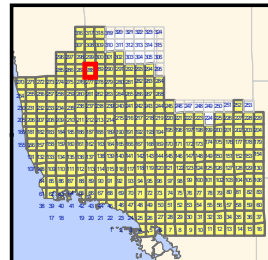
Map Plate 288

Page 296

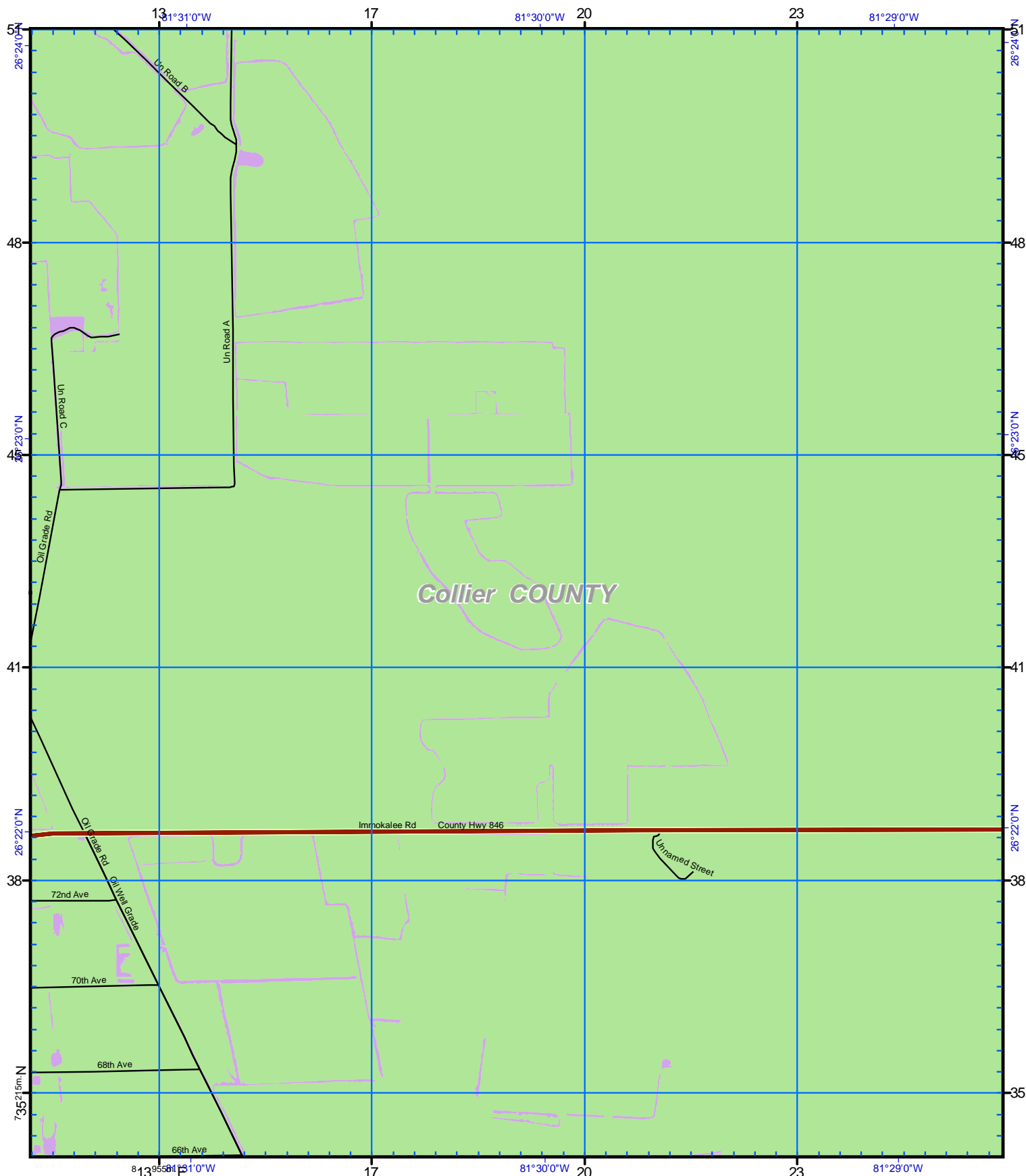
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
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Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 48 15

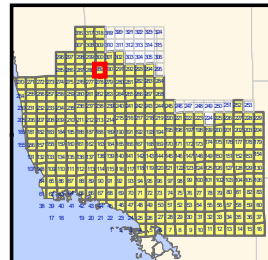
Map Plate 289

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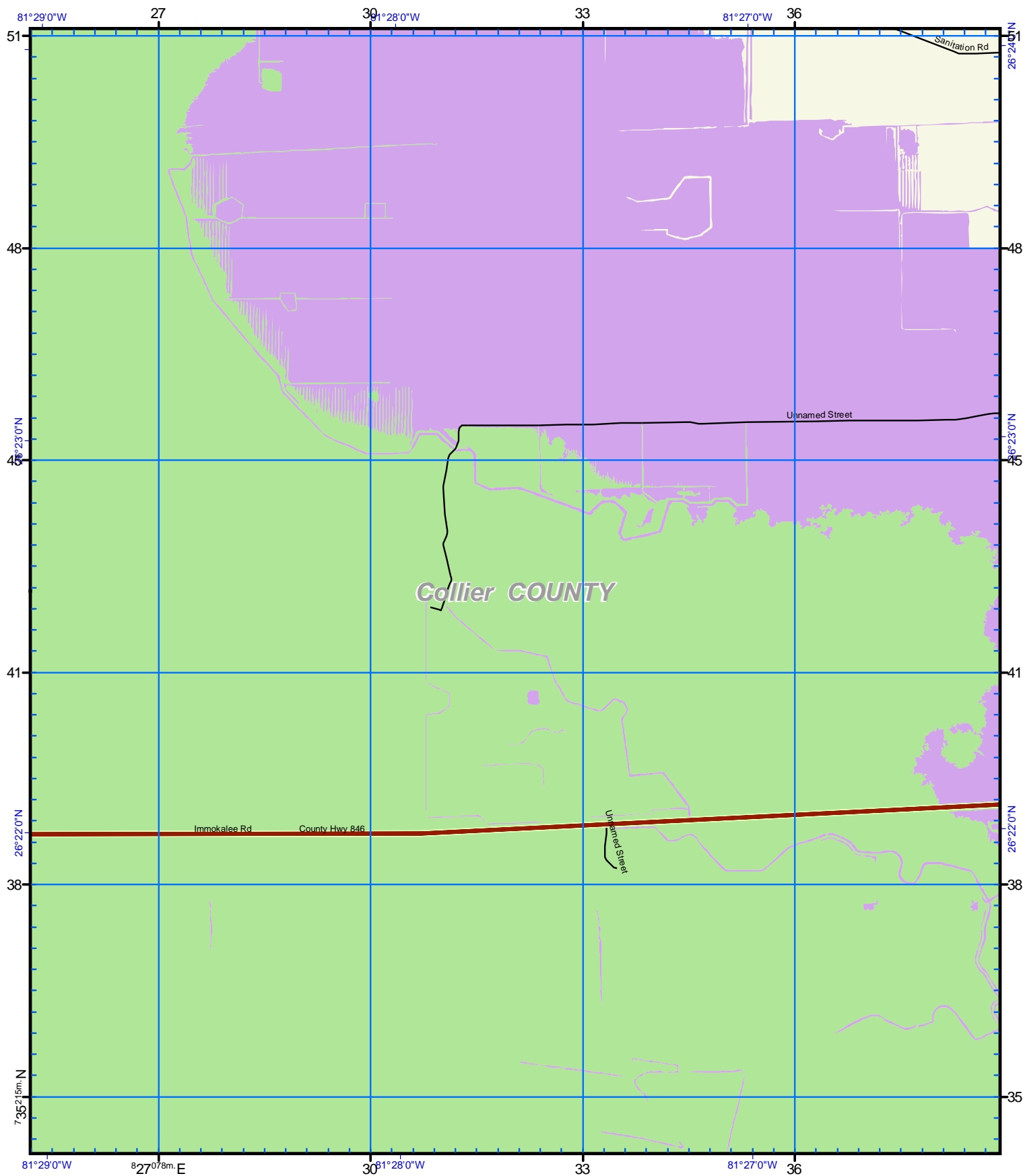
Legend

- Ref Point
- ⌘ HOSPITAL
- ▭ City Limits
- Evac Route
- WATER

Cat
TS
1
2
3
4
5



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MK
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 52 15

