

### Report Parameters:

DEM File Name: Melbourne\_NAD83

EPSG Code: 26917

Units of DEM: Meters

DEM Aggregation Factor: 8

Clipped Flowlines Path: IRL-Pineda-Flowlines-Export\_NAD83.shp

Burn Width: 3

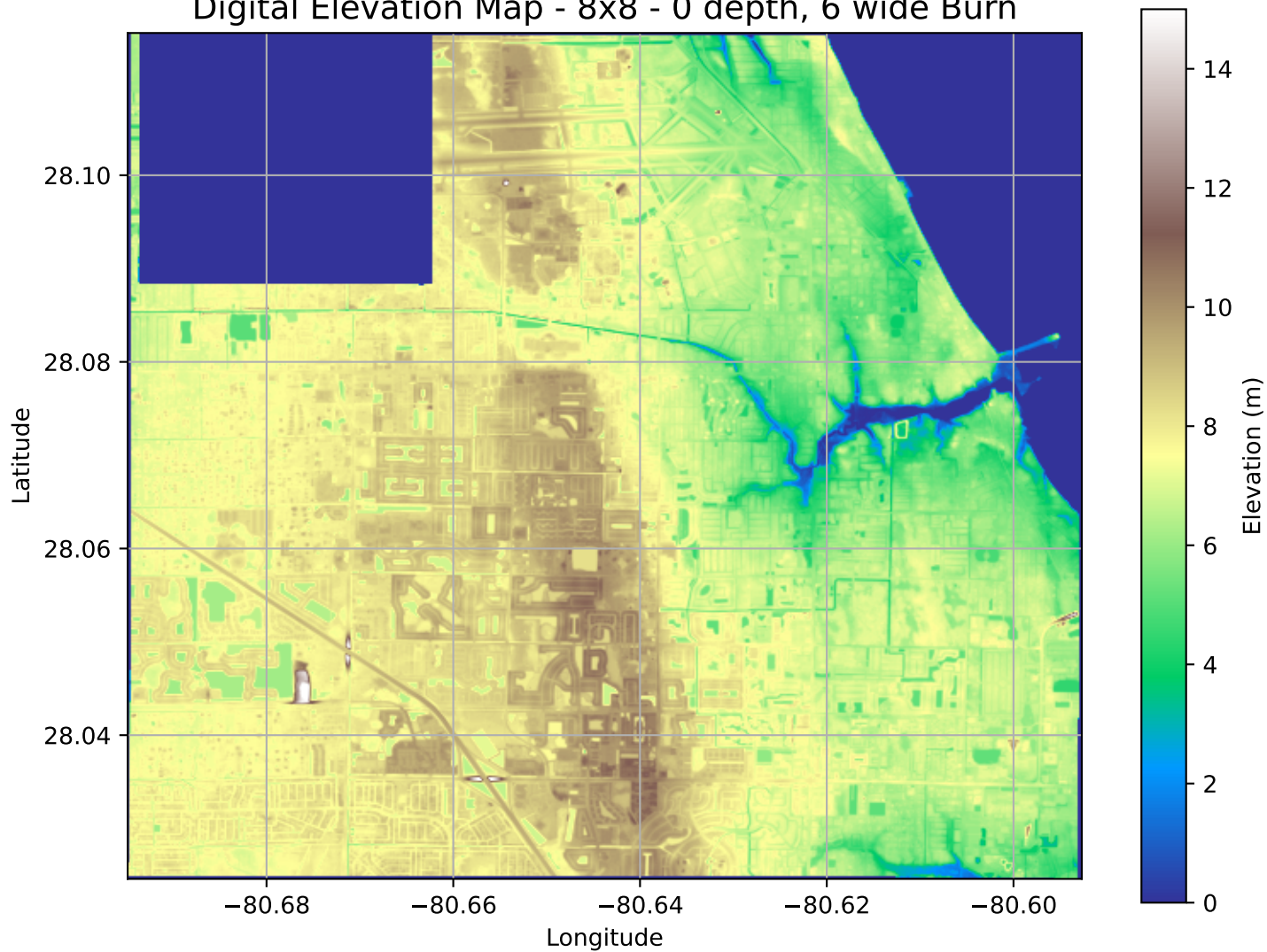
Burn Value: 0

Minimum Flow Accumulation - Channels: 2000

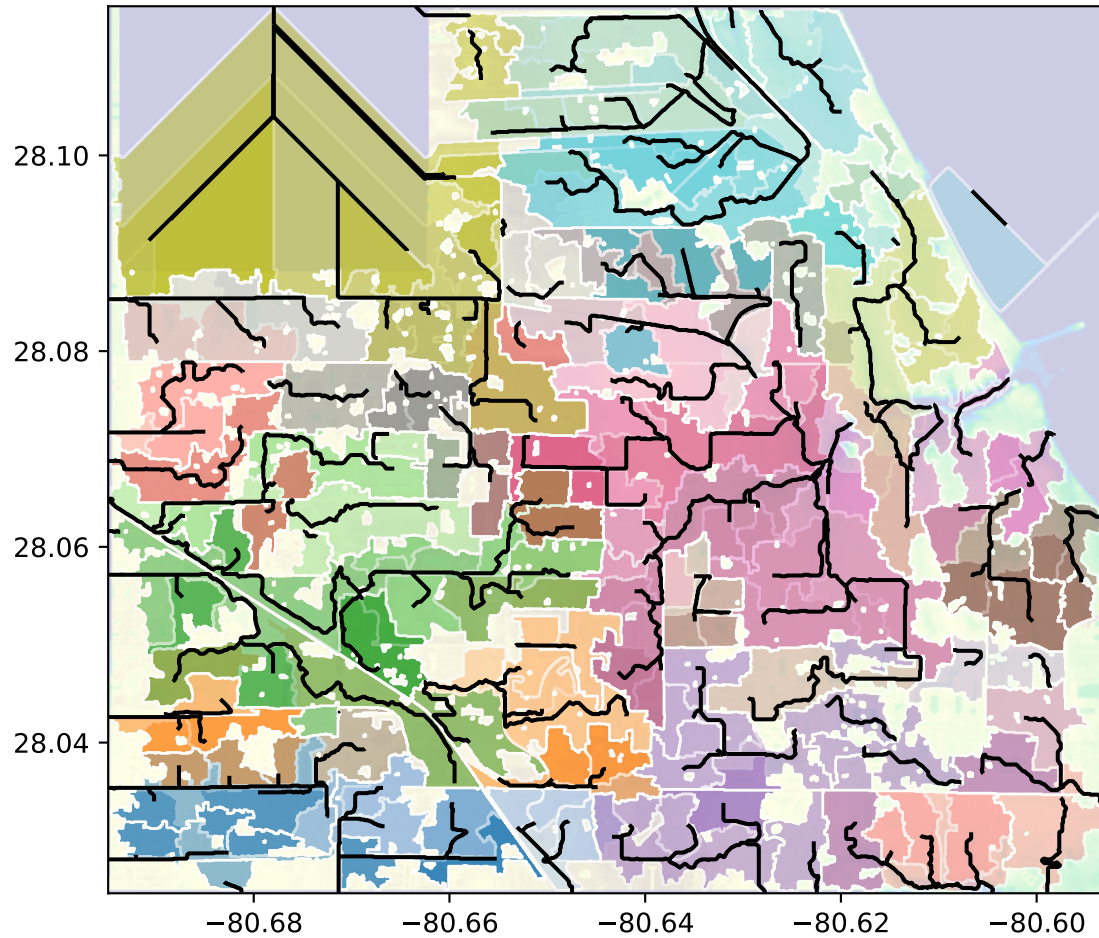
Minimum Total Pond Area per Microwatershed: 15

