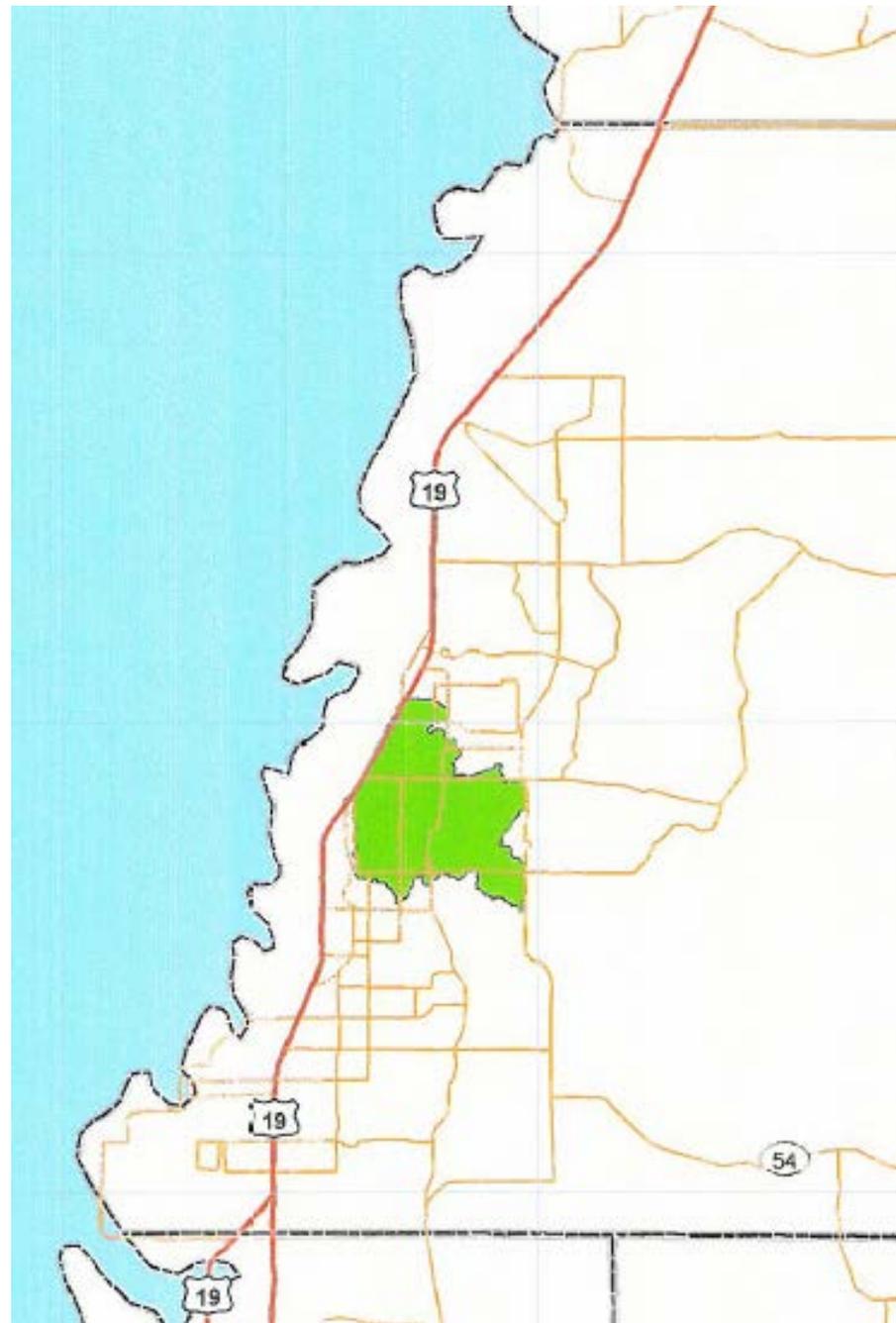


Watershed Meeting Port Richey Watershed

September 1, 2015

Welcome & Introductions



Outline of Meeting

- Watershed, Rainfall & Development Requirements
- Port Richey Watershed
- Rainfall
- Areas Affected & Pumping Operations
- Possible BMPs
- Emergency Response
- Human Services
- Comments Received

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Watershed Information

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Watershed News

- [Pasco County Watershed Meetings Press Release](#)
- [Watershed Map](#)
- [Stormwater Utility Report](#)

Pasco County is located on the west coast of Central Florida north of Tampa Bay. Four primary streams flow through Pasco County, including the Hillsborough River, the Withlacoochee River, the Anclote River and the Pithlachascotee River. There are 19 watersheds within Pasco County.

Pasco County and the Southwest Florida Water Management District cooperatively participate in a Watershed Management Program. The Watershed Management Program has five elements:

Topographic Information. The surface features and the boundaries of each watershed are determined.

Watershed Evaluation. The drainage flow and storage capabilities of the watershed are determined.

Watershed Management Plan. The plan will determine the capacity of a watershed to provide flood protection.

Best Management Practices. If the information from the Watershed Management Plan indicates that the level of service of the watershed is below the desired level of service, Best Management Practices (Projects) will be suggested that can improve the level of service. This may include development of water management facilities, land acquisition, regulation and education.

Maintenance of Watershed Information. New growth and altering the land can cause watershed features to change so the information within the Watershed Management Plan must be updated.

The Watershed Management Plan is also used for the development of updated Flood Insurance Rate Maps. Information on the Floodplain Management Program and the Flood Insurance Rate Maps is available by selecting this [link](#).

For information on activities within each watershed please select any of the following:

- [Anclote \(East\)](#)
- [Bear Creek-Pithlachascotee](#)
- [Double Hammock](#)
- [Duck Lake](#)
- [Duck Slough](#)
- [Pinellas-Anclote](#)
- [Port Richey](#)

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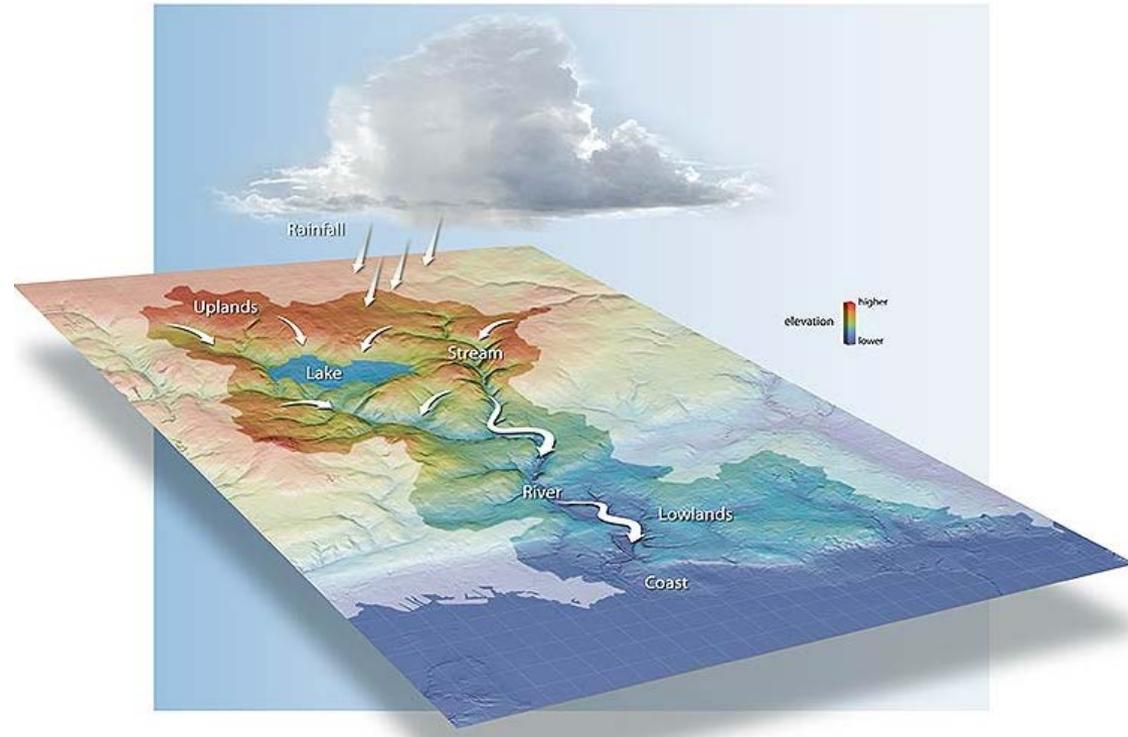
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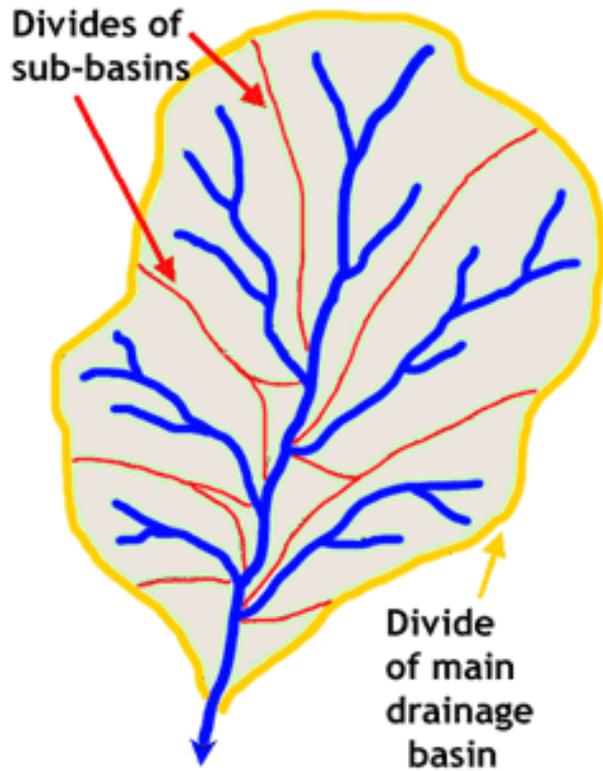
Watershed is Defined as...