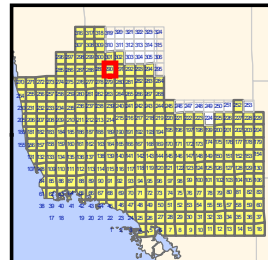
Map Plate 290

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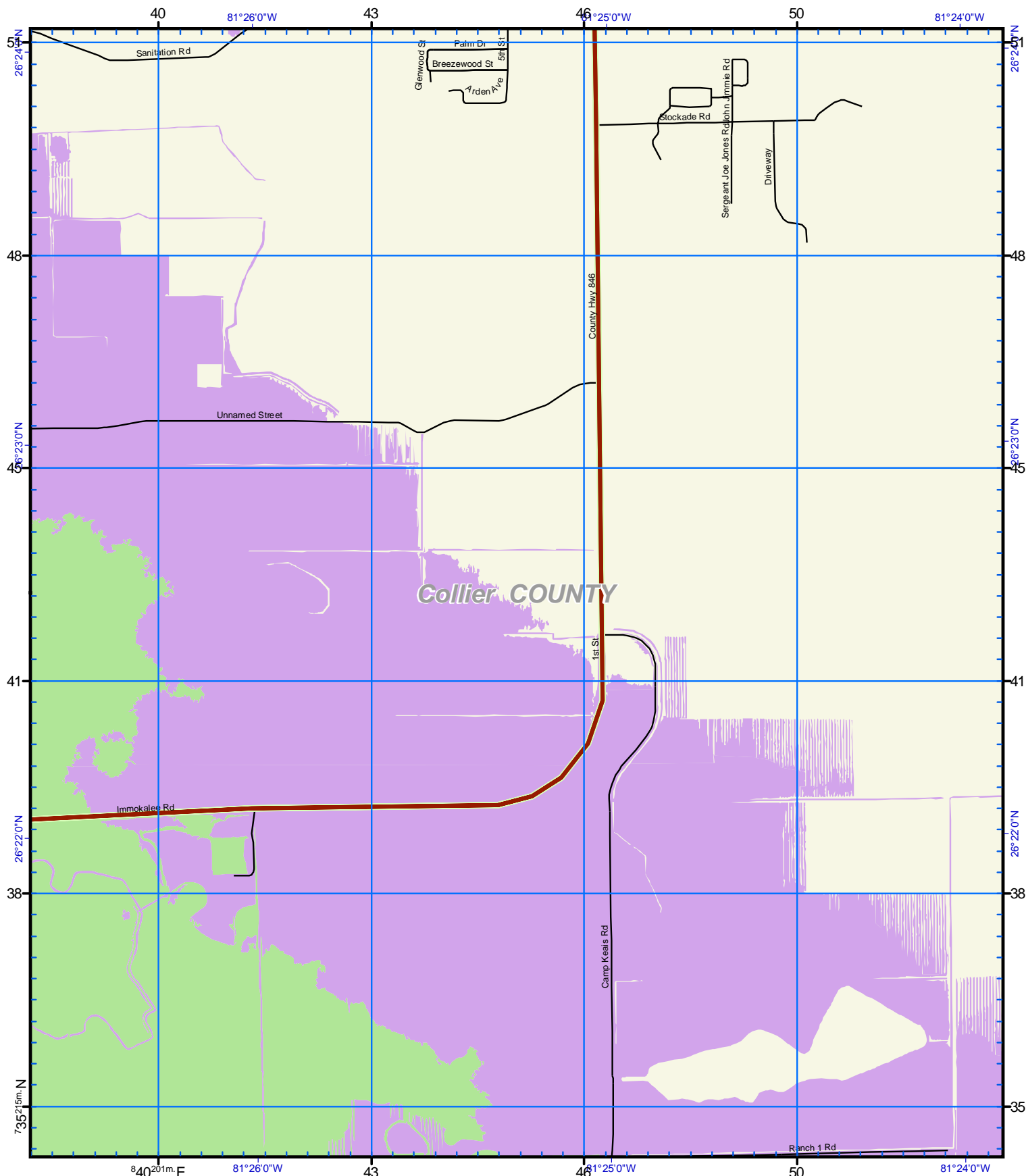
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬜ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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management implementation are local responsibilities.
Please consult with local authorities.



US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 56 15

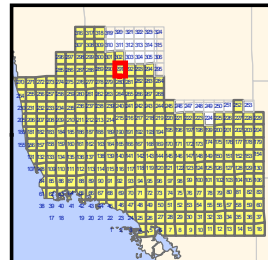
Map Plate 291

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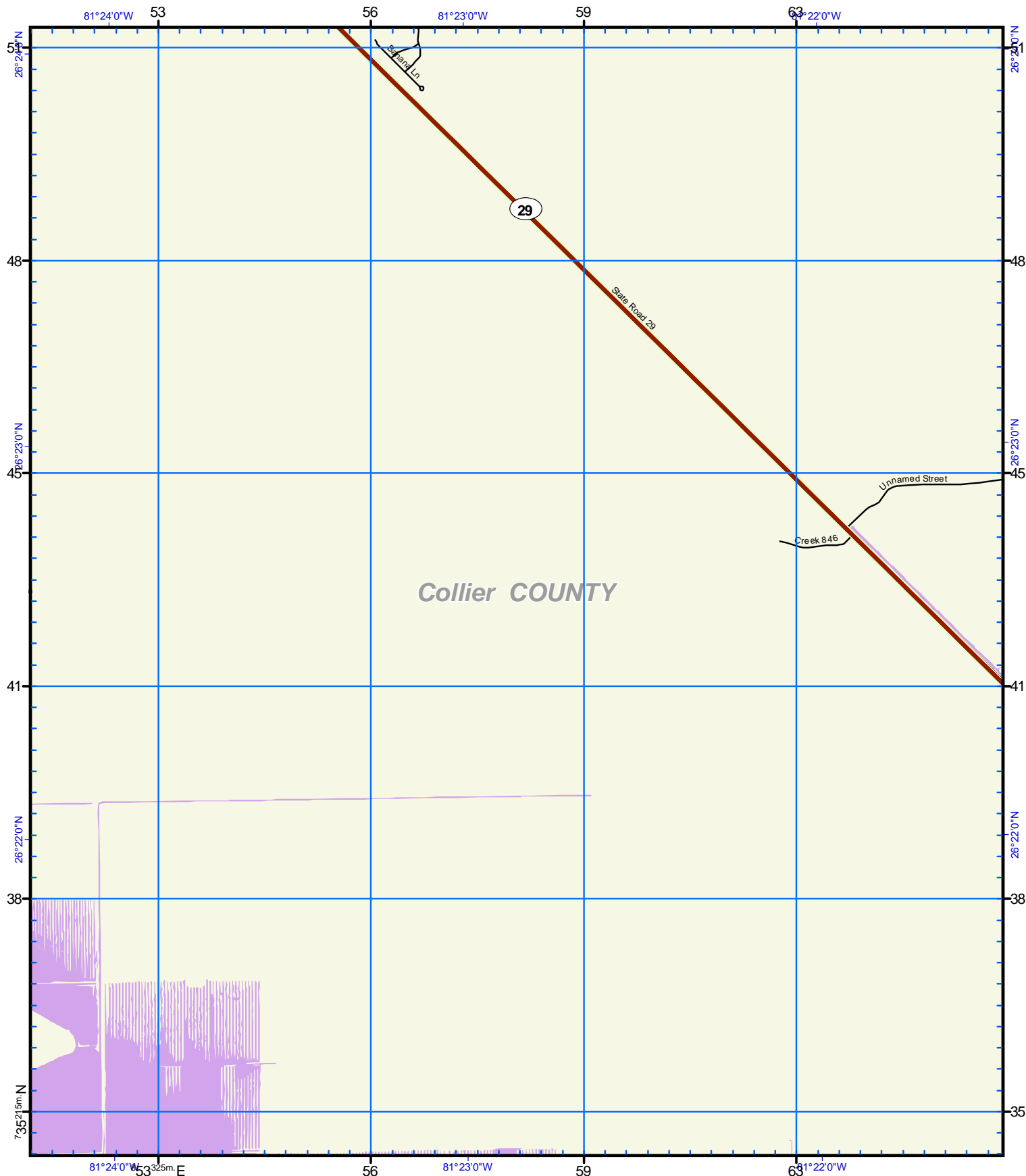
Legend

- Ref Point
- ⌘ HOSPITAL
- ⬮ City Limits
- Evac Route
- WATER

Cat	
TS	
1	
2	
3	
4	
5	



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US National Grid
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MK
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

