

### 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

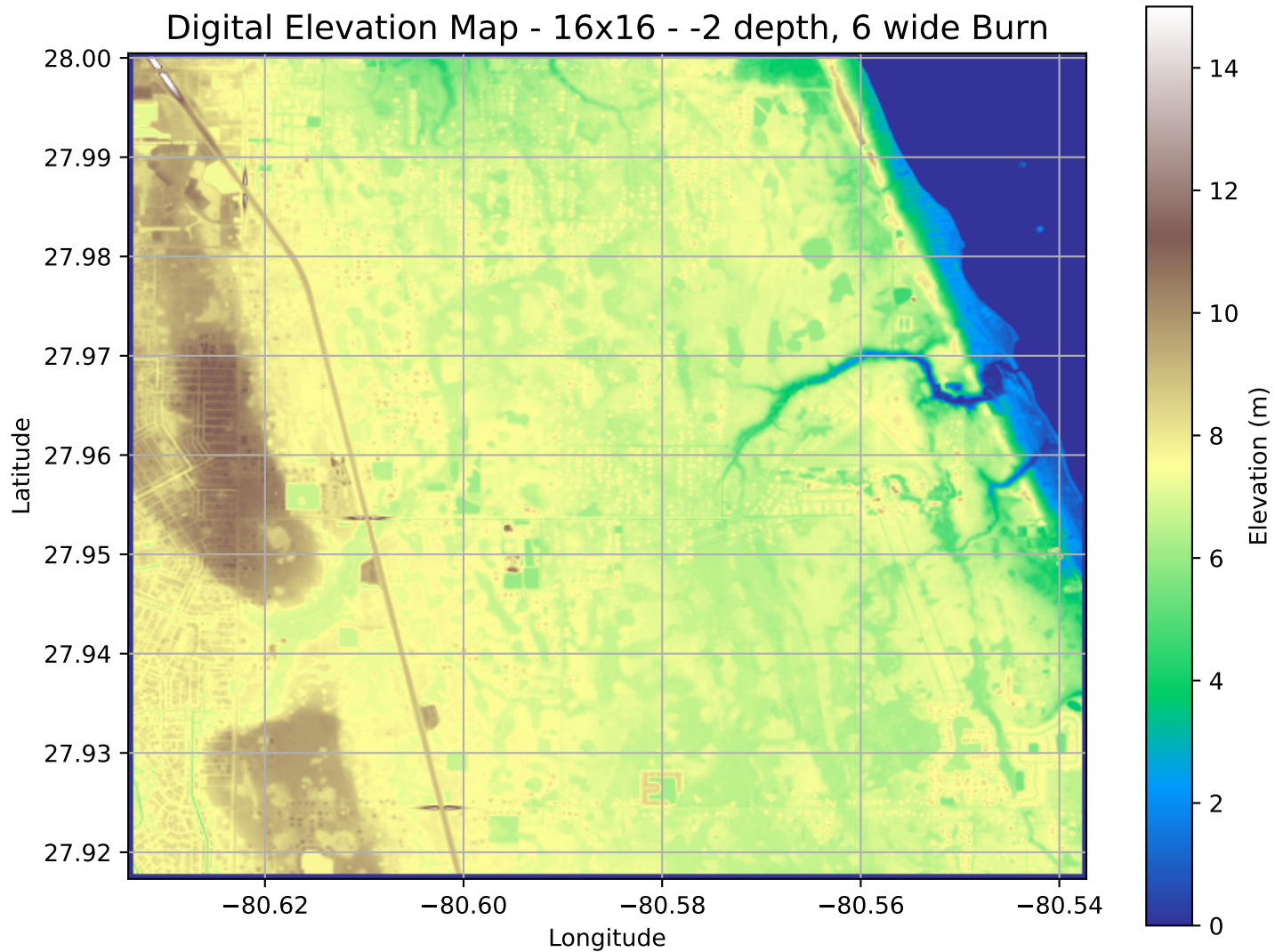
Burn Value: -2