- The land area water flows across to drain into a lake, river, coast or other water body.



Within the Watershed

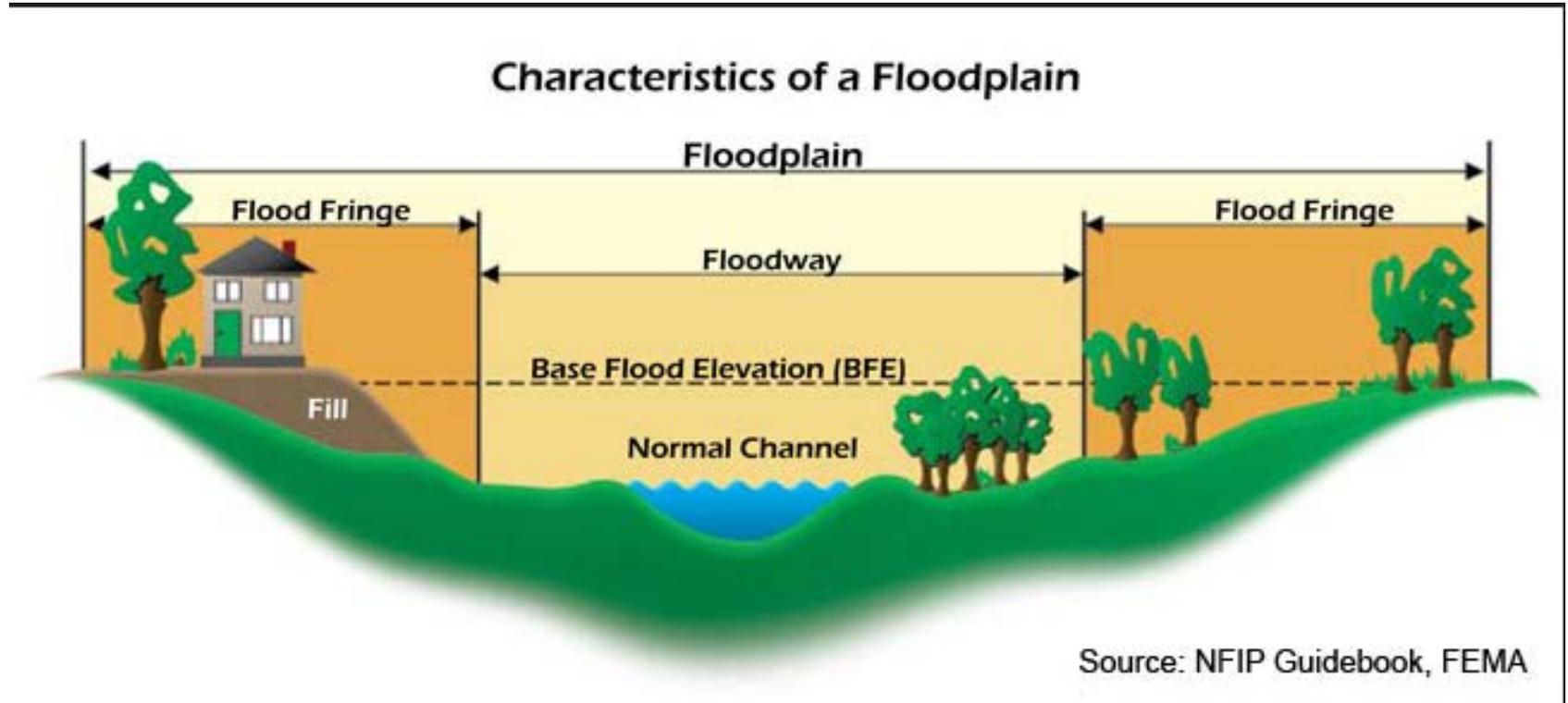
Open Basin



Closed Basin



Floodway

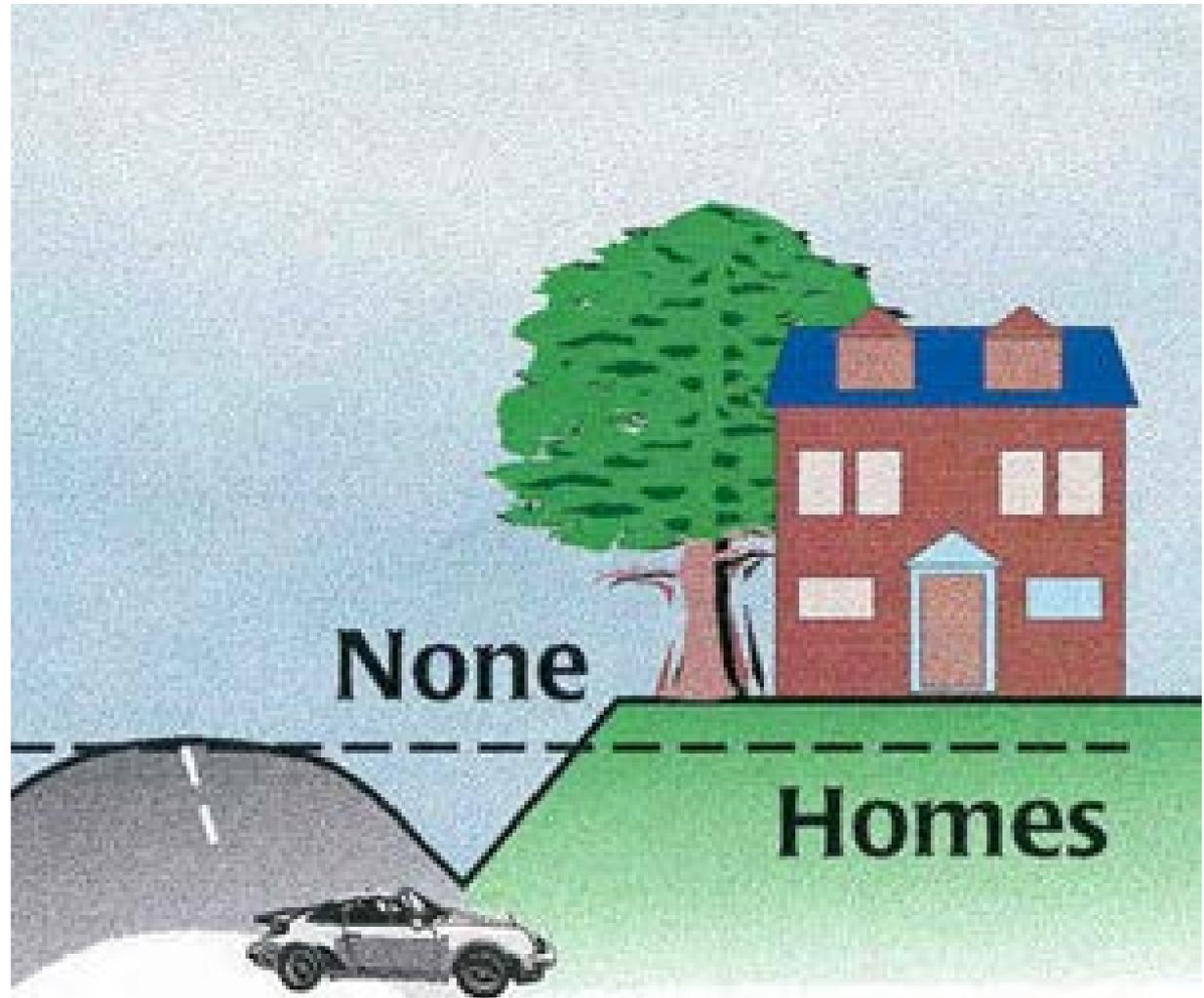


Storms Events defined by Rainfall Amounts

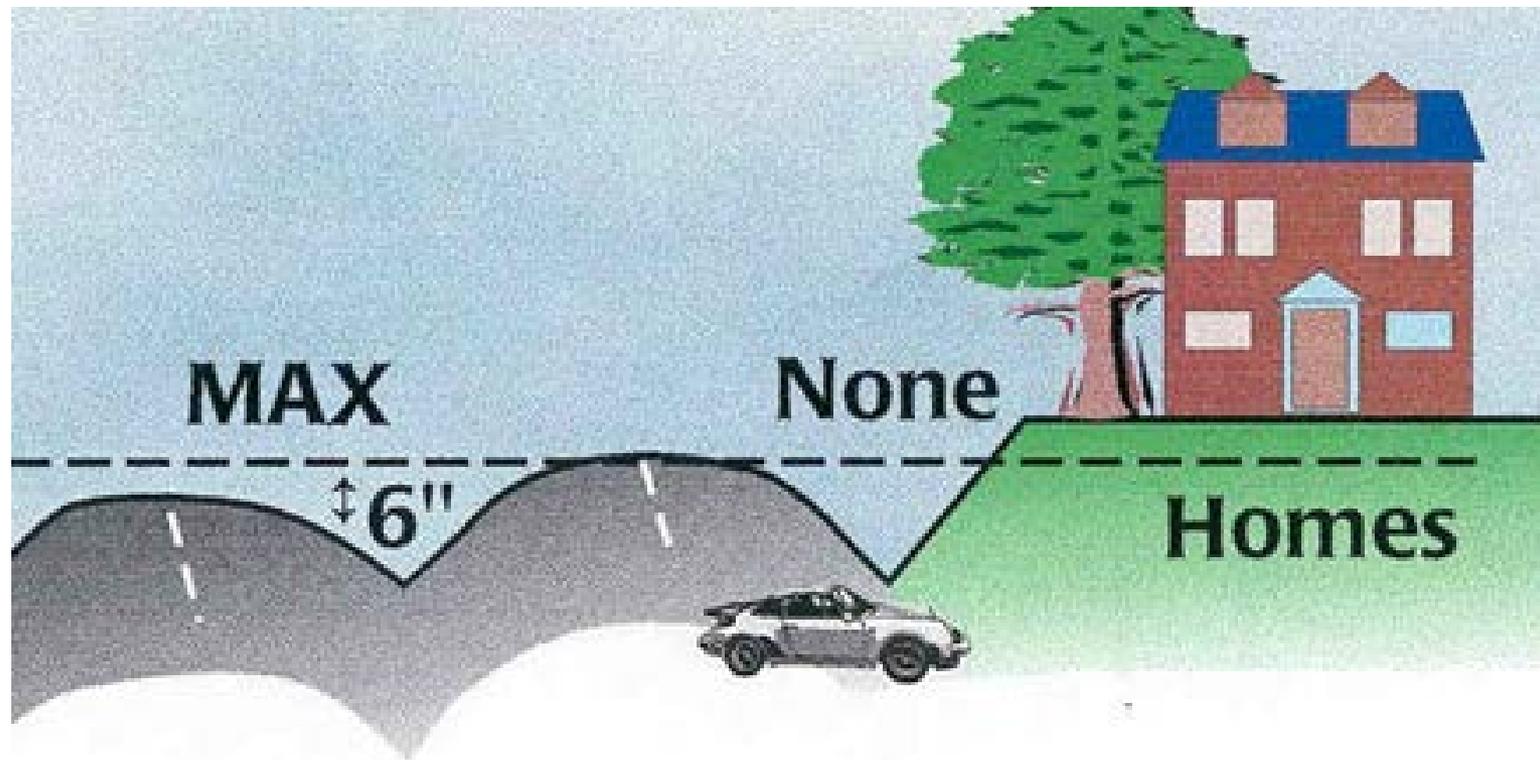
Design Storm Recurrence Interval	Total Rainfall (inches per 24 hours)
