

### Report Parameters:

DEM File Name: Terrain\_Grant\_Valkaria\_ClipNoData\_NAD83

EPSG Code: 26917

Units of DEM: Meters

DEM Aggregation Factor: 16

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

Burn Width: 3

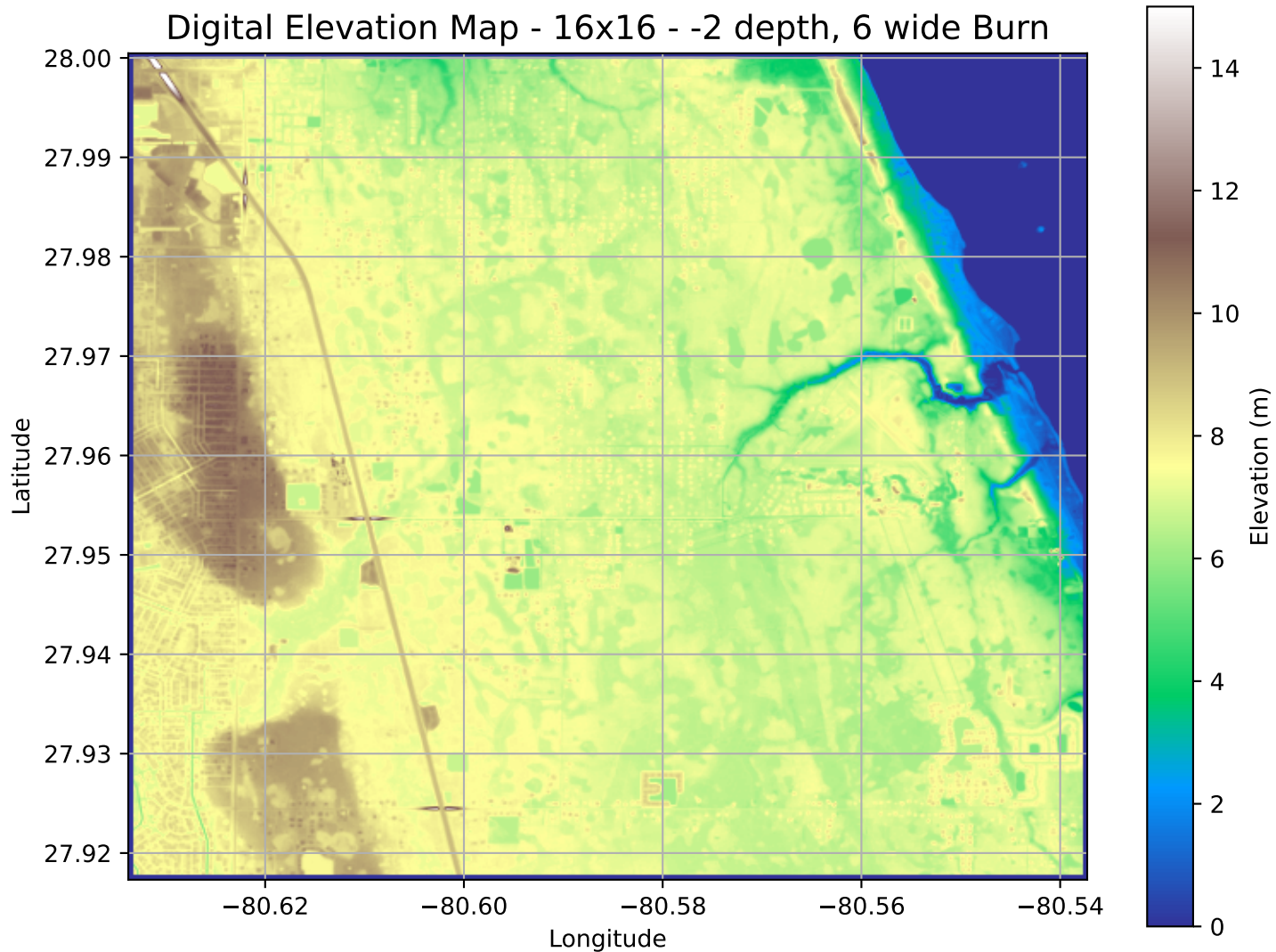
Burn Value: -2

Minimum Flow Accumulation - Channels: 1000

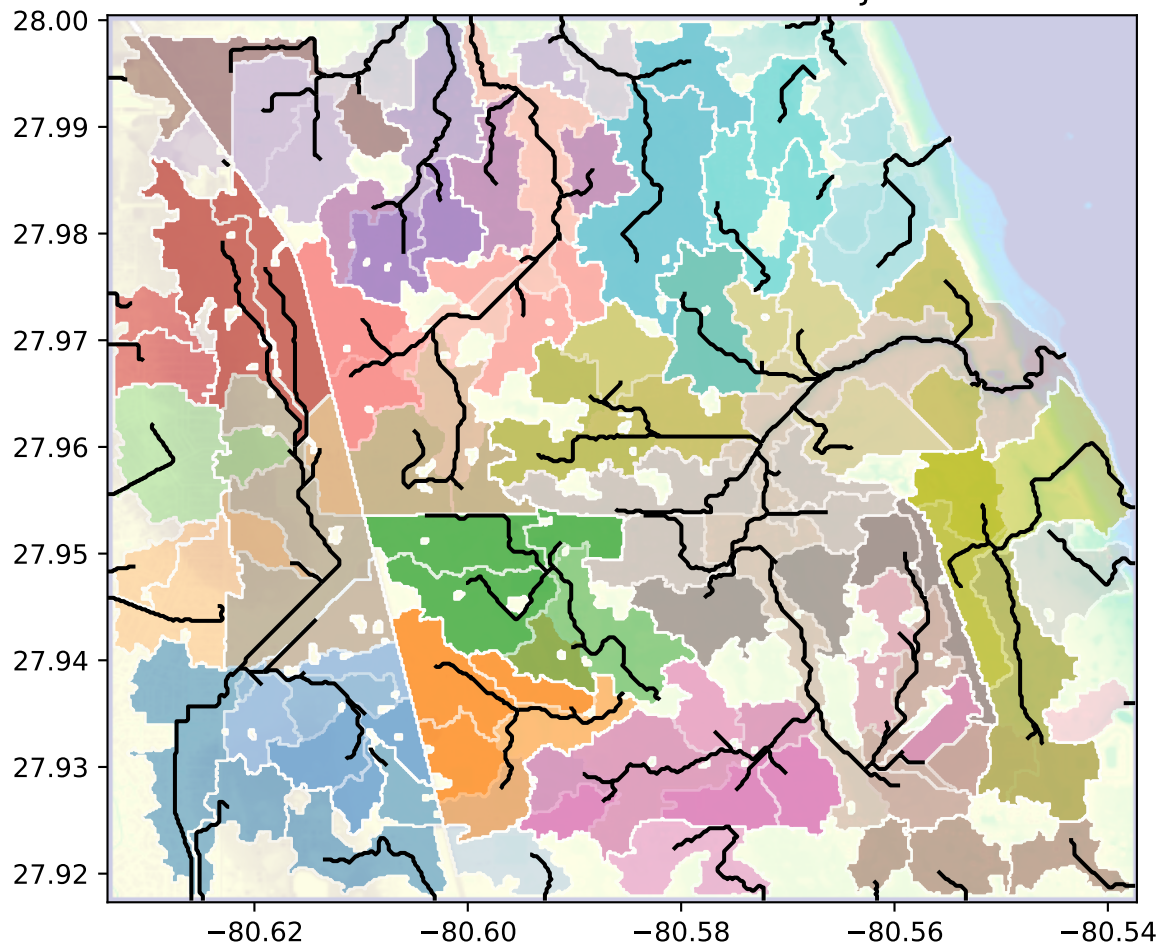
Minimum Total Pond Area per Microwatershed: 15