Minimum Flow Accumulation - Channels: 2000

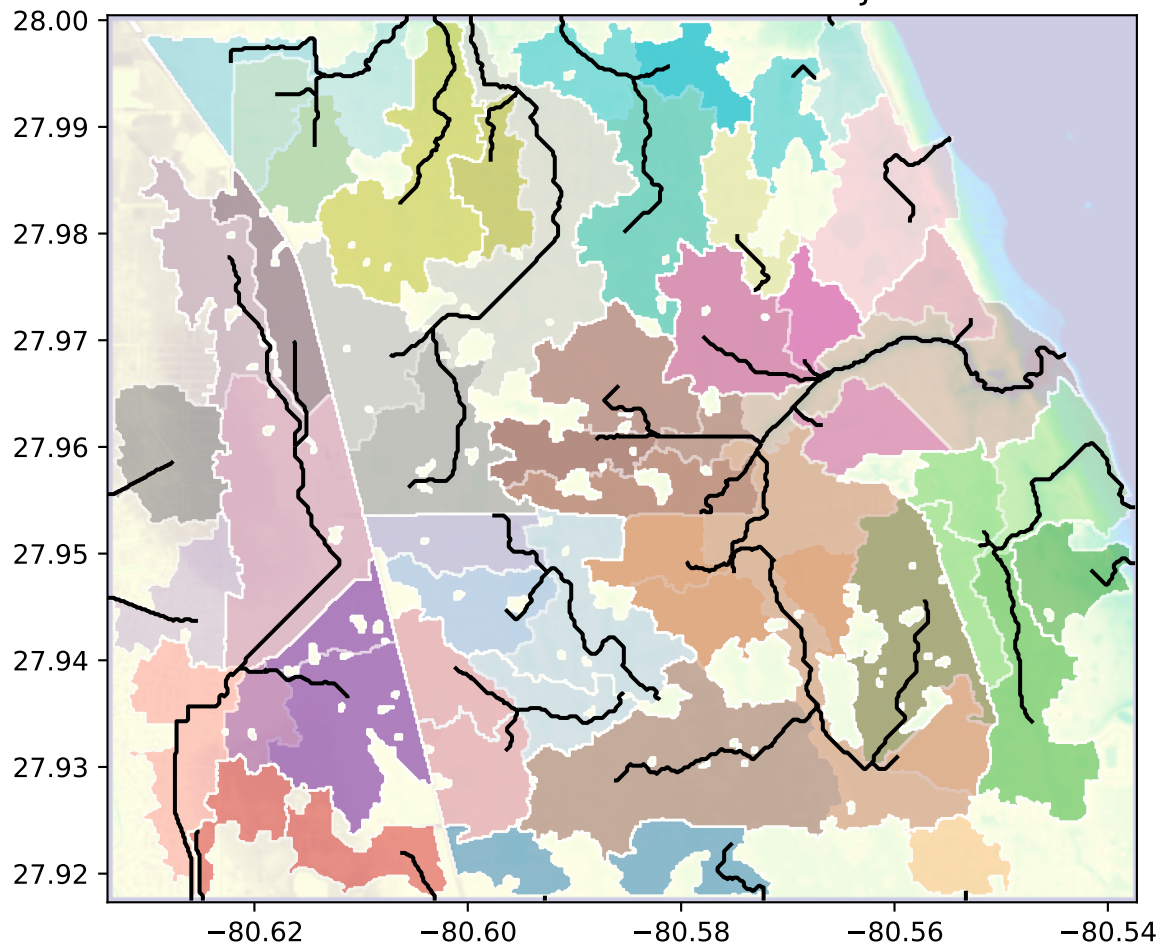
Minimum Total Pond Area per Microwatershed: 15