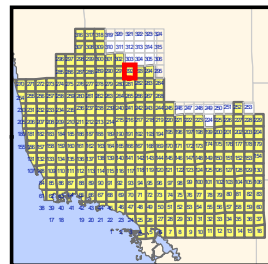
USNG Page 17R MK 60 15

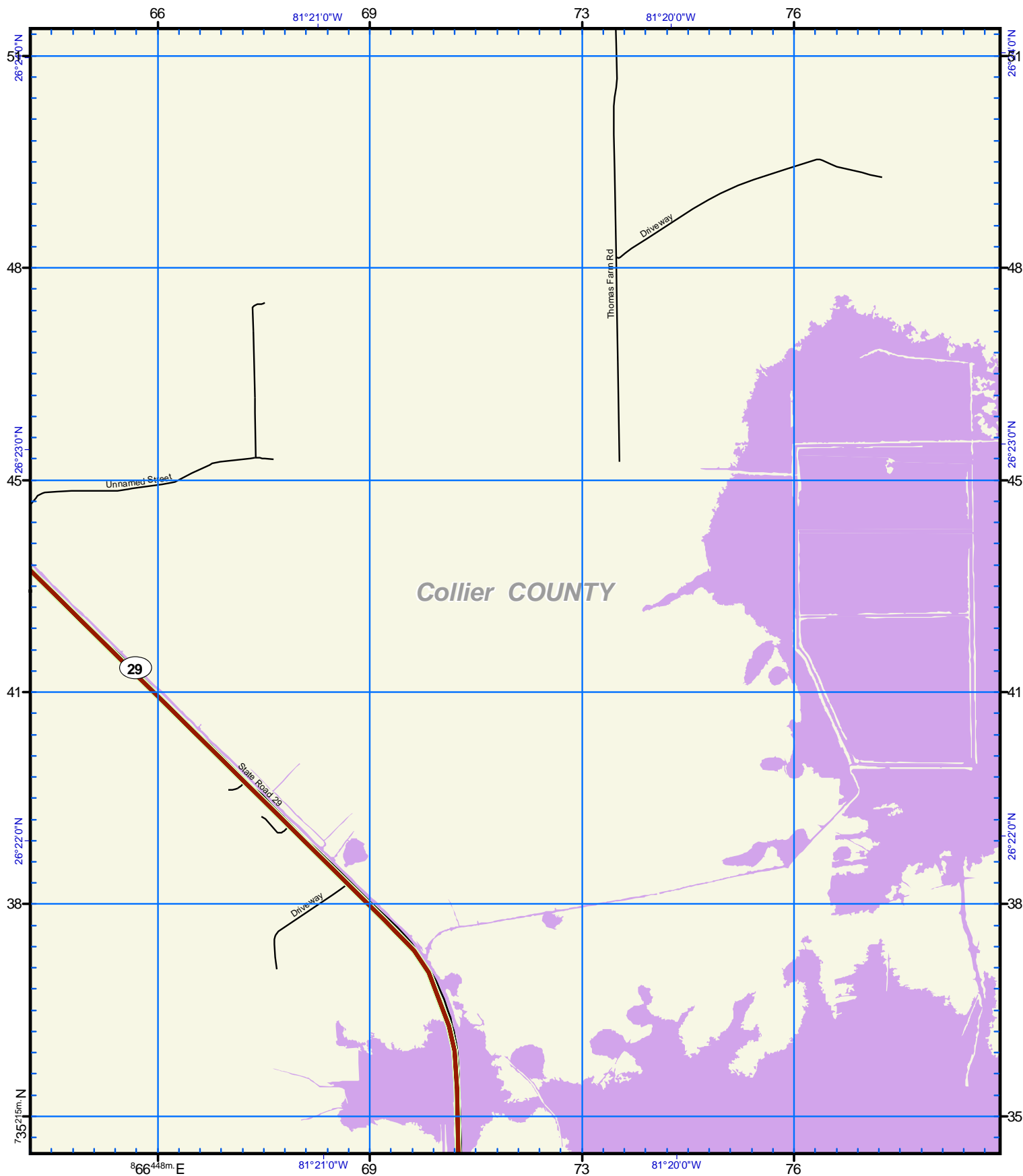
Map Plate 292

Page 300

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |





US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 64 15

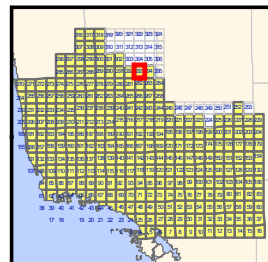
Map Plate 293

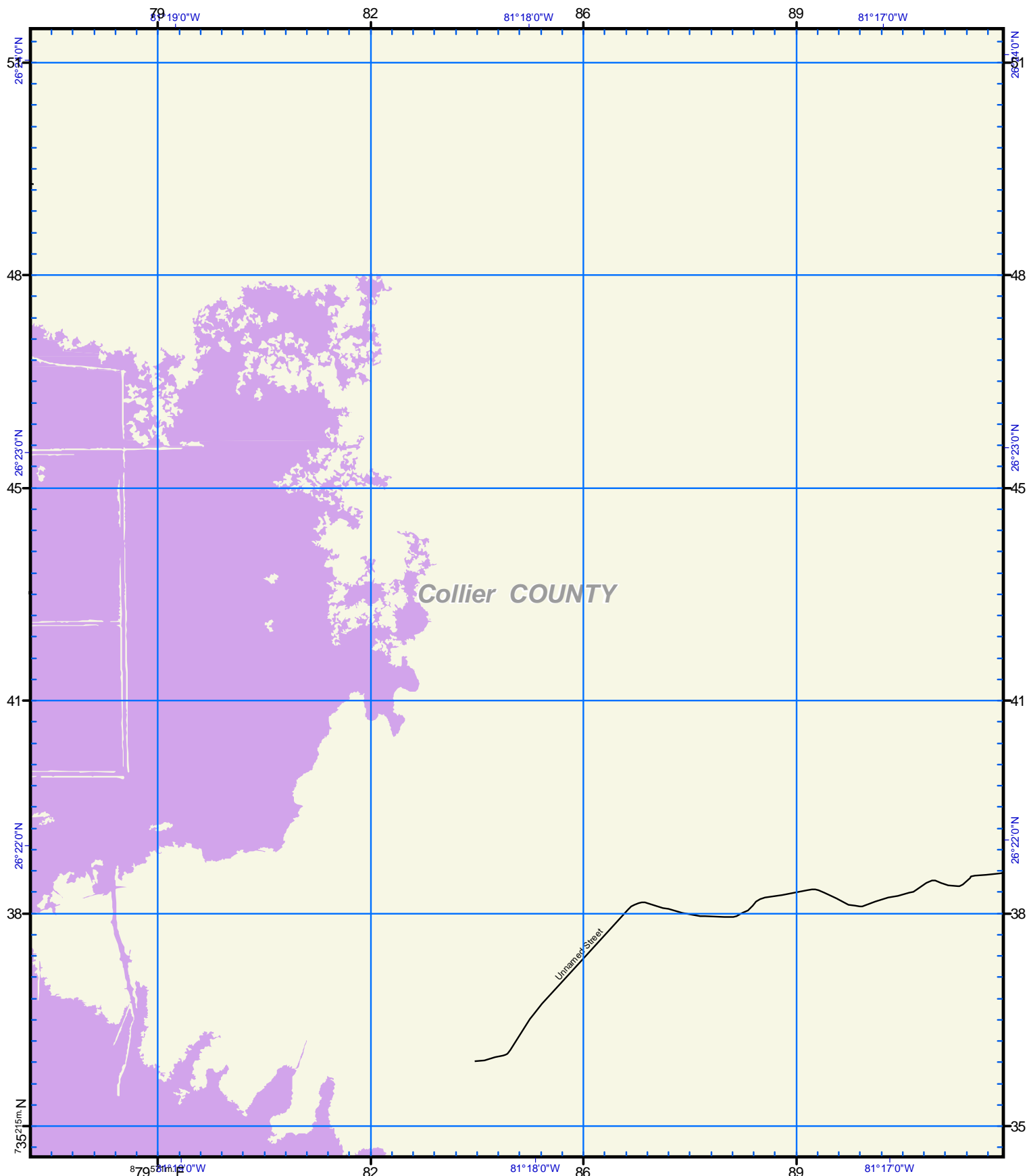
Page 301

Legend

- Ref Point
- H HOSPITAL
- City Limits
- Evac Route
- WATER

Cat	TS
1	■
2	■
3	■
4	■
5	■





US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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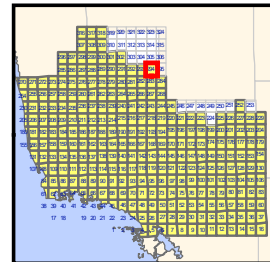
Storm Tide Zones

Collier County, 2010
Scale - 1:24,000
0 2,000 Feet
USNG Page 17R MK 68 15
Map Plate 294
Page 302

