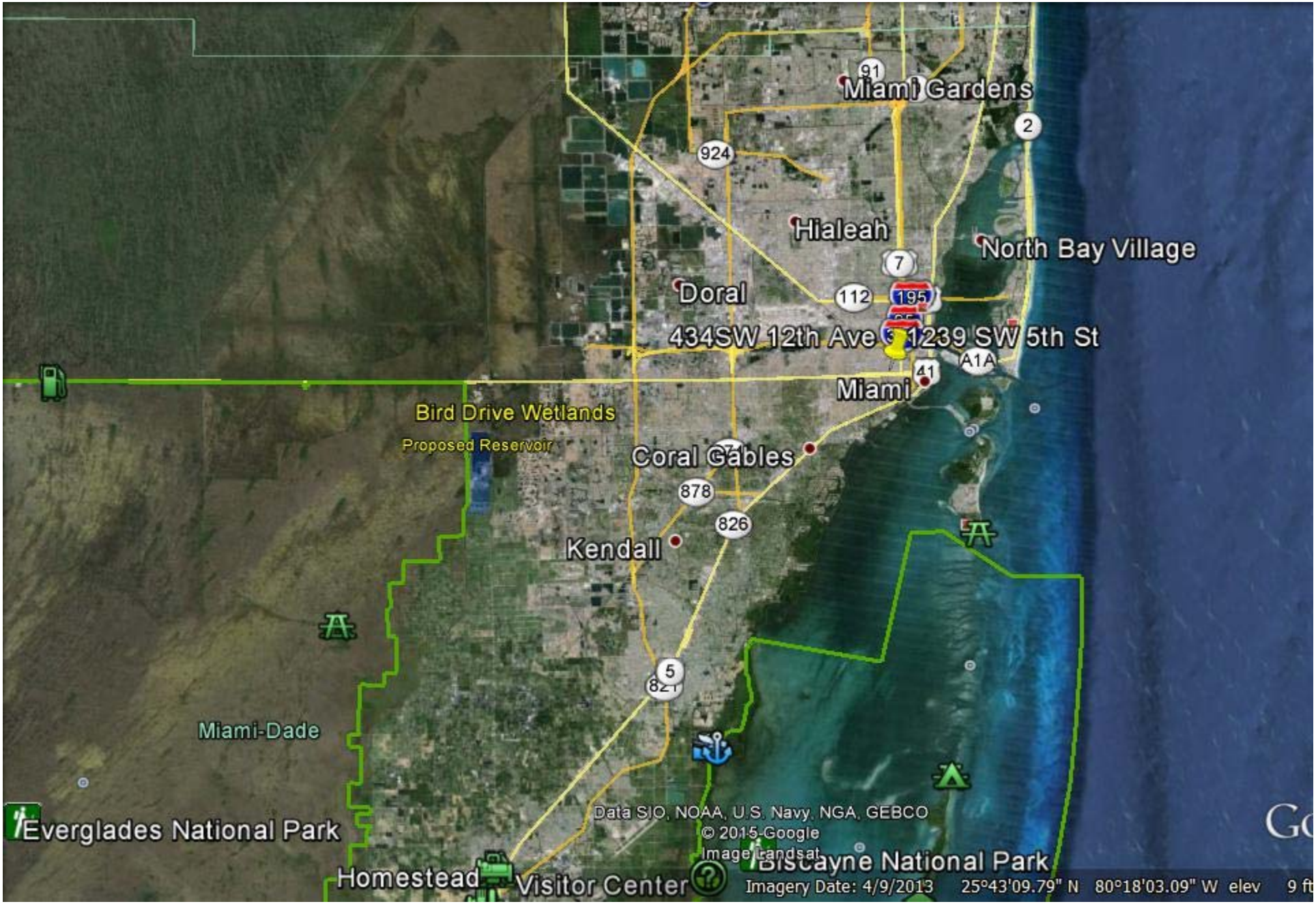