Max Number of Ponds per Microwatershed: 50

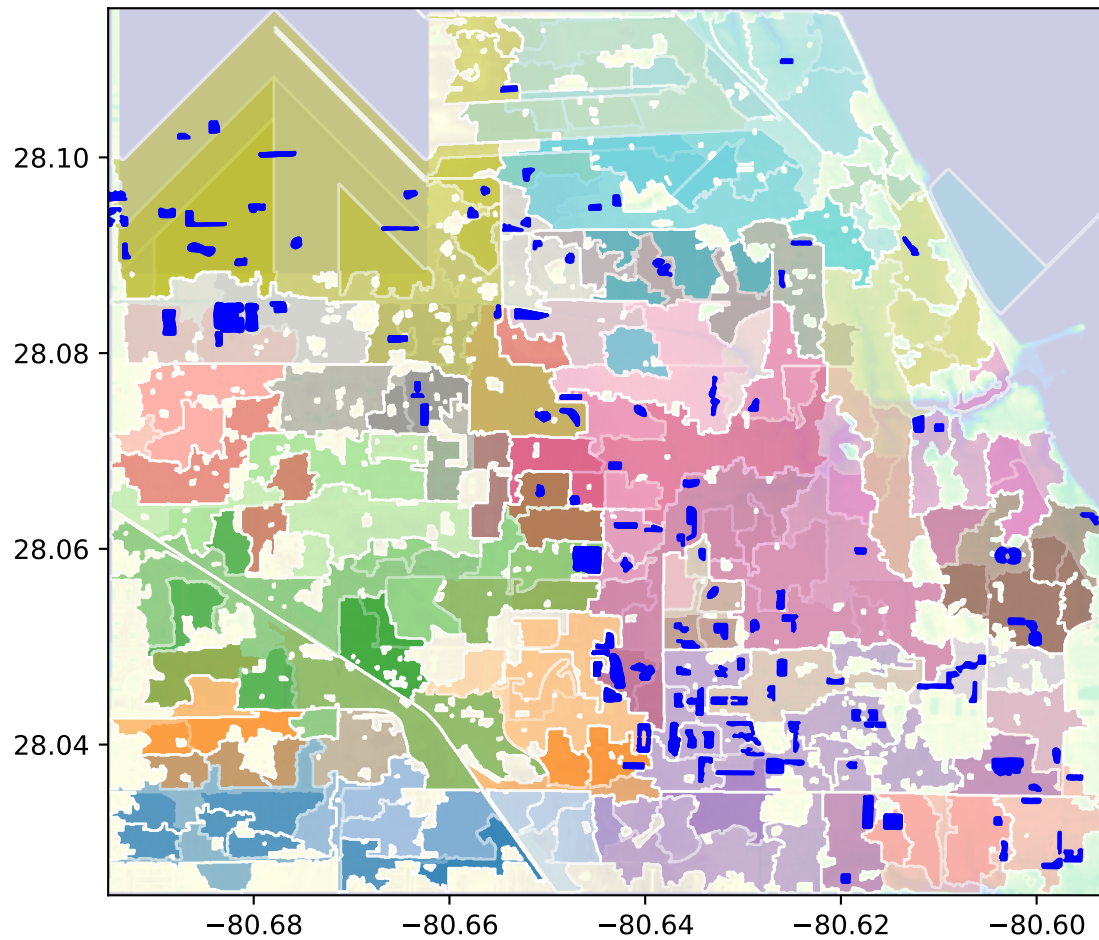
Digital Elevation Map - 8x8 - 0 depth, 6 wide Burn