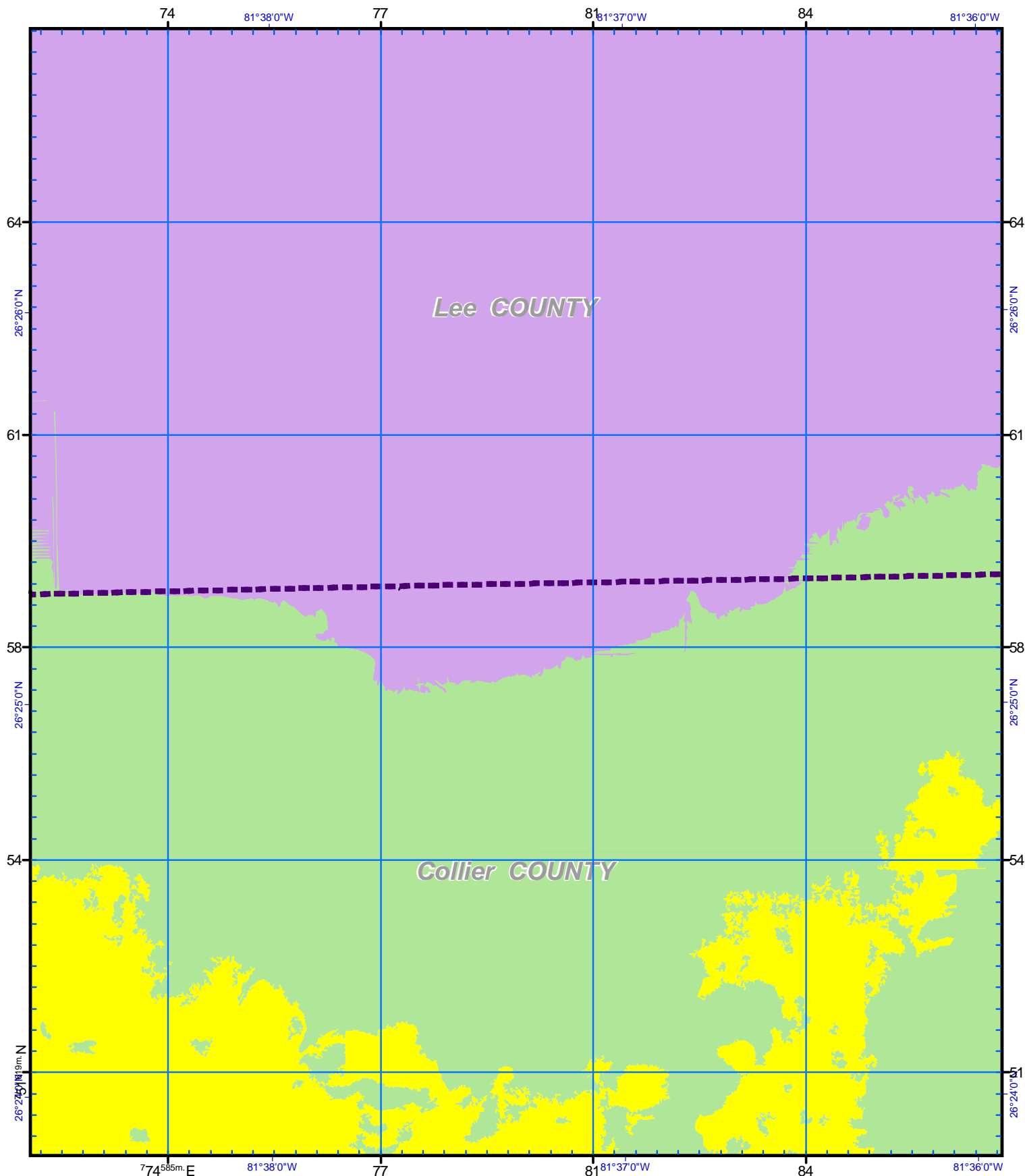
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

USNG Page 17R MK 36 20

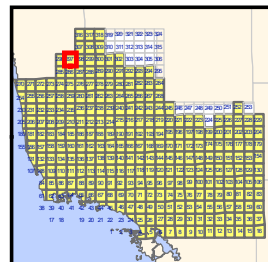
Map Plate 297

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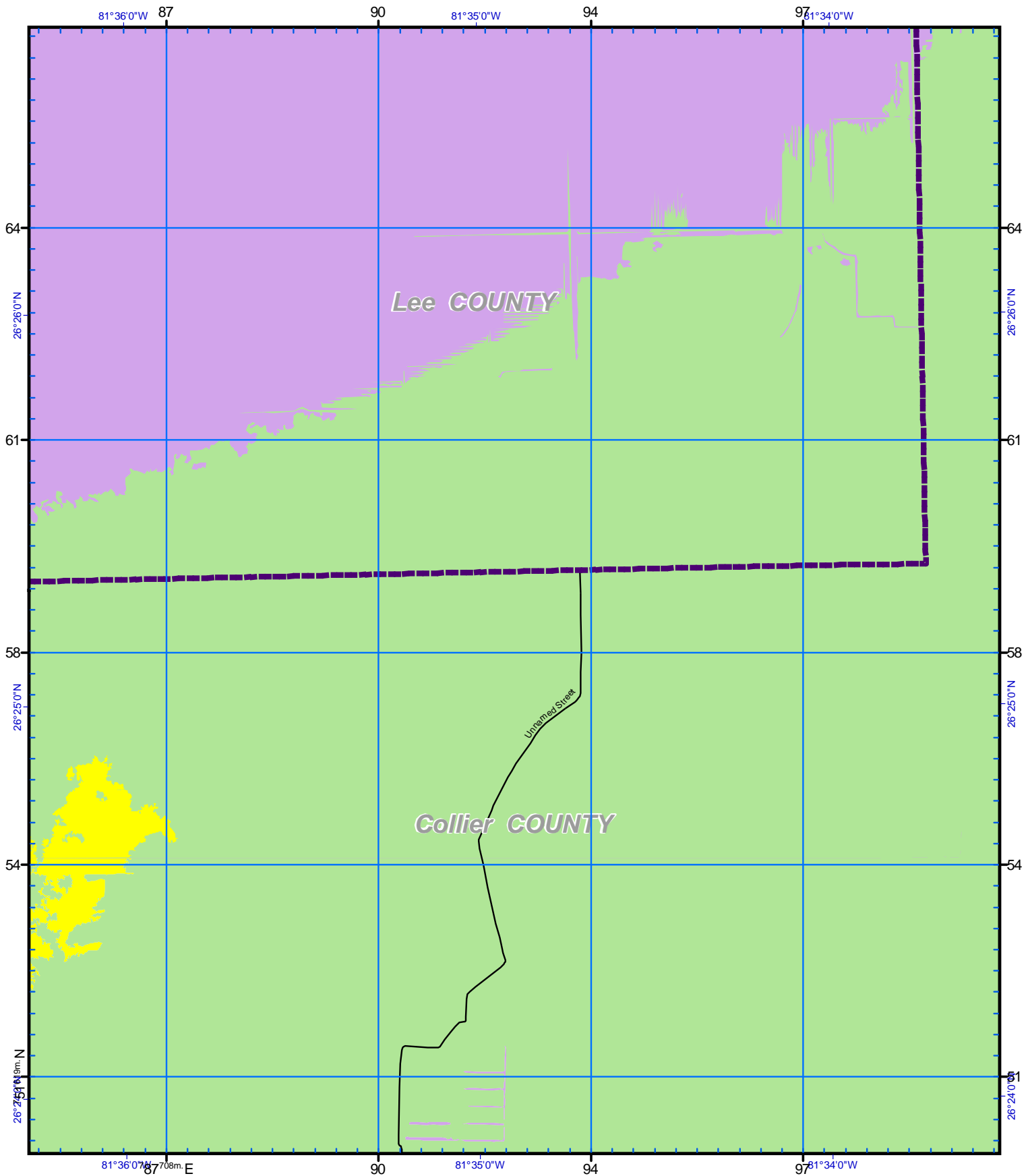
Legend