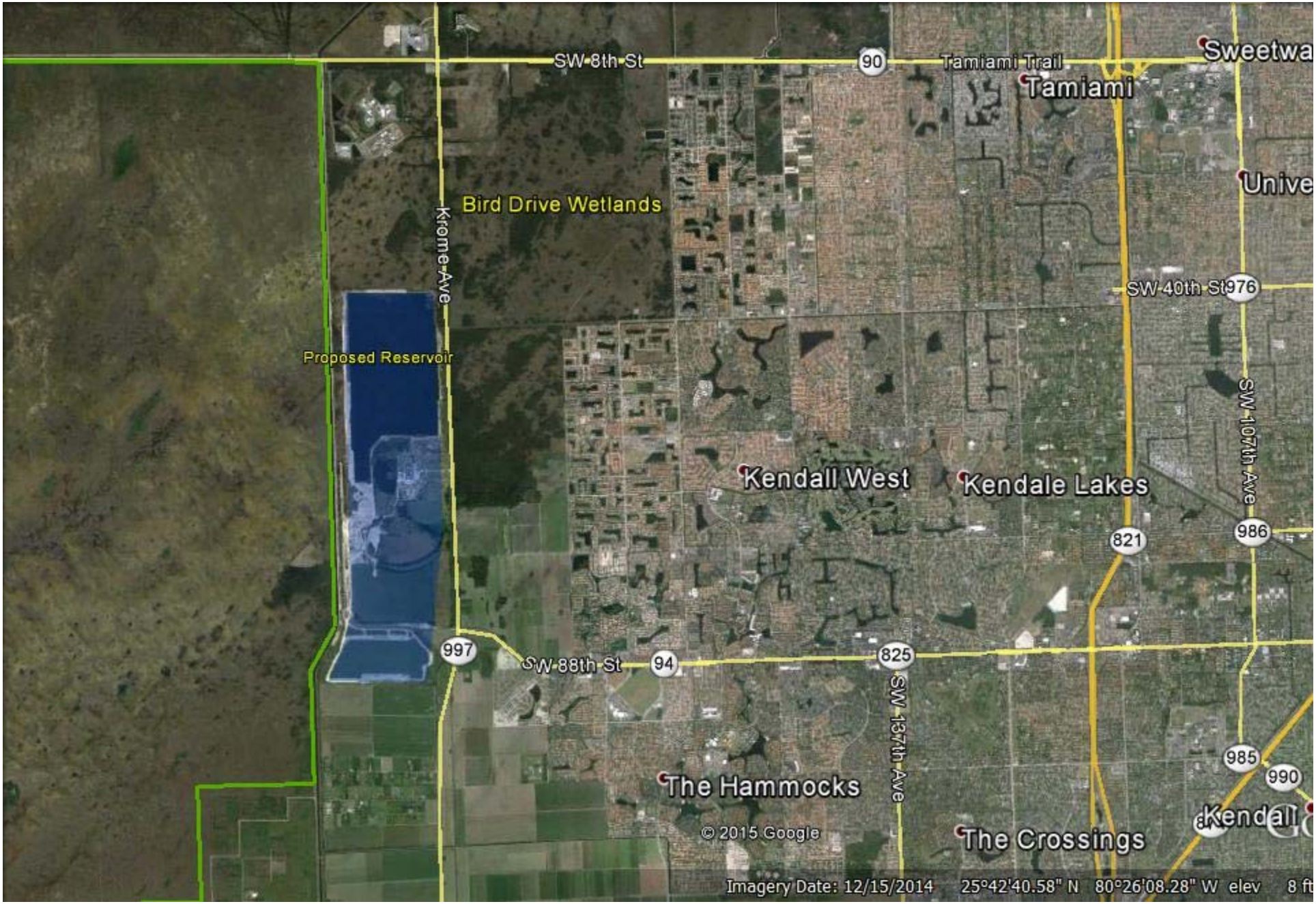