Max Number of Ponds per Microwatershed: 50

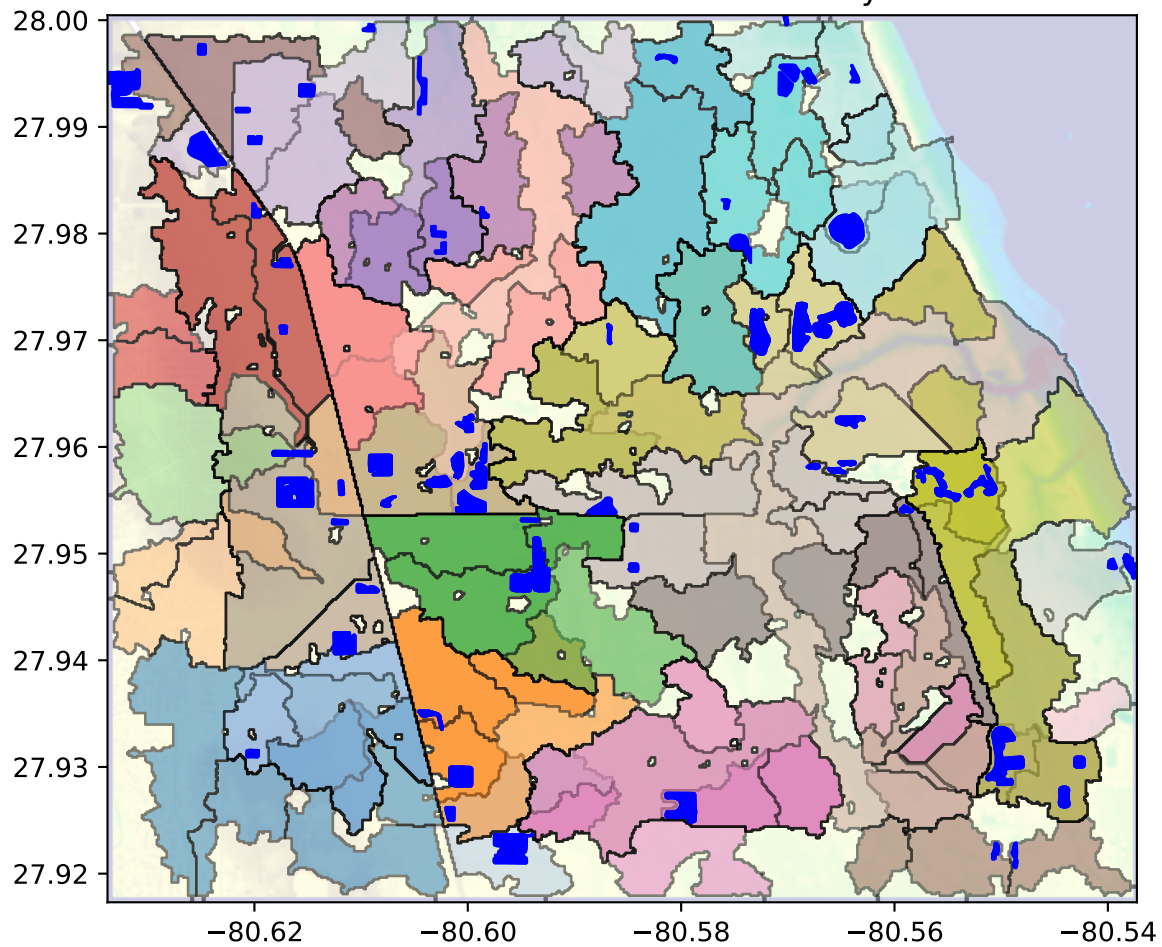
Digital Elevation Map - 16x16 - -2 depth, 6 wide Burn