- Ref Point
- ⌘ HOSPITAL
- ⌘ City Limits
- Evac Route
- WATER

Cat	TS
1	Red
2	Orange
3	Yellow
4	Light Green
5	Purple



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG

GN
Diagram
Not to Scale
Map Declination
4°31'W
Changing by
5" W per yr
Date 2009

Notes:
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

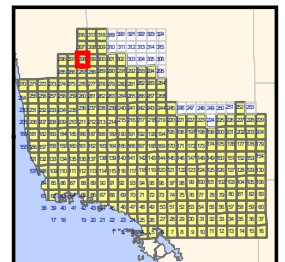
USNG Page 17R MK 40 20

Map Plate 298

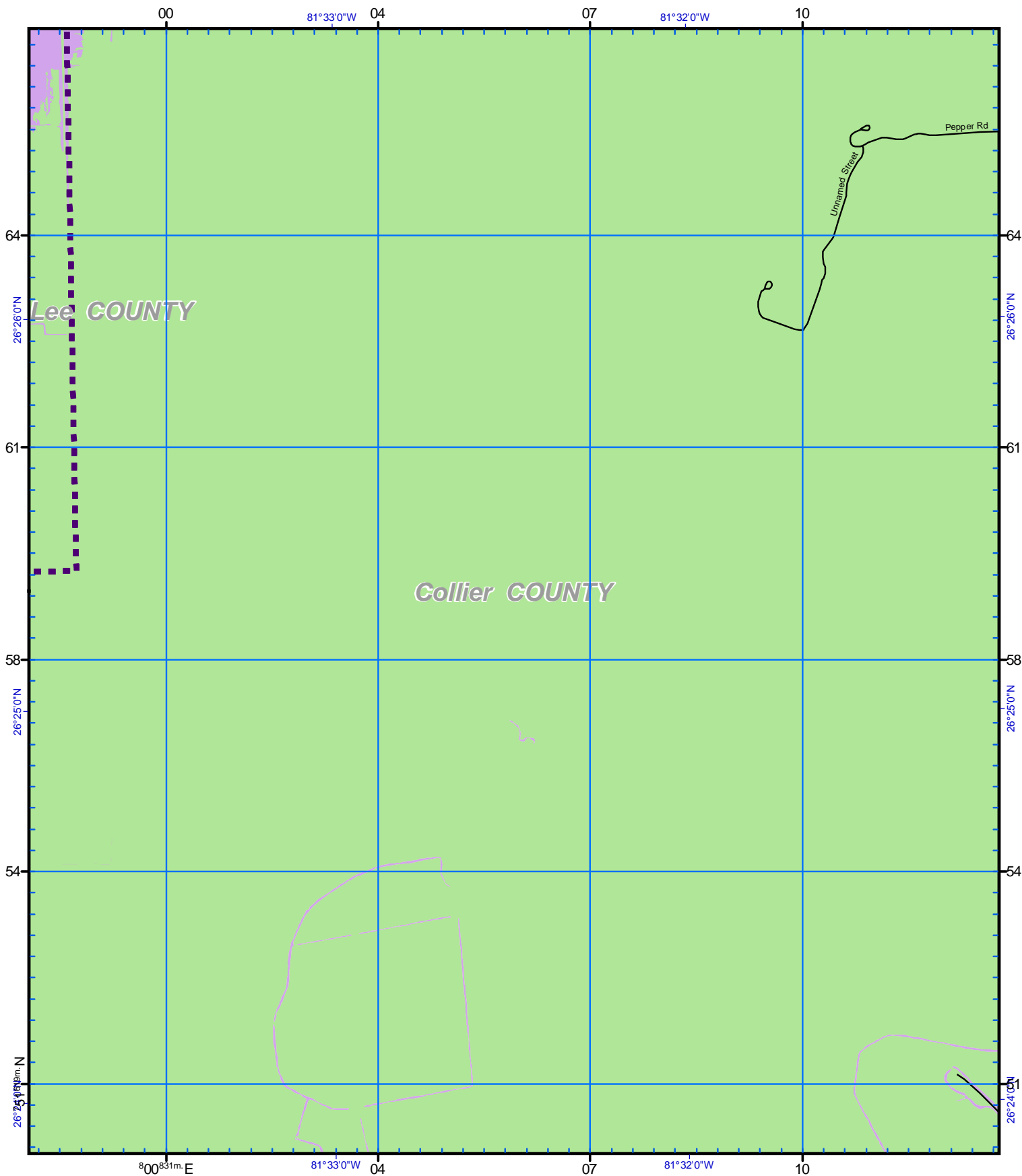
Page 305

Legend

- Ref Point
 - ⌘ HOSPITAL
 - ⌘ City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

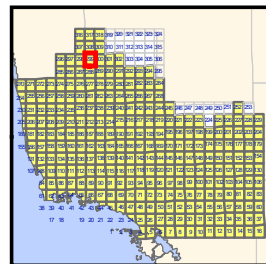
USNG Page 17R MK 44 20

Map Plate 299

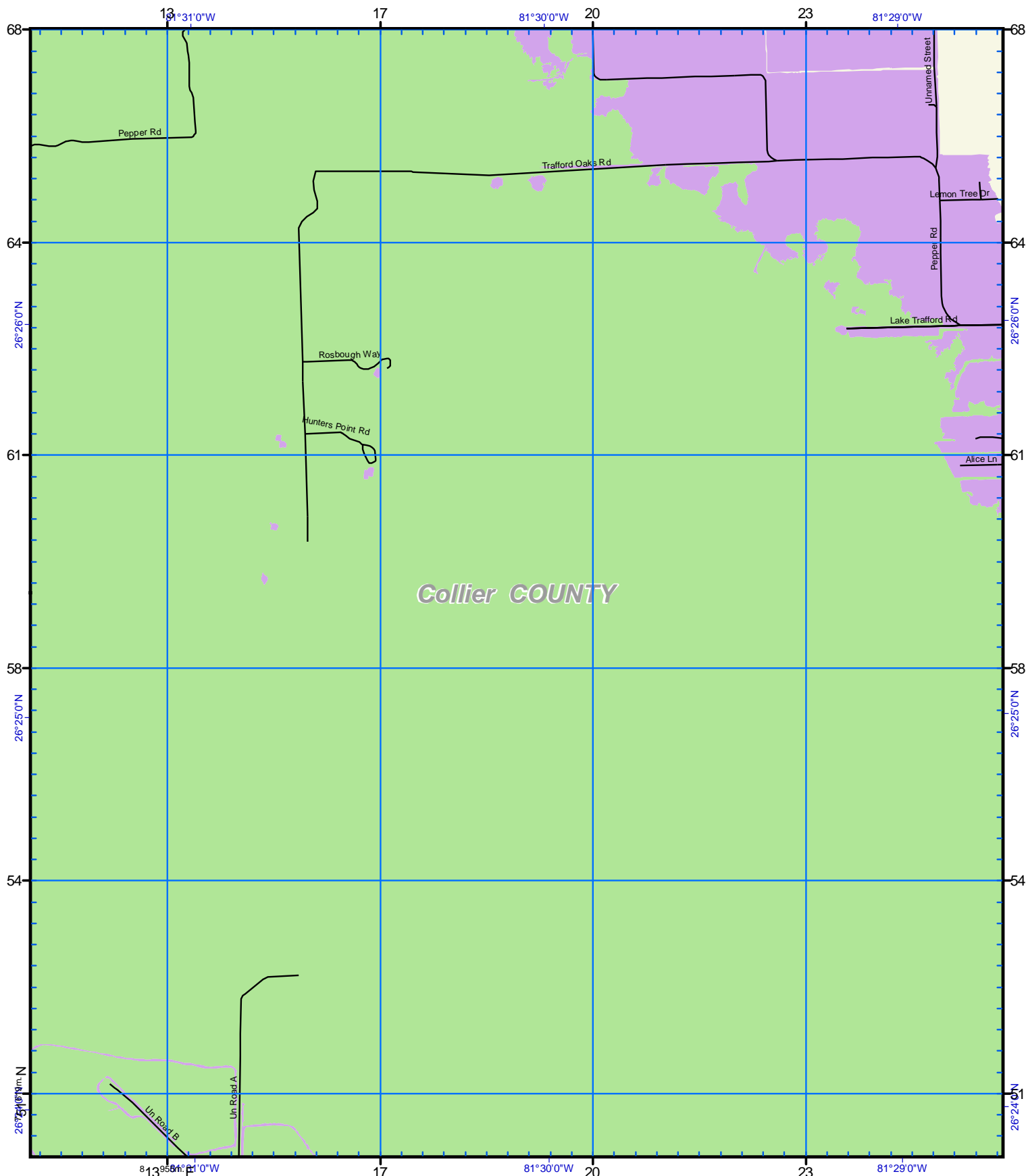
Page 306

Legend

	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R
Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

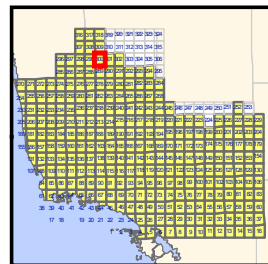
USNG Page 17R MK 48 20

Map Plate 300

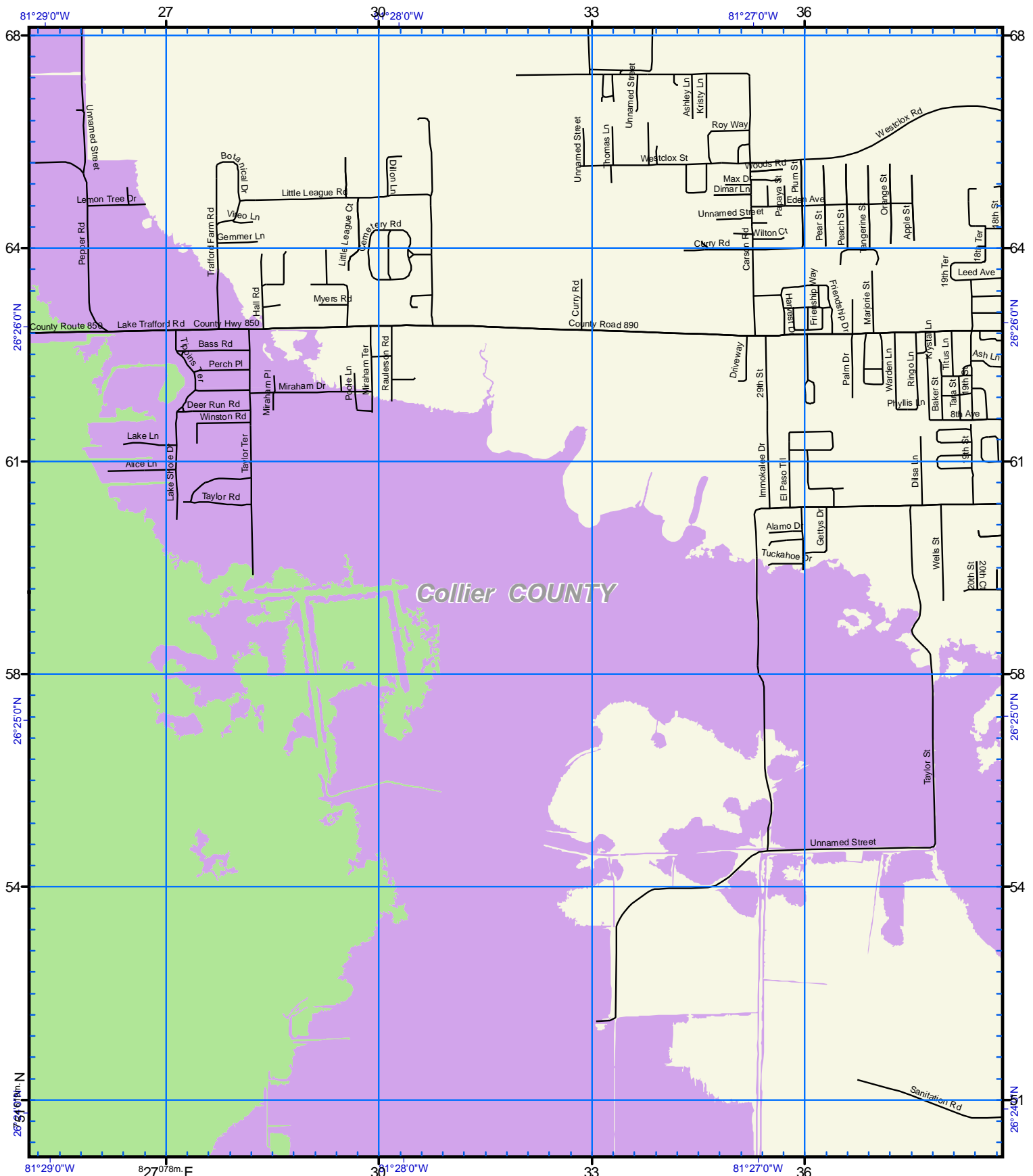
Page 307

Legend

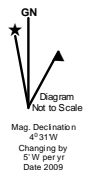
	Ref Point	Cat	
	HOSPITAL	TS	
	City Limits	1	
	Evac Route	2	
	WATER	3	
		4	
		5	