Max Number of Ponds per Microwatershed: 50

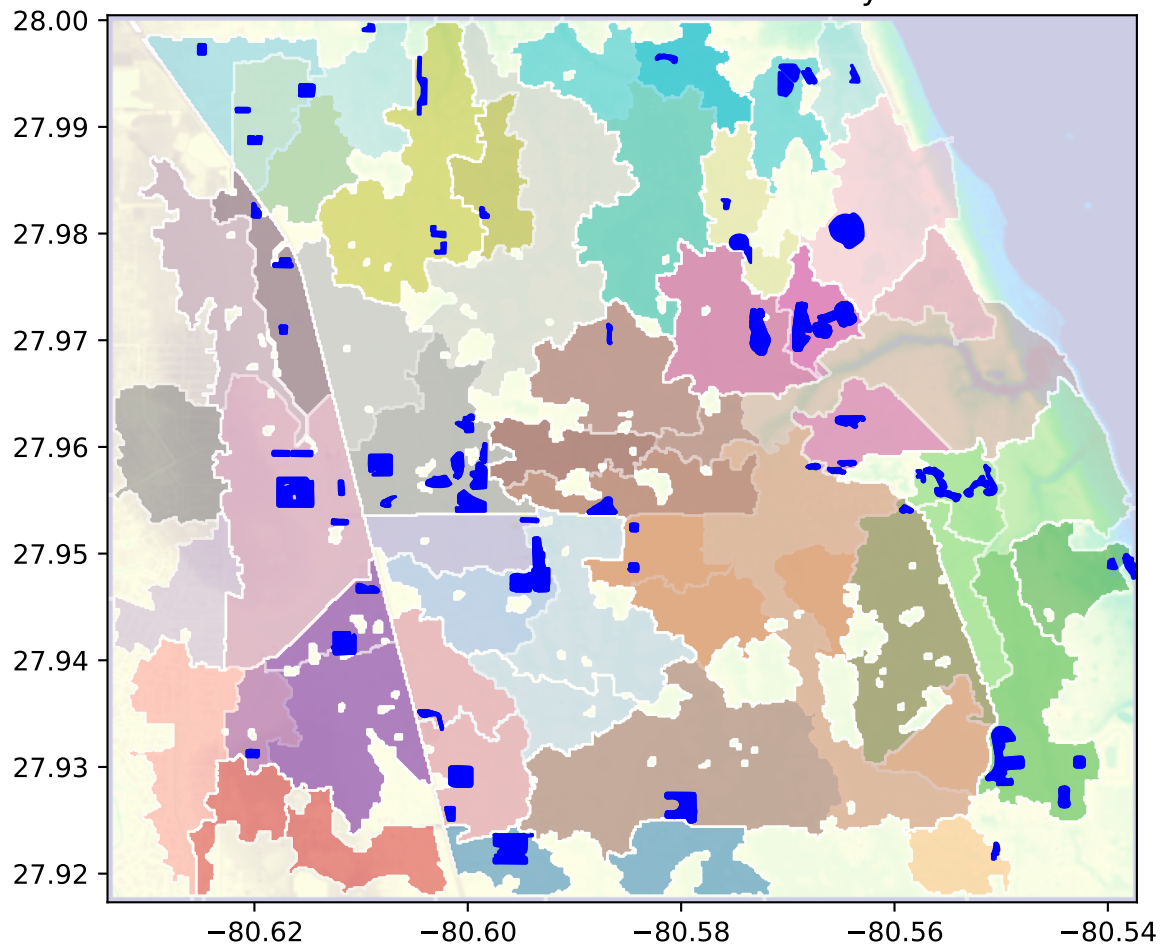
Digital Elevation Map - 16x16 - -2 depth, 6 wide Burn