Mean Annual (2.33yr)	5.0
5 year	6.0
10 year	7.25
25 year	9.0
50 year	10.0
100 year (1% Annual Chance)	12.4
500 year (0.2% Annual Chance)	

Development Requirements

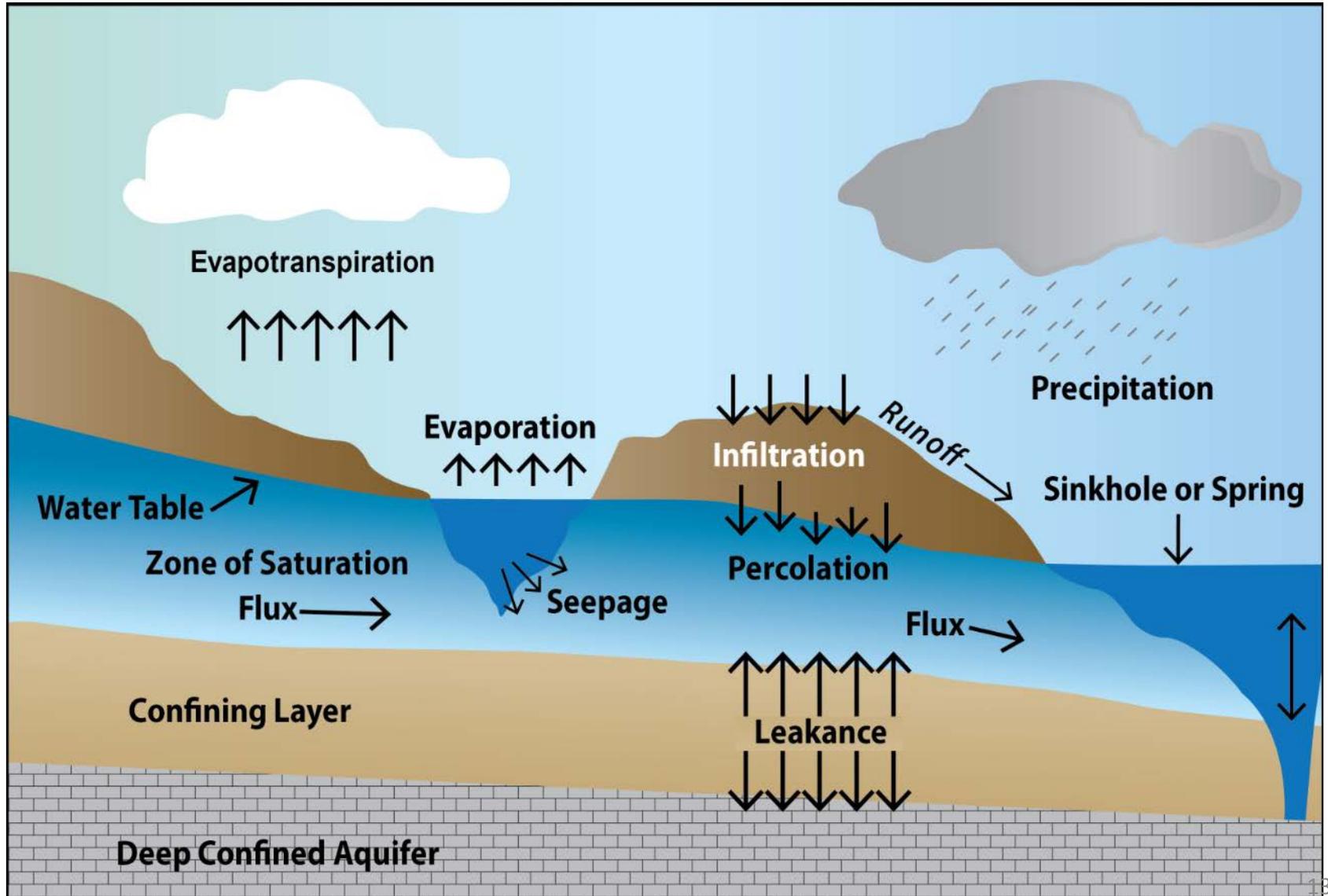
- Homes, Evacuation Routes and Arterial Roadways Elevated Above the 100-year Flood Elevation



- Neighborhood and collector roadways elevated to the 25-year storm
- 6-inch water depth at edge or roadway allowed