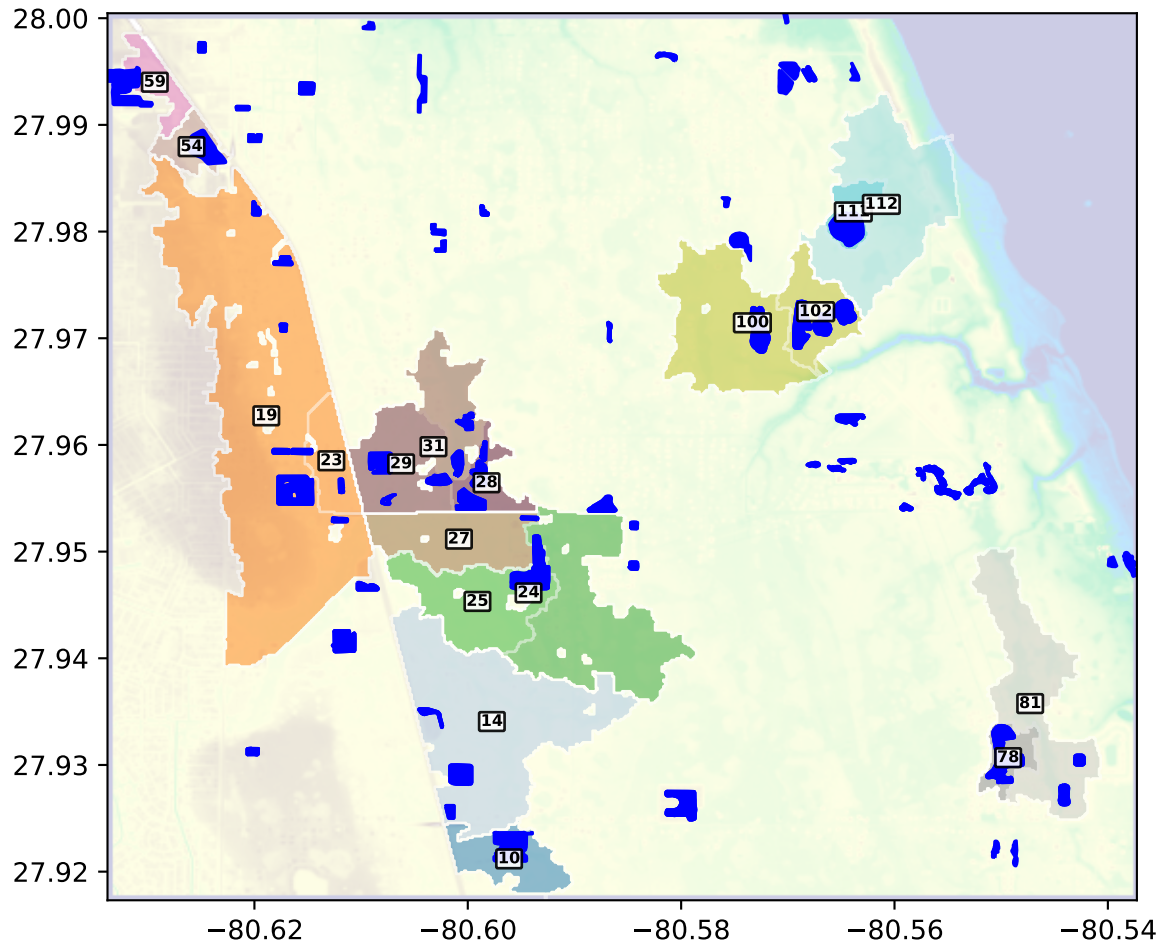
Microwatersheds - Delineated from Channel Junction Points



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
100	492.99	5	43.05	8.61	8.73	112.23	2679.15	413.35	1.92	12.80
31	422.74	9	41.34	4.59	9.78	107.79	2727.77	337.21	4.29	23.23
19	1307.56	8	33.50	4.19	2.56	87.49	10124.25	1284.06	7.97	23.39
102	134.95	3	29.13	9.71	21.59	76.15	676.75	93.10	0.02	0.87
81	407.60	3	28.32	9.44	6.95	74.06	2462.79	310.52	7.35	35.23
23	100.13	3	25.03	8.34	24.99	65.52	787.61	101.74	12.46	30.70
24	842.26	4	23.23	5.81	2.76	60.85	5896.91	726.03	4.39	27.50
59	73.60	1	22.57	22.57	30.66	59.14	753.29	100.02	35.57	88.30
78	68.65	1	21.72	21.72	31.64	56.94	381.63	46.18	11.51	63.29
10	131.87	2	20.51	10.25	15.55	53.80	749.40	72.96	5.25	20.80
111	66.70	1	19.57	19.57	29.33	51.36	259.18	27.74	0.02	nan
112	451.34	1	19.57	19.57	4.34	51.36	2167.40	267.98	3.58	4.88
28	79.07	4	19.22	4.80	24.30	50.46	454.64	68.19	2.00	20.97
54	66.31	1	16.68	16.68	25.15	43.87	592.47	79.25	23.14	47.74
25	229.81	2	16.25	8.12	7.07	42.76	1513.31	171.13	1.45	9.20
27	204.57	3	15.47	5.16	7.56	40.74	1359.07	156.67	5.52	21.67
14	614.89	3	15.34	5.11	2.49	40.39	3880.81	429.44	5.26	19.85
29	200.52	4	15.18	3.79	7.57	39.99	1408.26	179.79	6.98	32.96