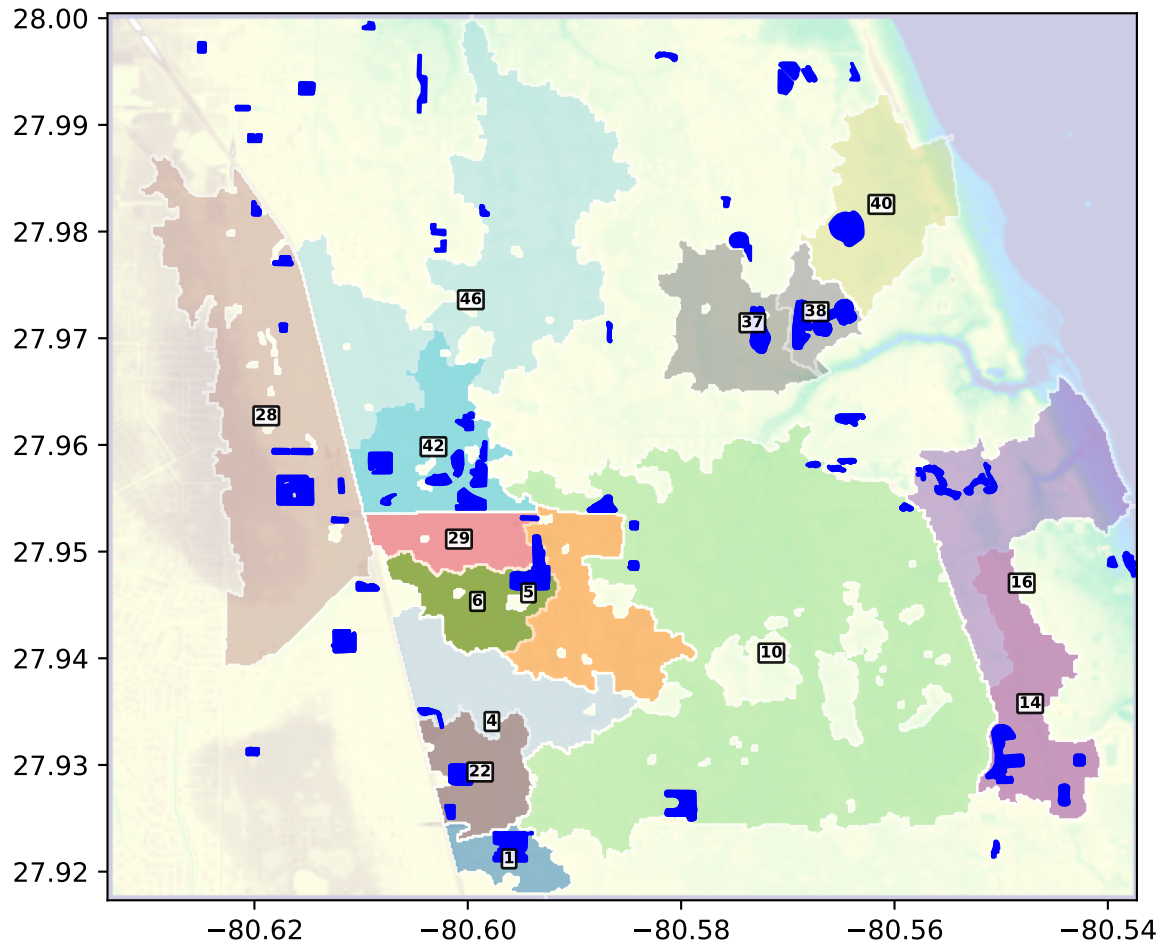
Microwatersheds - Delineated from Channel Junction Points



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
37	492.99	5	43.05	8.61	8.73	112.23	2679.15	413.35	1.21	12.80
46	1663.04	10	42.45	4.24	2.55	110.68	12016.68	1517.96	2.50	36.63
16	1010.54	8	42.33	5.29	4.19	110.37	6468.00	825.02	2.73	24.47
42	422.74	9	41.34	4.59	9.78	107.79	2727.77	337.21	2.17	23.23
28	1307.56	8	33.50	4.19	2.56	87.49	10124.25	1284.06	3.66	23.39
38	134.95	3	29.13	9.71	21.59	76.15	676.75	93.10	0.01	0.87
14	407.60	3	28.32	9.44	6.95	74.06	2462.79	310.52	3.58	35.23
10	2840.12	6	24.69	4.11	0.87	64.63	16633.62	1834.33	2.09	23.11
5	842.26	4	23.23	5.81	2.76	60.85	5896.91	726.03	2.36	27.50
1	131.87	2	20.51	10.25	15.55	53.80	749.40	72.96	2.82	20.80
40	451.34	1	19.57	19.57	4.34	51.36	2167.40	267.98	1.89	4.88
6	229.81	2	16.25	8.12	7.07	42.76	1513.31	171.13	0.78	9.20
29	204.57	3	15.47	5.16	7.56	40.74	1359.07	156.67	4.03	21.67
4	614.89	3	15.34	5.11	2.49	40.39	3880.81	429.44	2.32	19.85
22	240.98	3	15.34	5.11	6.36	40.39	1442.91	148.69	3.55	21.13