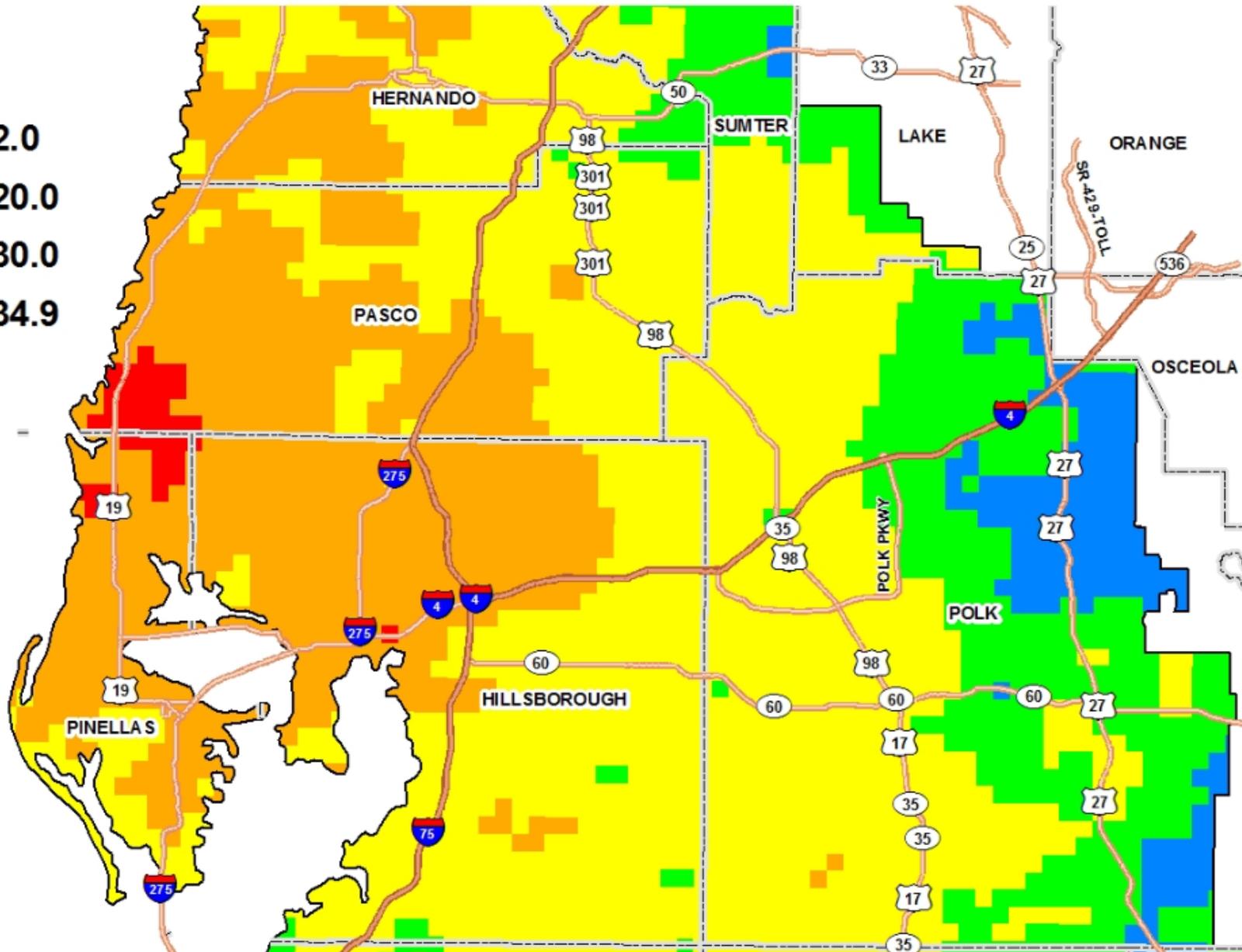
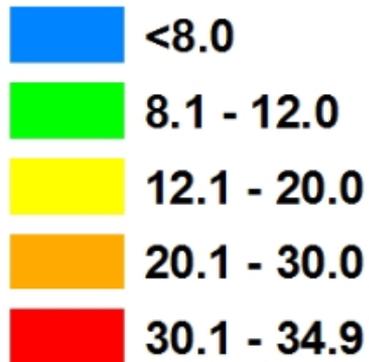