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US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

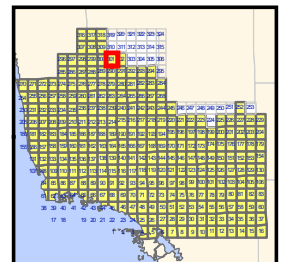
USNG Page 17R MK 52 20

Map Plate 301

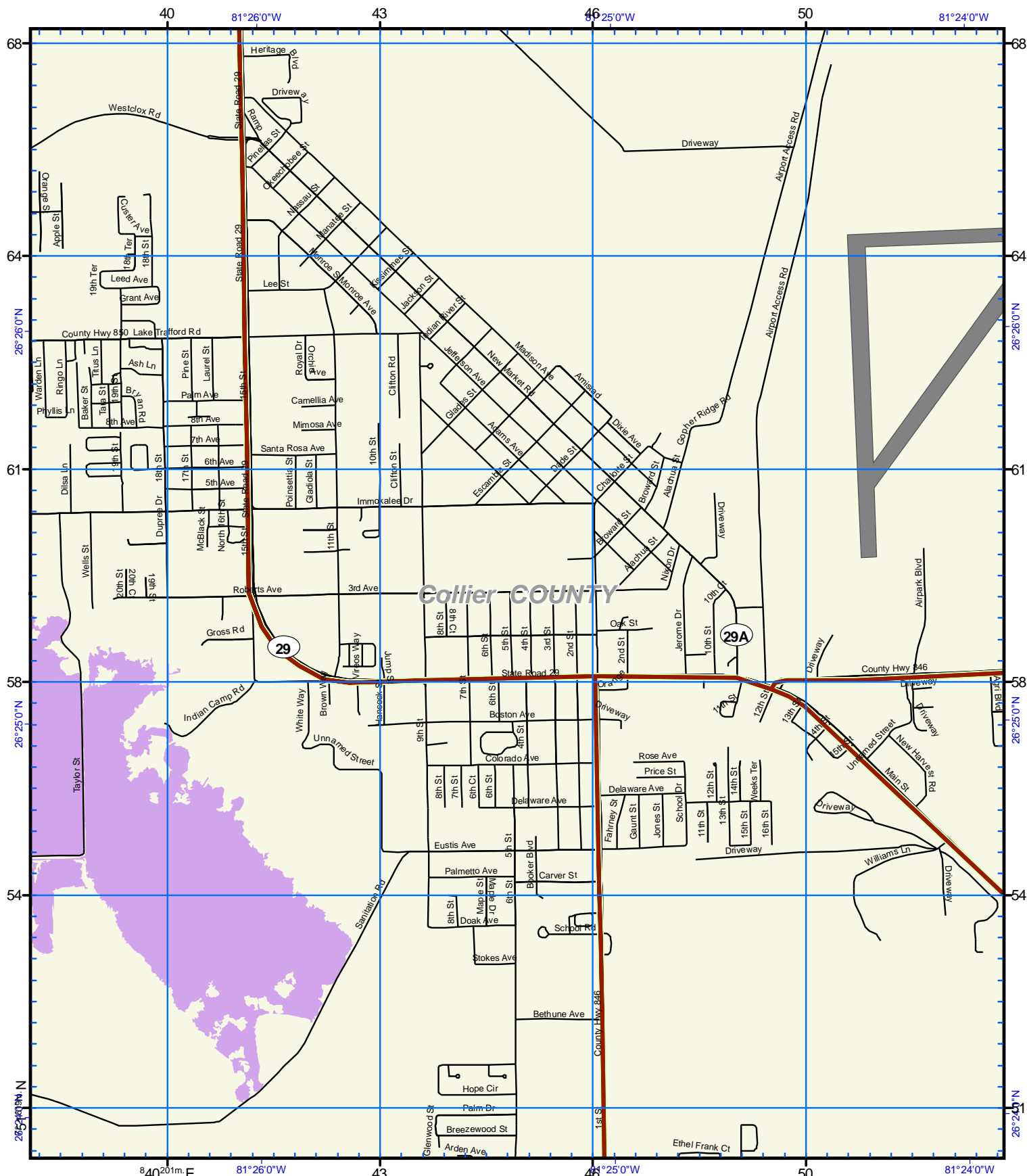
Page 308

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
—	City Limits	1	
—	Evac Route	2	
—	WATER	3	
		4	
		5	



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

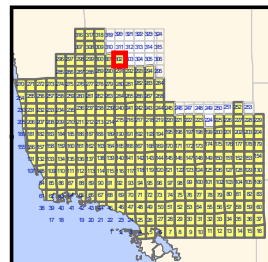
USNG Page 17R MK 56 20

Map Plate 302

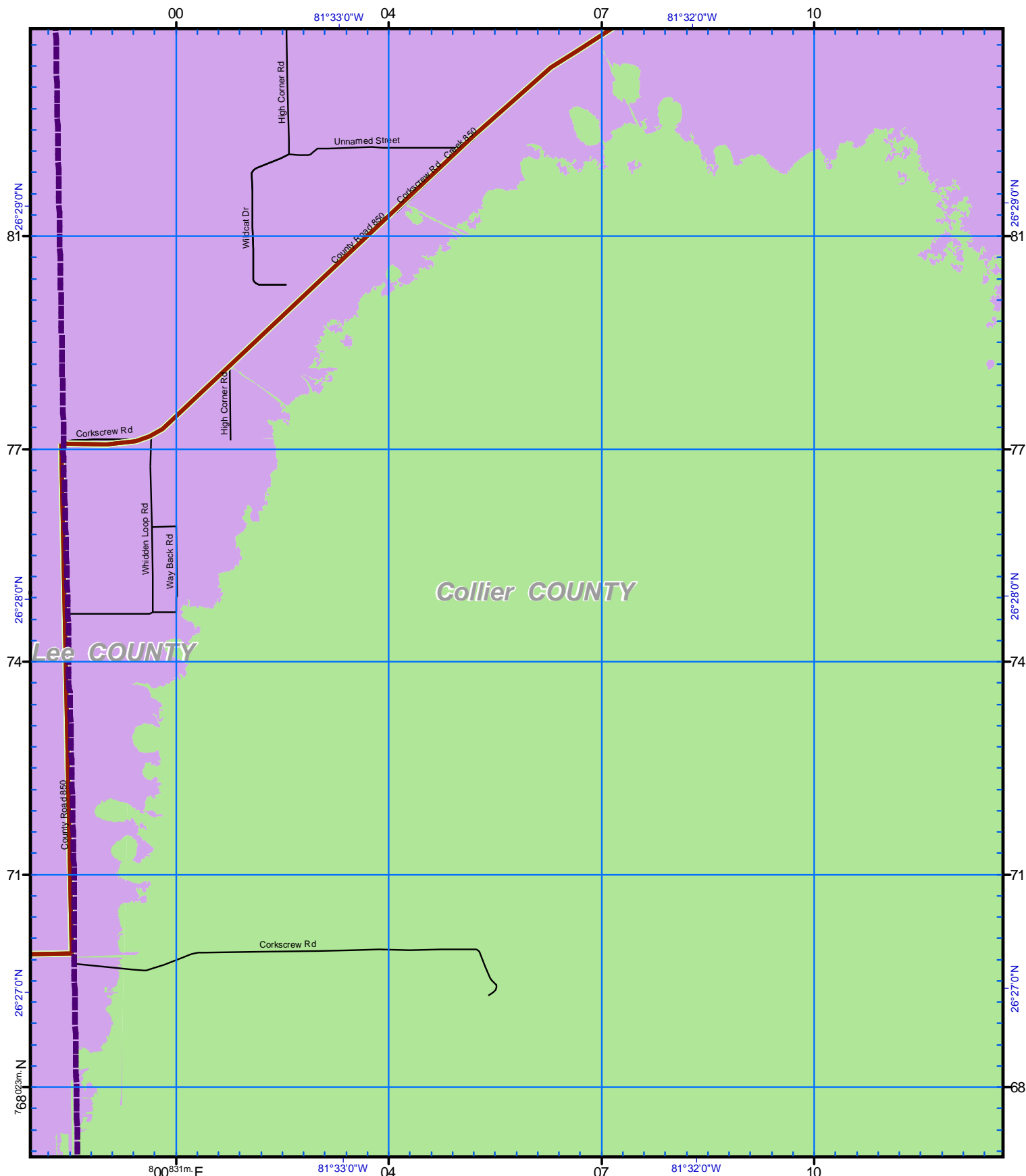
Page 309

Legend

- Ref Point
 - HOSPITAL
 - City Limits
 - Evac Route
 - WATER
- | Cat | TS |
|-----|-------------|
| 1 | Red |
| 2 | Orange |
| 3 | Yellow |
| 4 | Light Green |
| 5 | Purple |