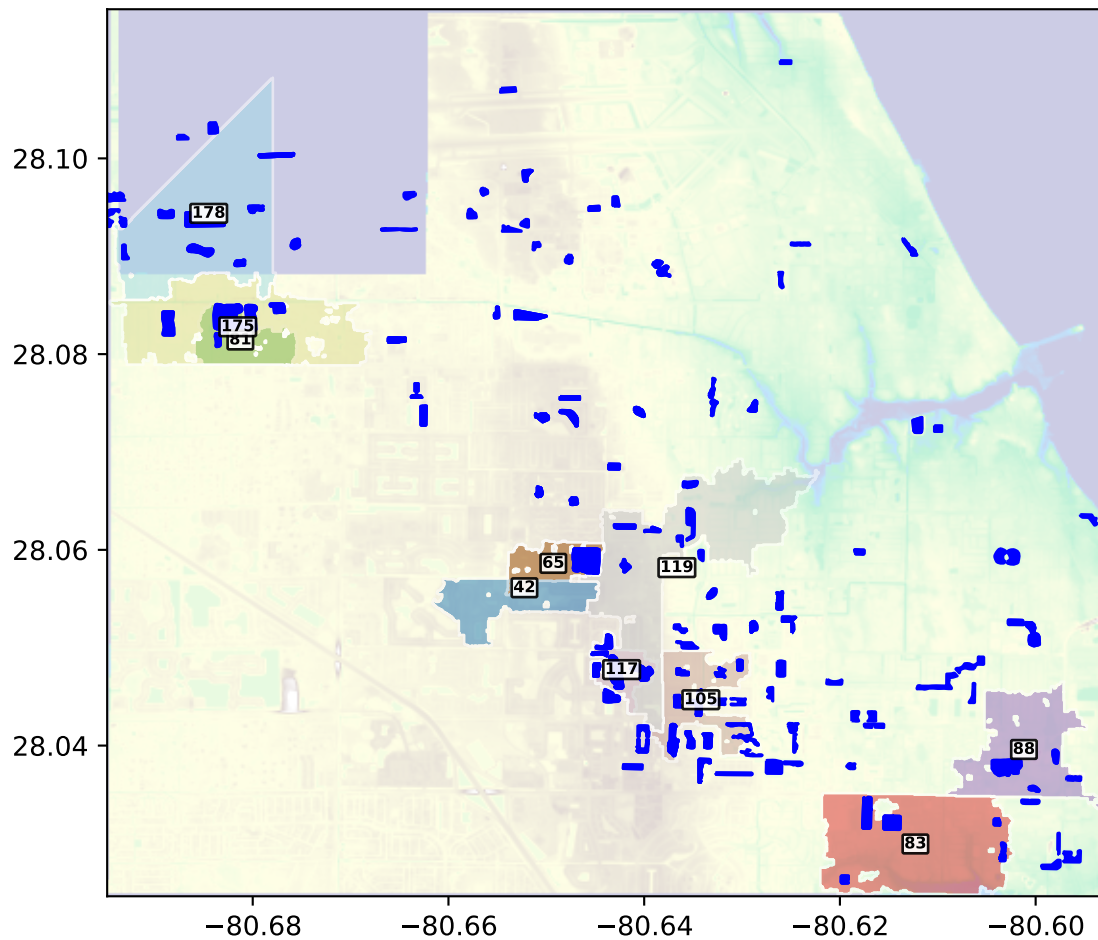
Microwatersheds - Delineated from Channel Junction Points



Microwatersheds - Pond Overlay



Microwatersheds - Minimum Total Pond Area 15 Acres. Max Number of Ponds 50



Microwshed ID	Area Acres	Pond Count	Total Pond Area Acres	Average Pond Area Acres	Pond Area / MWS Area Percentage	Pond Controllable Volume Ac-Ft	Total Nitrogen (Lb/Yr)	Total Phosphorous (Lb/Yr)	Percent Impervious	Percent Urban
175	476.90	5	38.74	7.75	8.12	101.06	3882.82	549.63	18.49	75.34
119	615.71	11	31.75	2.89	5.16	82.94	5250.48	758.54	10.54	80.83
178	573.48	9	22.25	2.47	3.88	58.31	4517.01	637.00	18.96	78.44
81	124.89	2	21.58	10.79	17.28	56.57	983.69	138.73	14.88	49.06
105	179.98	9	19.26	2.14	10.70	50.58	1350.70	194.48	18.83	81.13
117	72.65	5	19.14	3.83	26.34	50.25	584.71	83.54	8.01	45.09
83	490.71	8	17.50	2.19	3.57	46.00	4423.95	638.94	28.09	72.84
42	256.22	1	17.13	17.13	6.69	45.05	1778.13	256.37	15.20	6.09
65	94.19	1	17.13	17.13	18.19	45.05	758.86	109.27	5.94	15.83
88	291.29	4	15.35	3.84	5.27	40.42	2581.90	399.35	18.57	64.73