Normal Conditions

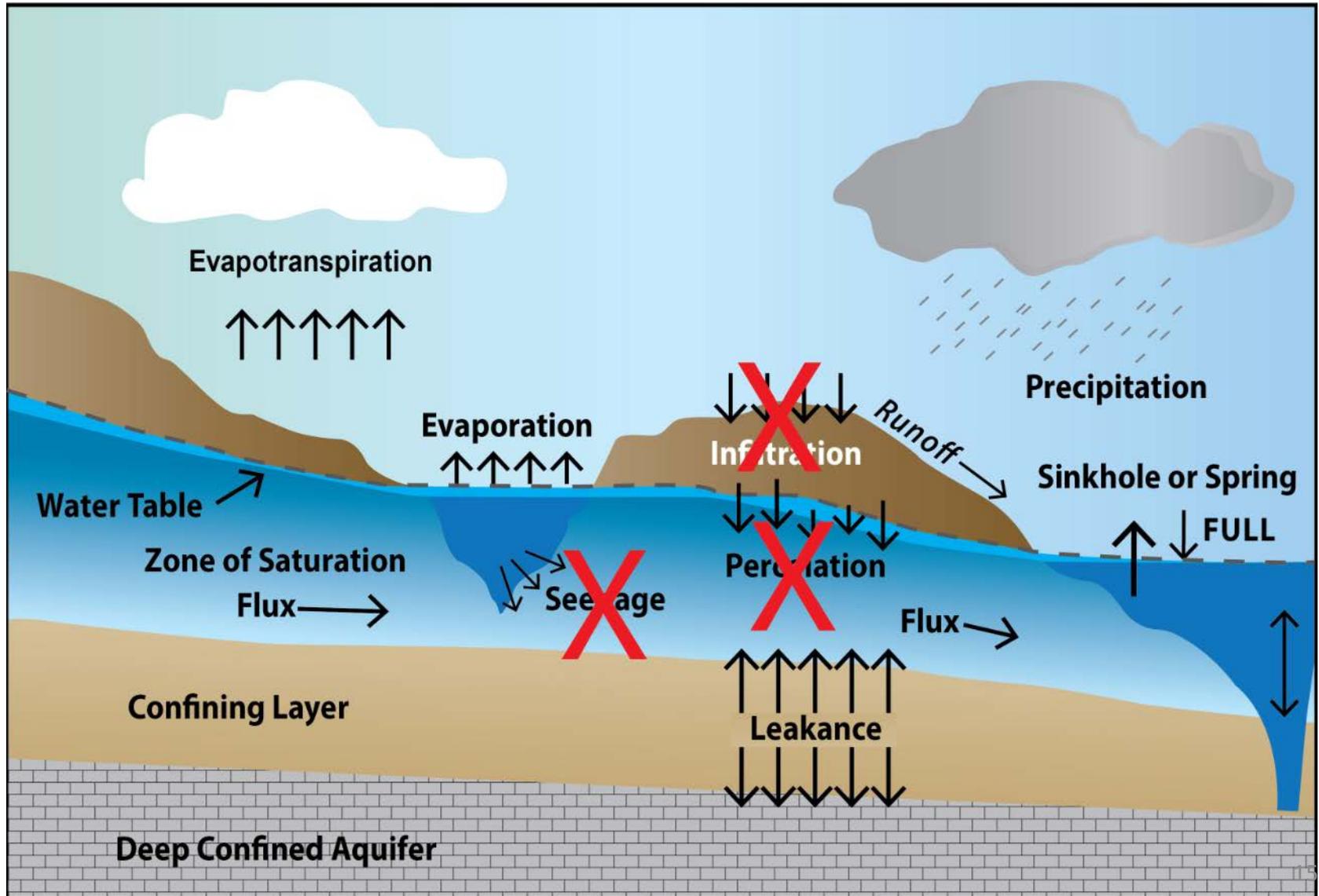


SWFWMD Rainfall Distribution

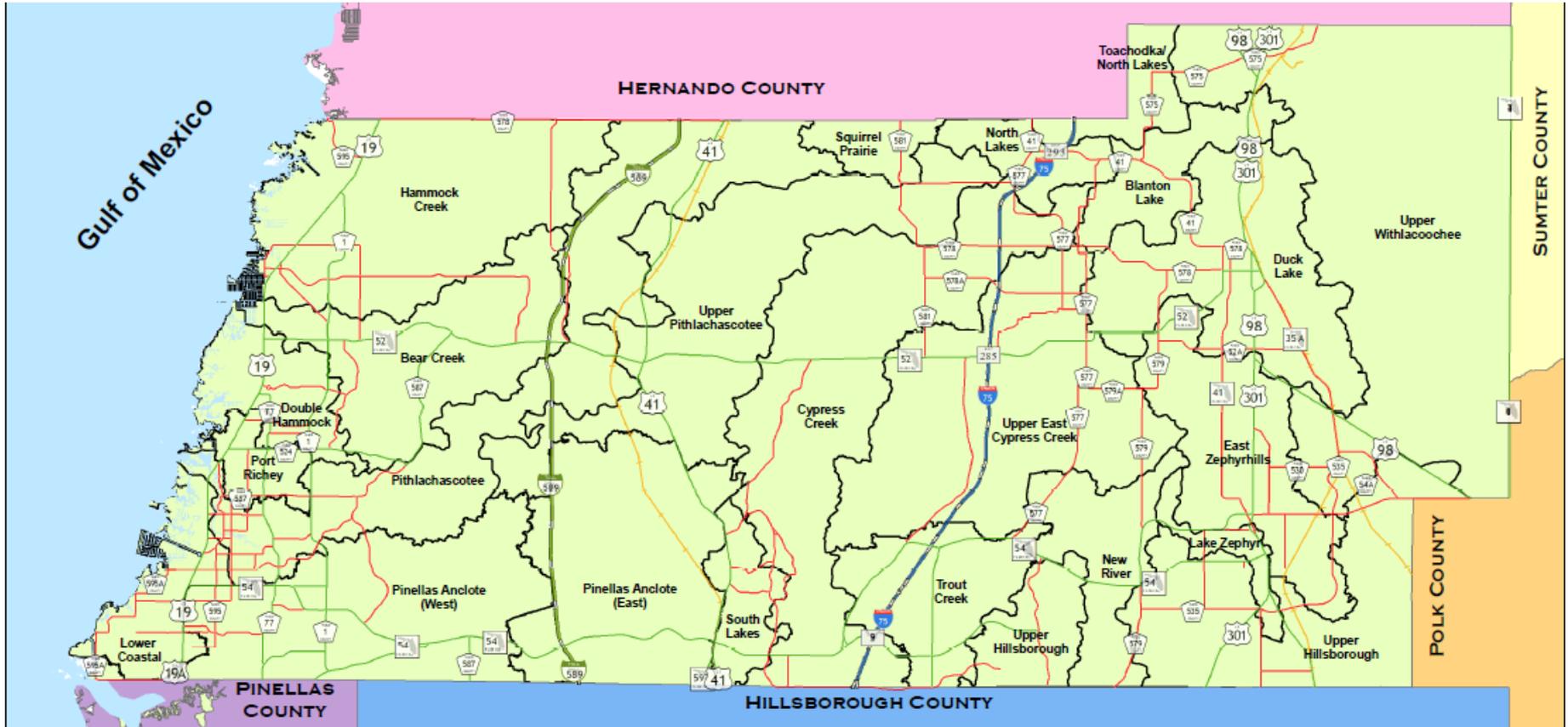
July 16 to August 17, 2015



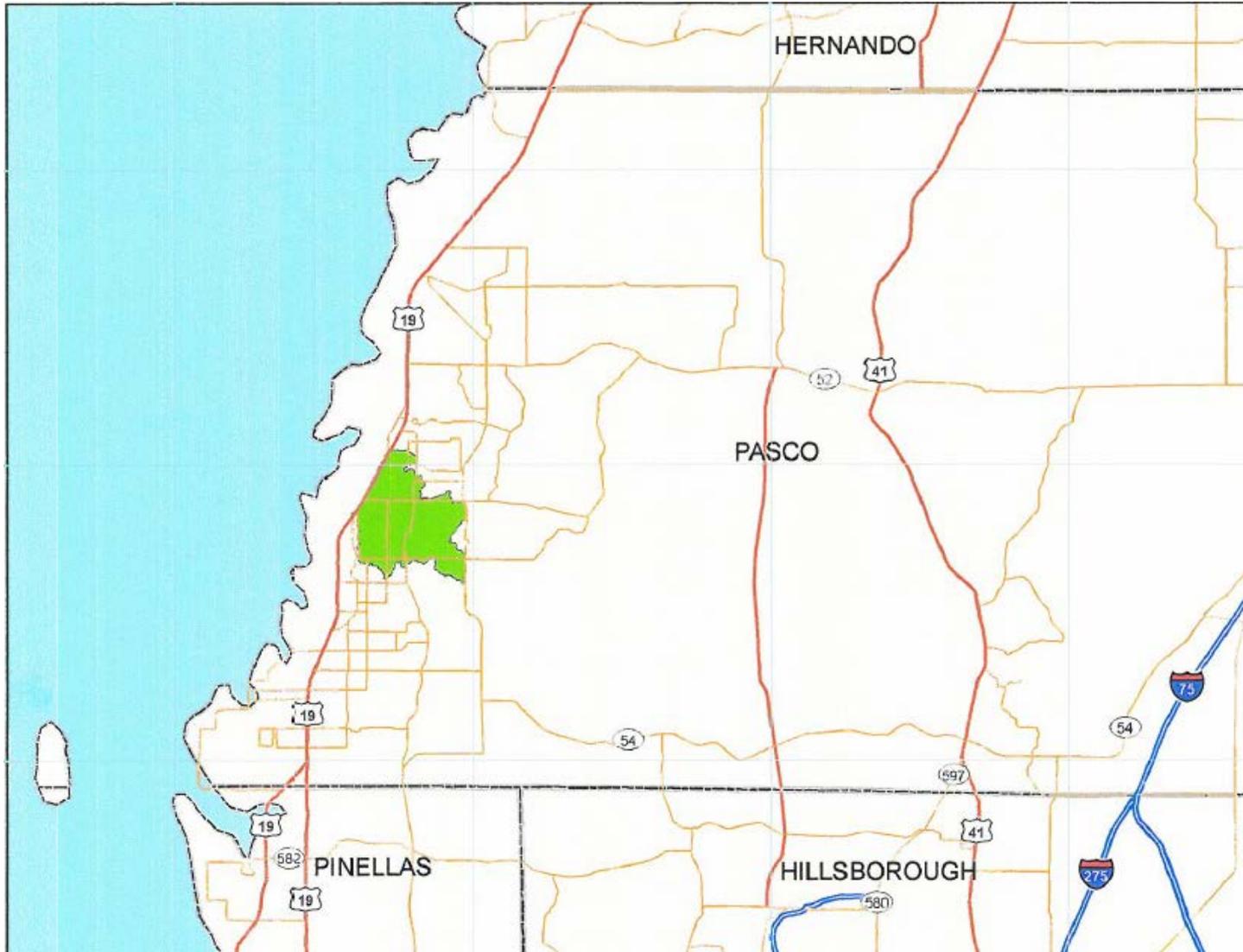
Current Conditions-Saturated



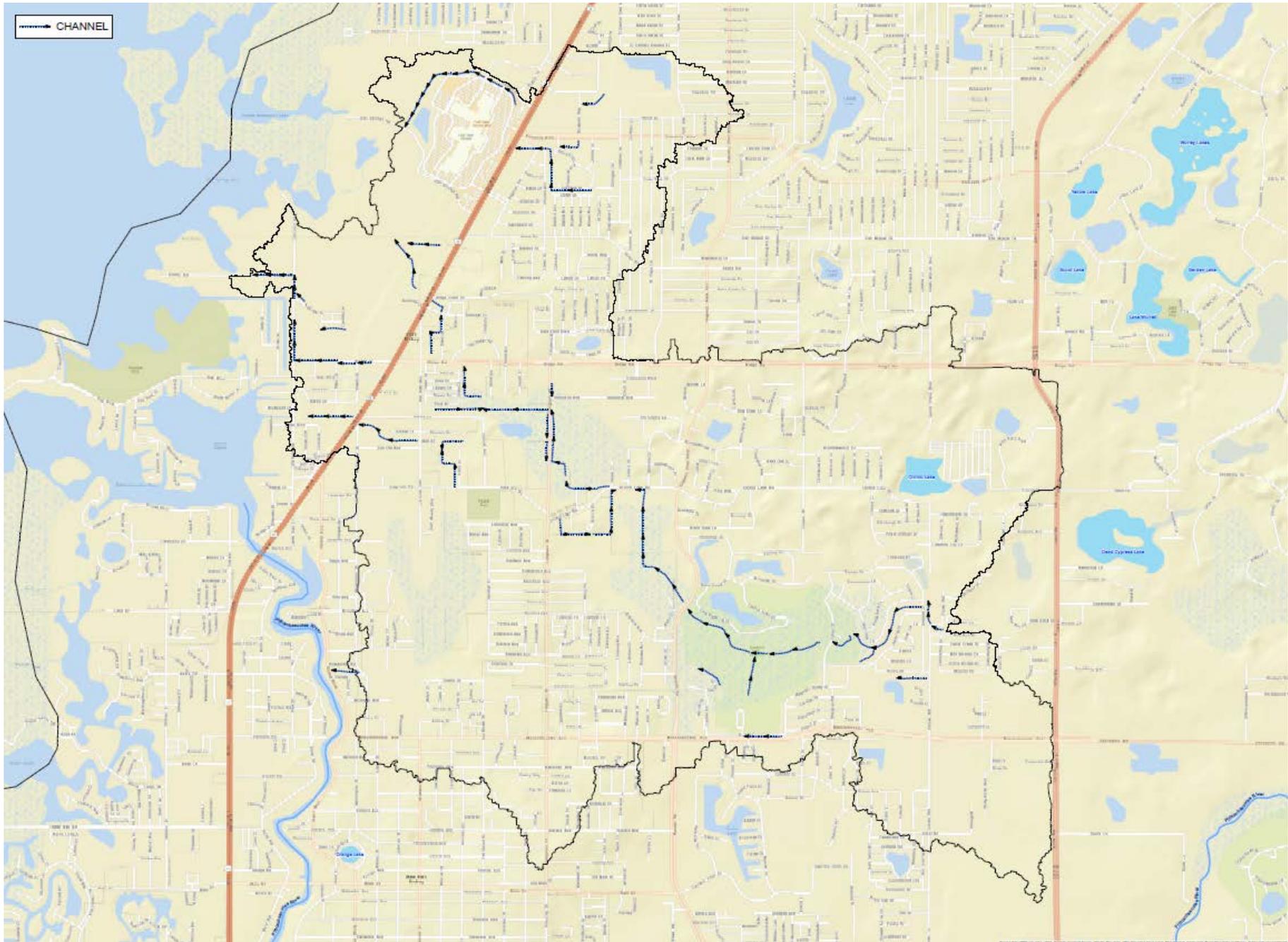
Watersheds in Pasco



Port Richey Watershed



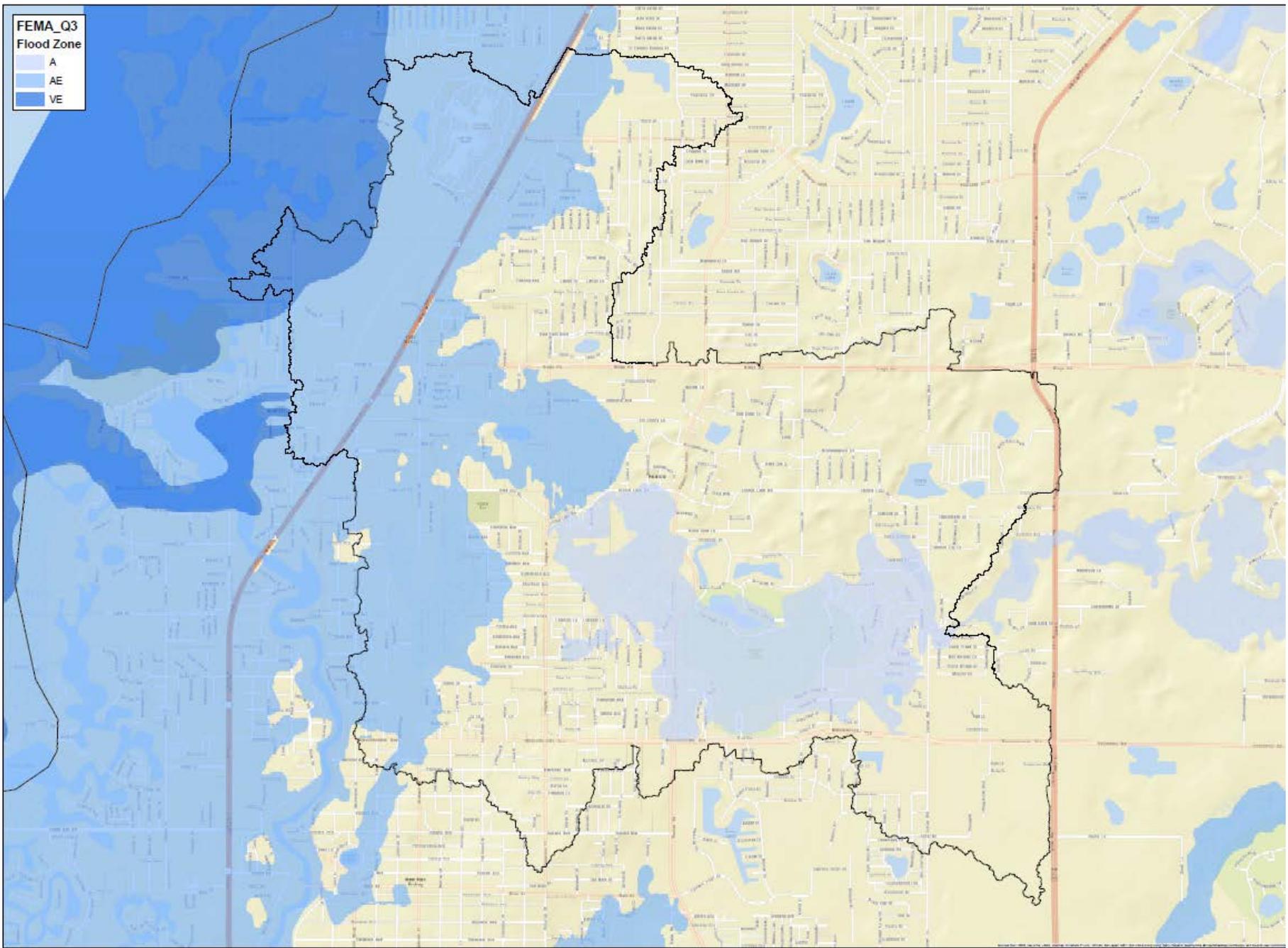
CHANNEL