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US National Grid
100,000-m Square ID
MK
Grid Zone Designation
17R

Datum = NAD 1983, 1,000-m USNG



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

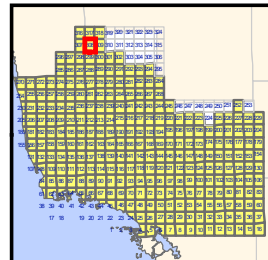
USNG Page 17R MK 44 25

Map Plate 308

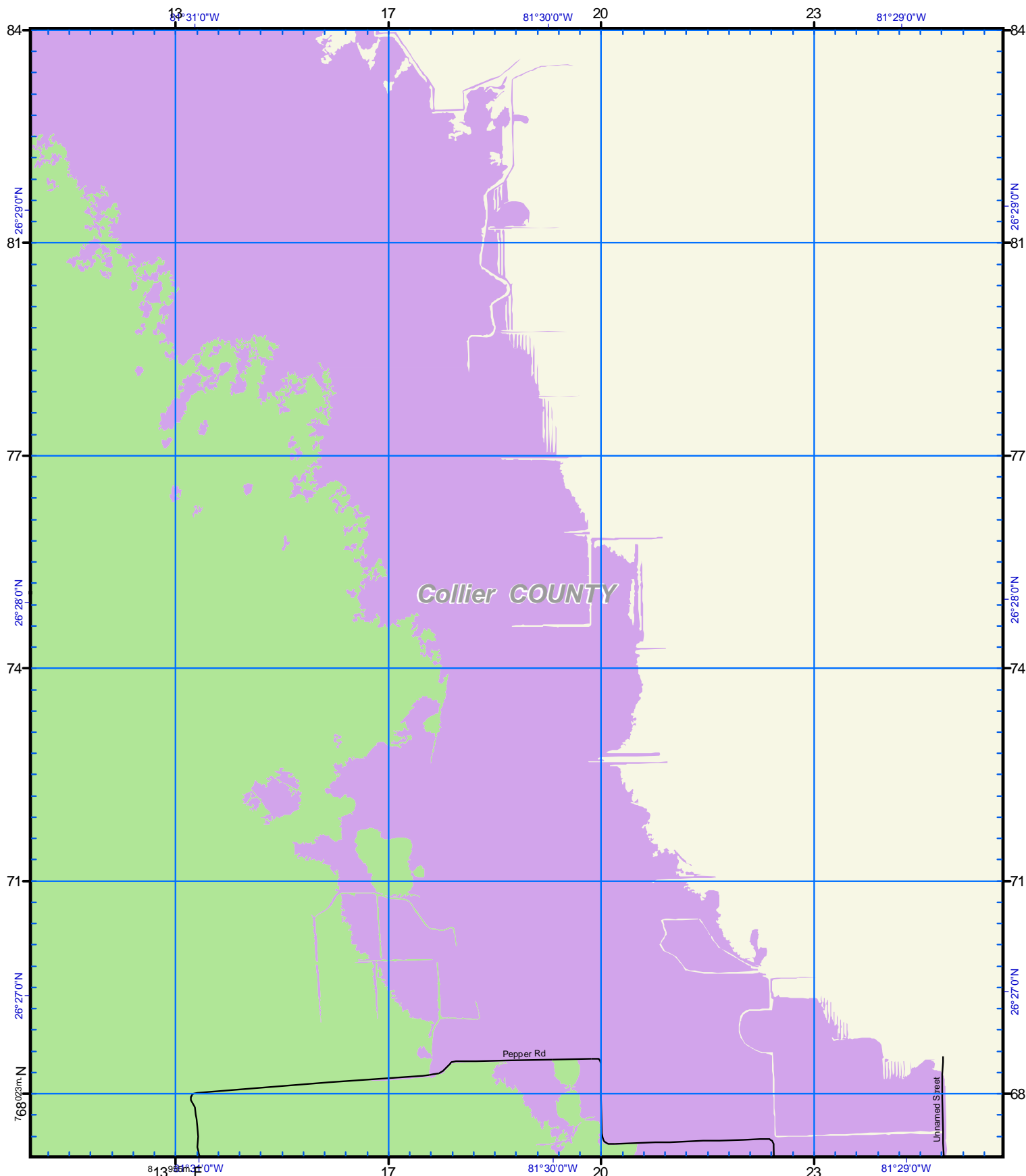
Page 311

Legend

● Ref Point	Cat
⌘ HOSPITAL	TS
⌘ City Limits	1
— Evac Route	2
■ WATER	3
	4
	5



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US National Grid
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MK
Grid Zone Designation
17R

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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

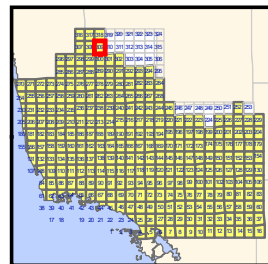
USNG Page 17R MK 48 25

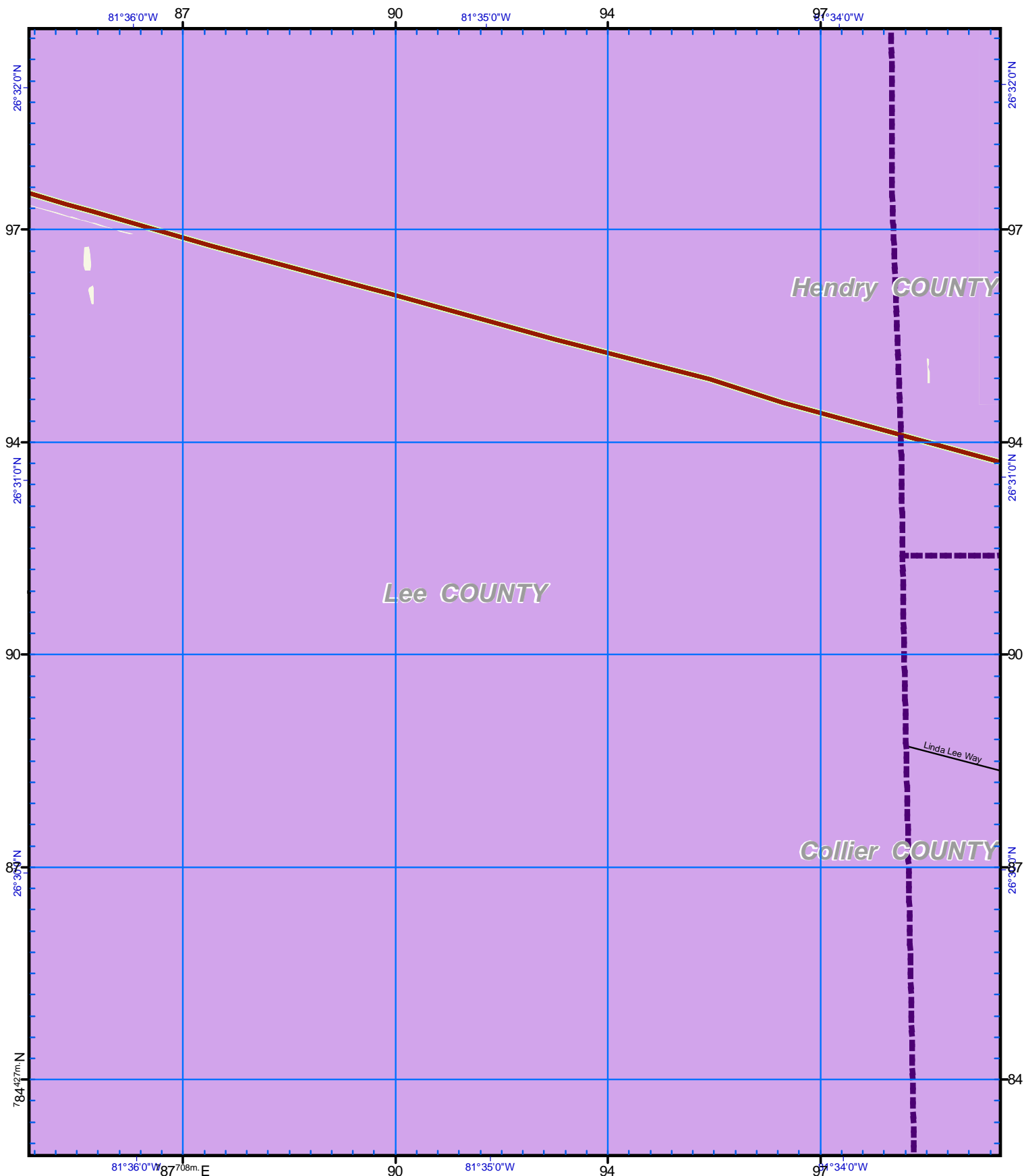
Map Plate 309

Page 312

Legend

● Ref Point	Cat
⌘ HOSPITAL	TS
⌘ City Limits	1
— Evac Route	2
■ WATER	3
	4
	5





US National Grid
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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

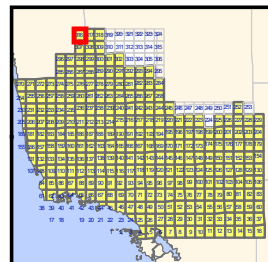
USNG Page 17R MK 40 30

Map Plate 316

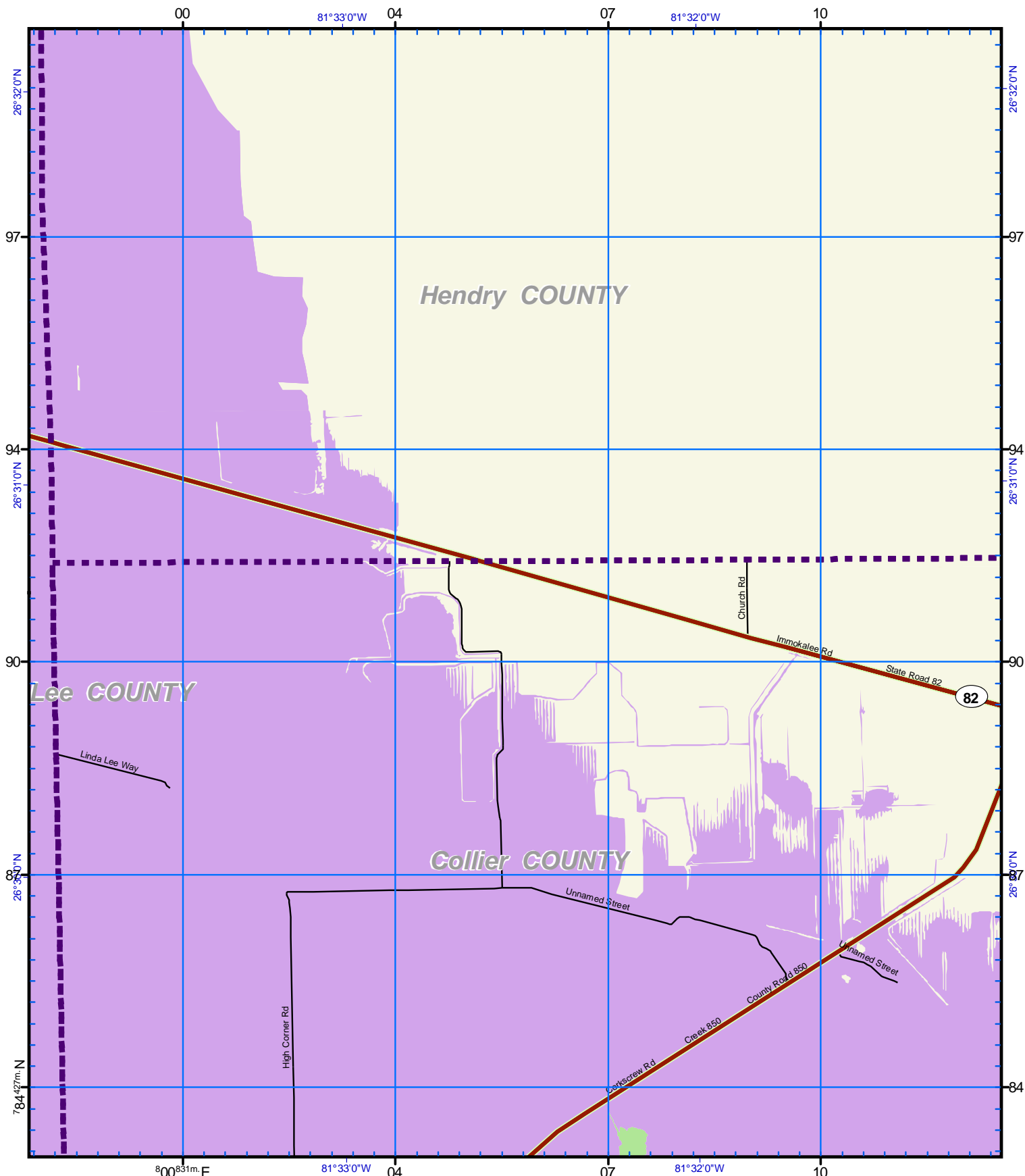
Page 313

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
—	City Limits	1	
—	Evac Route	2	
—	WATER	3	
		4	
		5	



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

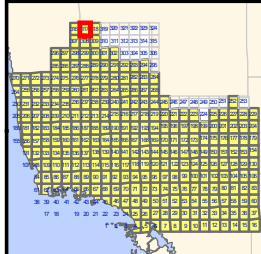
USNG Page 17R MK 44 30

Map Plate 317

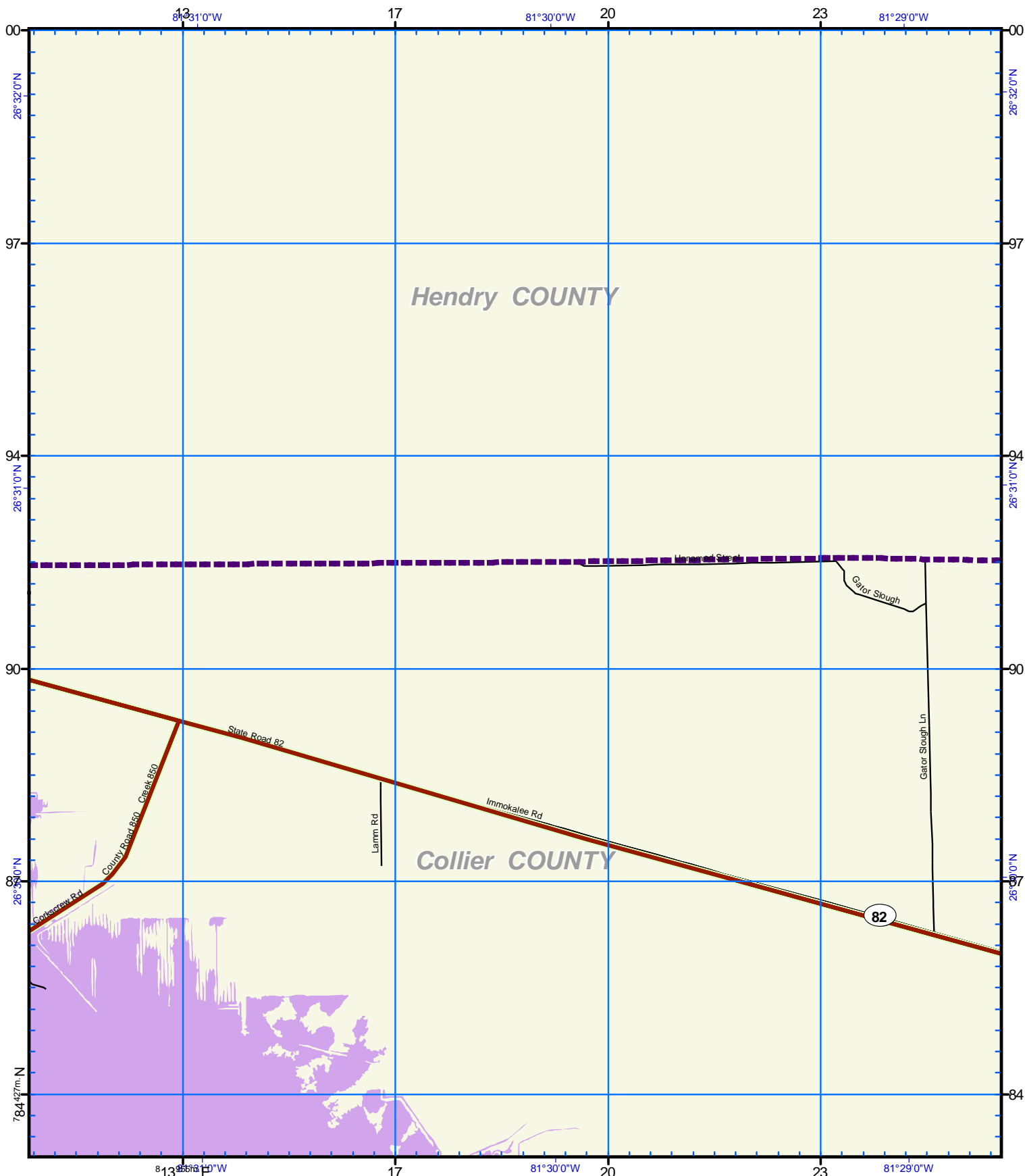
Page 314

Legend

● Ref Point	Cat
⌘ HOSPITAL	TS
⌘ City Limits	1
— Evac Route	2
■ WATER	3
	4
	5



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Storm Tide Zones

Collier County, 2010

Scale - 1:24,000

0 2,000 Feet

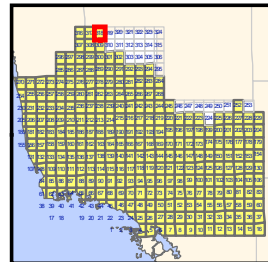
USNG Page 17R MK 48 30

Map Plate 318

Page 315

Legend

●	Ref Point	Cat	
H	HOSPITAL	TS	
□	City Limits	1	
—	Evac Route	2	
□	WATER	3	
		4	
		5	



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