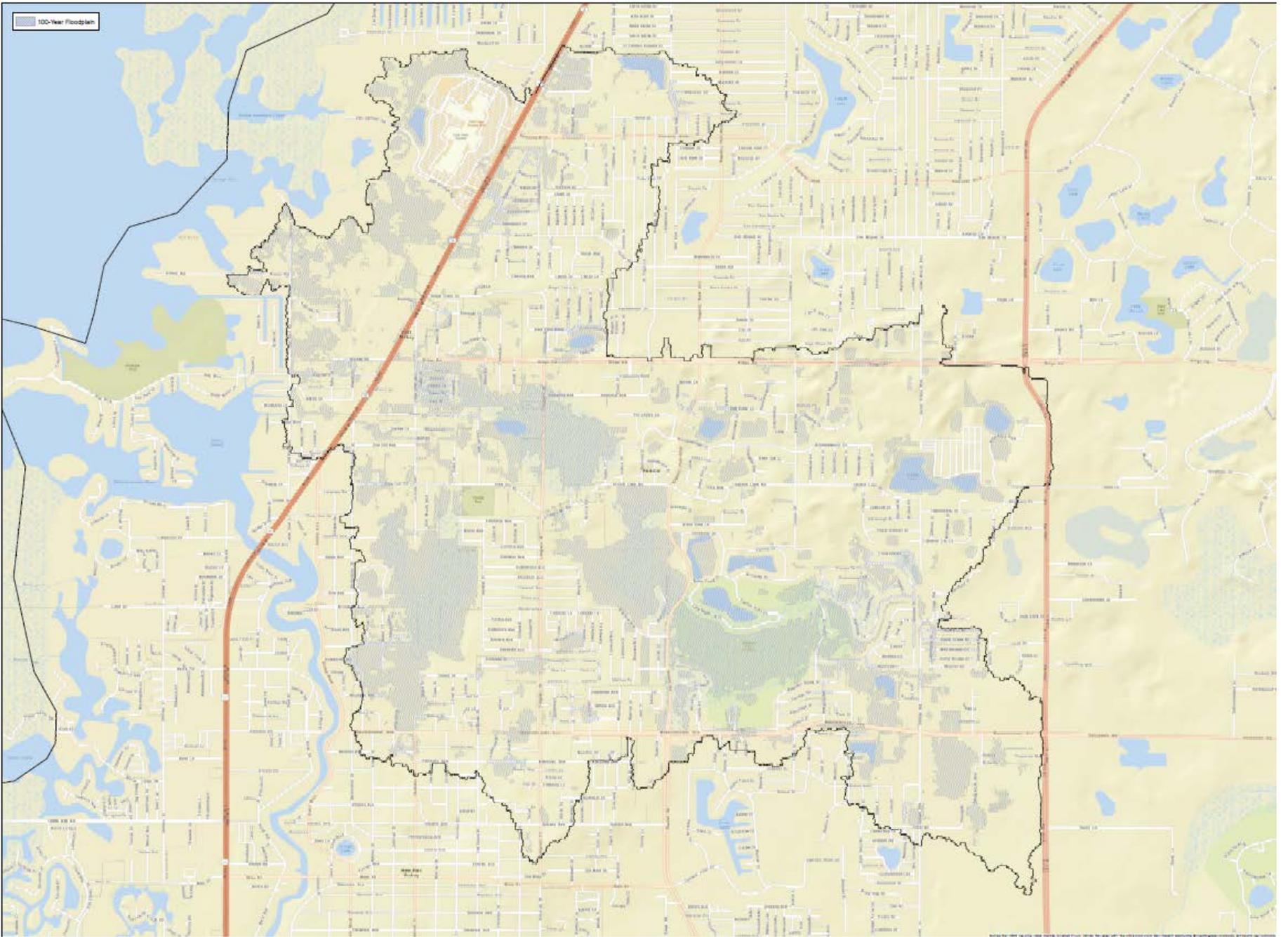


FEMA_Q3

Flood Zone

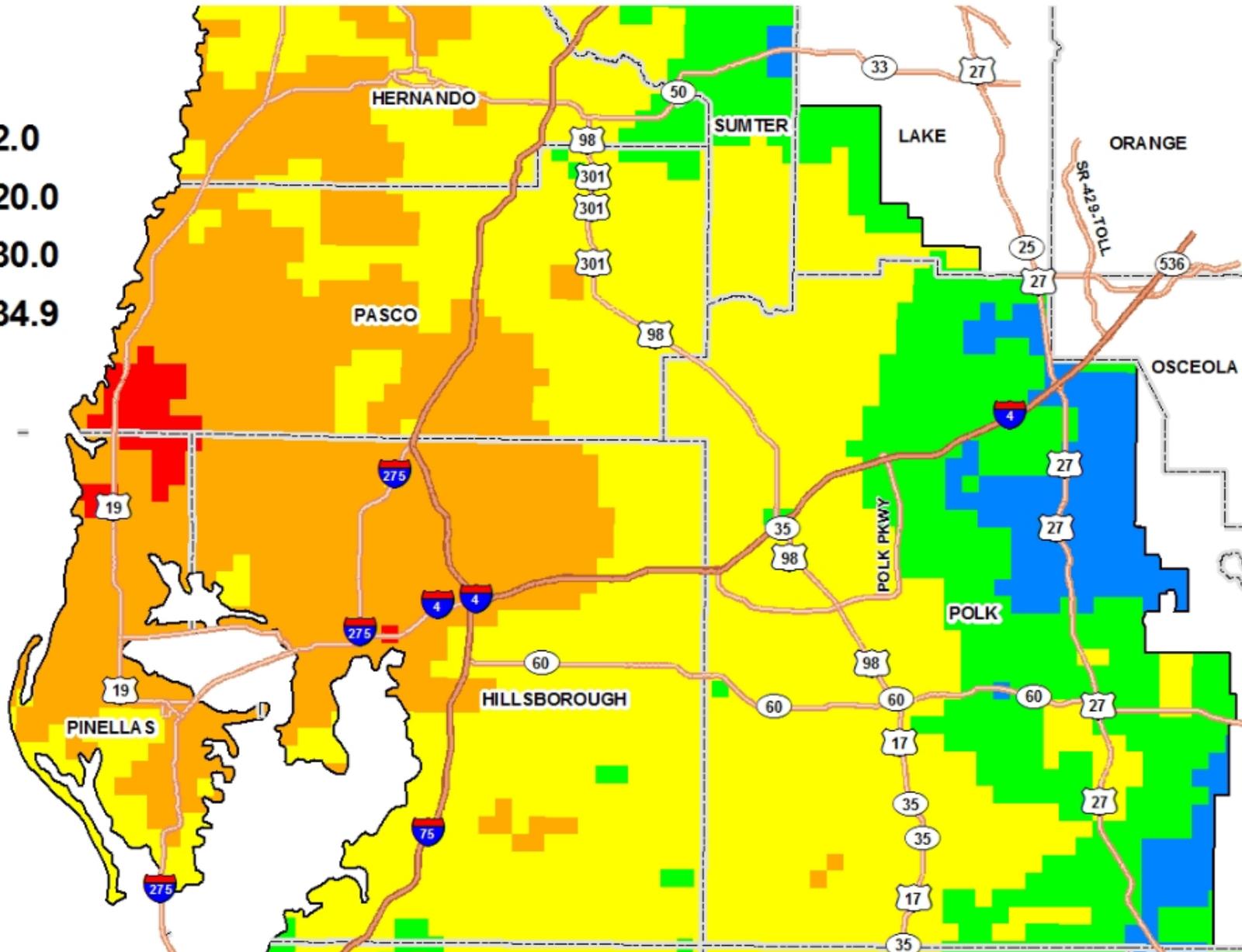
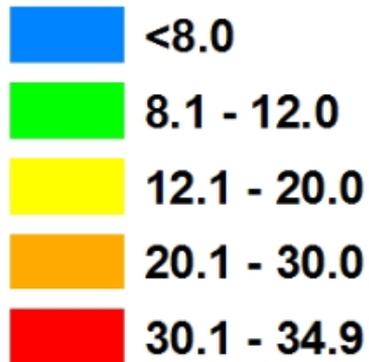
- A
- AE
- VE





SWFWMD Rainfall Distribution

July 16 to August 17, 2015



Areas Affected within Port Richey WS

- Magnolia Valley
- Suncoast Gateway MHP
- Holiday Hills
- Others

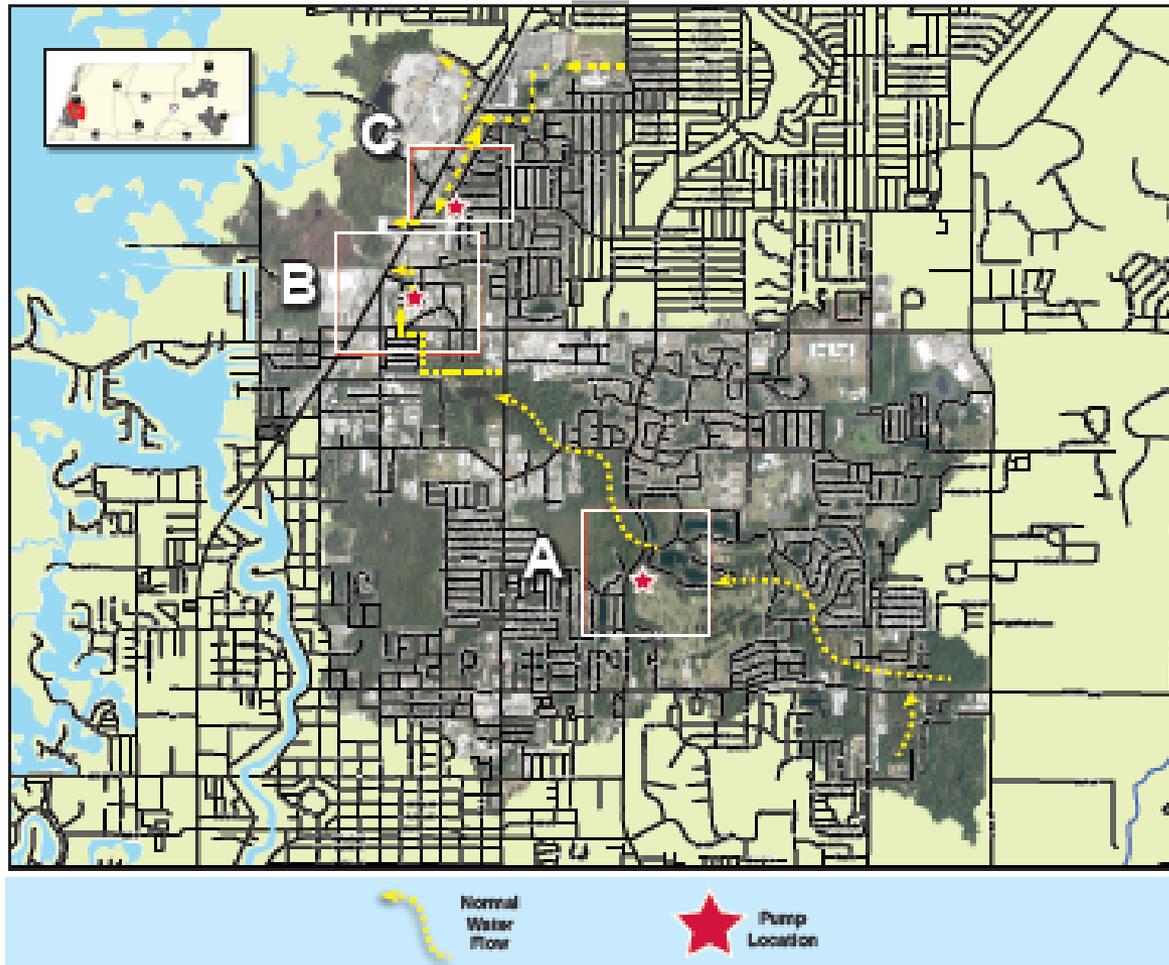
Pumping Operations

- Rowan Road – Magnolia Valley Pump Station
- Rees & Springer
- Holiday Hills – Pegasus to canal



Port Richey Watershed Pumps

The Port Richey Watershed encompassed approx 5.9 Sq. miles. Flow is generally West to Northwest from Little Rd to out falls under US19 to the Gulf of Mexico.



The Magnolia Valley Subdivision utilizes a permanent pumping station for its drainage system. It is operated by a Private Entity



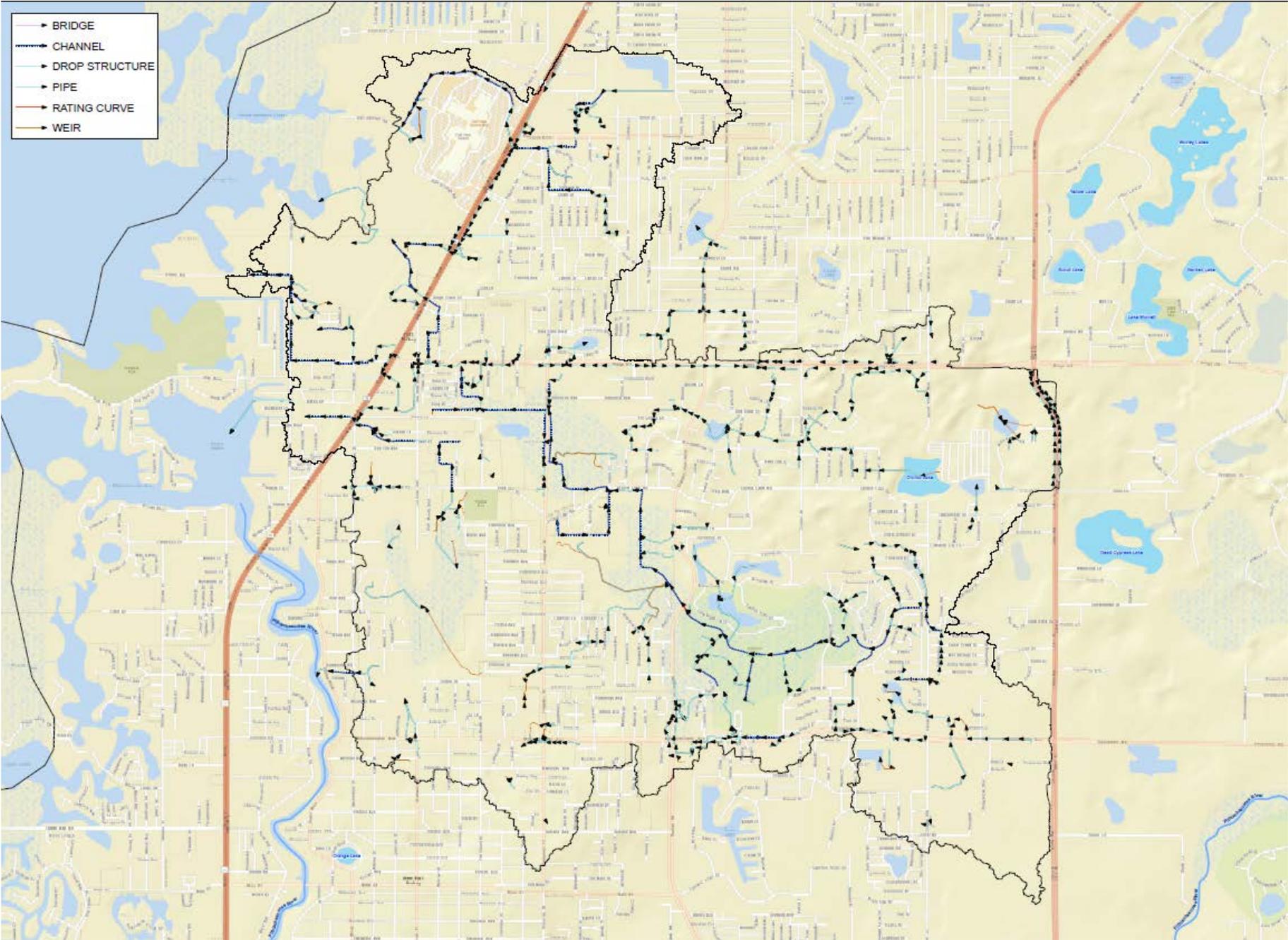
To assist the drainage system that travels from Magnolia Valley northeast around Suncoast Gateway MHP a pumping operation is occurring to expedite flow to the Gulf of Mexico.



The Holiday Hills Subdivision utilizes a permanent pumping station for its drainage system. It is operated by Pasco County.

Possible BMPs

- BRIDGE
- CHANNEL
- DROP STRUCTURE
- PIPE
- RATING CURVE
- WEIR

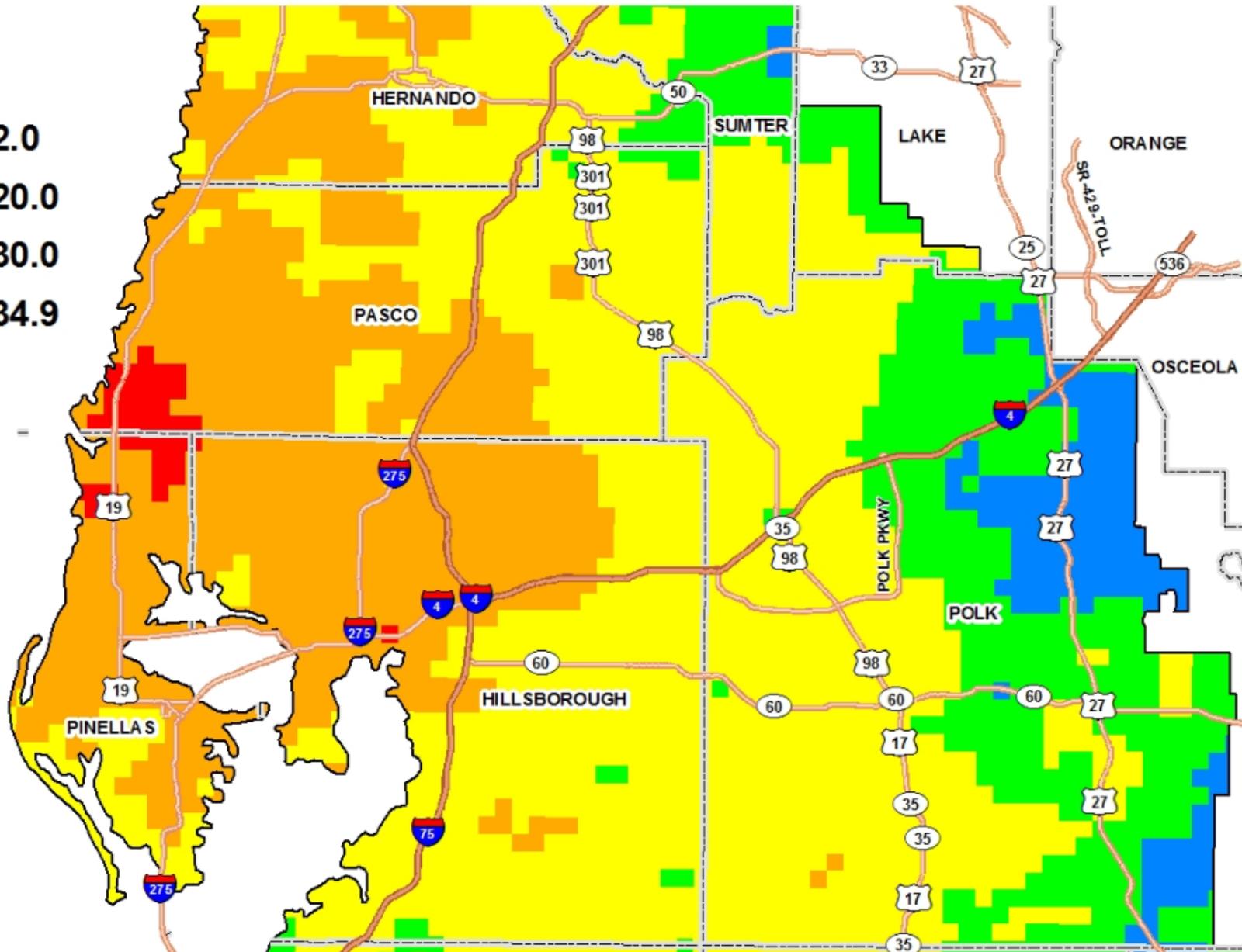


Emergency Response

- July 16, 2015 →: Public Works increases attention to roadways, pumping operations and Flood Gate Operations
- July 24, 2015 → NWS alerts Pasco County to further intensification of conditions
- July 24, 2015 → Activation of response agencies
- July 25, 2015 → Emergency Operations Center (EOC) partially activated

SWFWMD Rainfall Distribution

July 16 to August 17, 2015



Emergency Response

- July 26, 2015 → Evacuation, transportation assistance and shelters
 - Elfers Parkway
 - Suncoast Gateway MHP
 - Harborview MHP
 - Oaks View Apartments
 - New American Condos
- July 27, 2015 → Local damage assessment (structures) initiated
- July 31, 2015 → Local State of Emergency declared (retroactive to 7/16/15)
- August 3, 2015 → Full activation of EOC

Emergency Response

- August 3 → Mutual Aid requested
- August 6, 2105 → Human Needs Assessment initiated
- August 6, 2015 → Governor's Executive Order
- August 8, 2015 → Affected/Isolated areas with human needs
 - Water, food, medications, transportation, port-a-lets, handwash stations, showers, household trash removal, well testing

Emergency Response

- August 12, 2015 → Flood Recovery Center (FRC) opened
- August 13, 2015 → Temporary housing needs met
- August 13-14, 2015 → Joint DA with state/feds
- August 18, 2015 → Recommendation for demobilization of mutual aid resources and EOC; move to a day-to-day command and control model
- August 28, 2015 → Reactivation of the EOC due to TS Erika

Summary of Flood Housing Programs Community Development

- Hotel Vouchers - Up to two weeks, must apply by October 5, 2015 – Housing Counselors will assist on additional needs
- Rental Assistance – First, Last Month Rent, Security Deposits
- Utilities Assistance – Assist with Utility Deposit
- Displaced Homeowners and Tenants – Temporary Rental Assistance up to a year, 3 month increments

Summary of Flood Housing Programs Community Development

- Pasco Fix Program – For Homeowners that Need Repairs
 - Must meet income qualifications
 - Must have clear title to property
 - Loan at 0% interest rate
 - Payments begin 10 years after the initial loan signing

Summary of Flood Housing Programs Community Development

Insurance Deduction Program – pay for deductible payments for homeowners required by Insurance policy

NOTE:

- A. All programs must meet the income guideline of 120% median income
- B. All programs require application process

Summary of Flood Housing Programs Community Development

- August 26, 2015 – Pasco County was awarded \$1.5 million additional State Housing Initiative Partnership (SHIP) funds
- The top priorities for these funds will be:
 - A. Owner Occupied Rehabilitation
 - B. Relocation Assistance

Summary of Flood Housing Programs Updated Services

Flood Recovery Center

8620 Galen Wilson Boulevard

Port Richey, FL 34668

8:00 a.m. – 5:00 p.m.

Monday - Friday

Call the Resident Information Center for more
information

727-847-2411

Comments

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SPOTLIGHT

PASCO FLOOD INFO

AUGUST, 2015

PASCO COUNTY 360

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