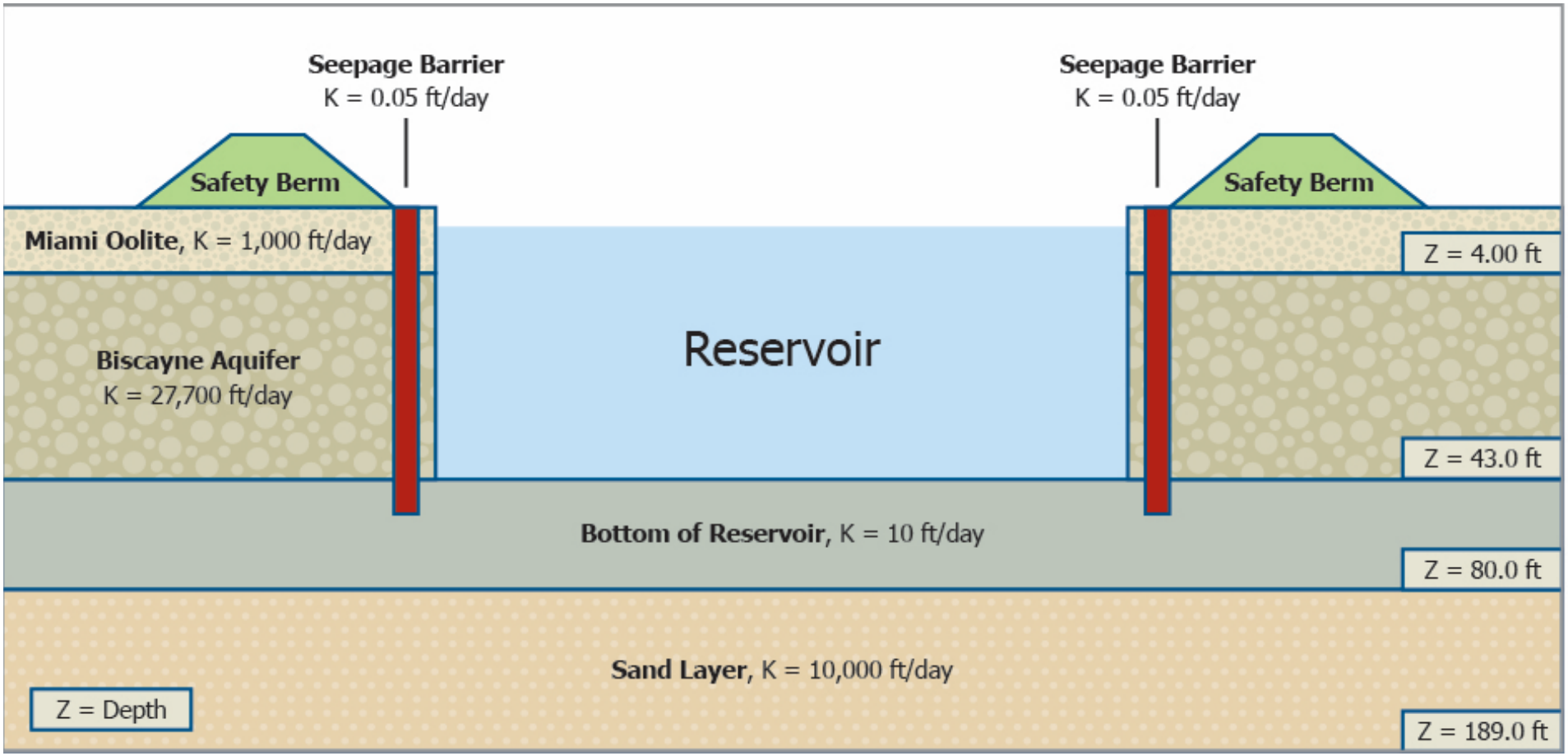
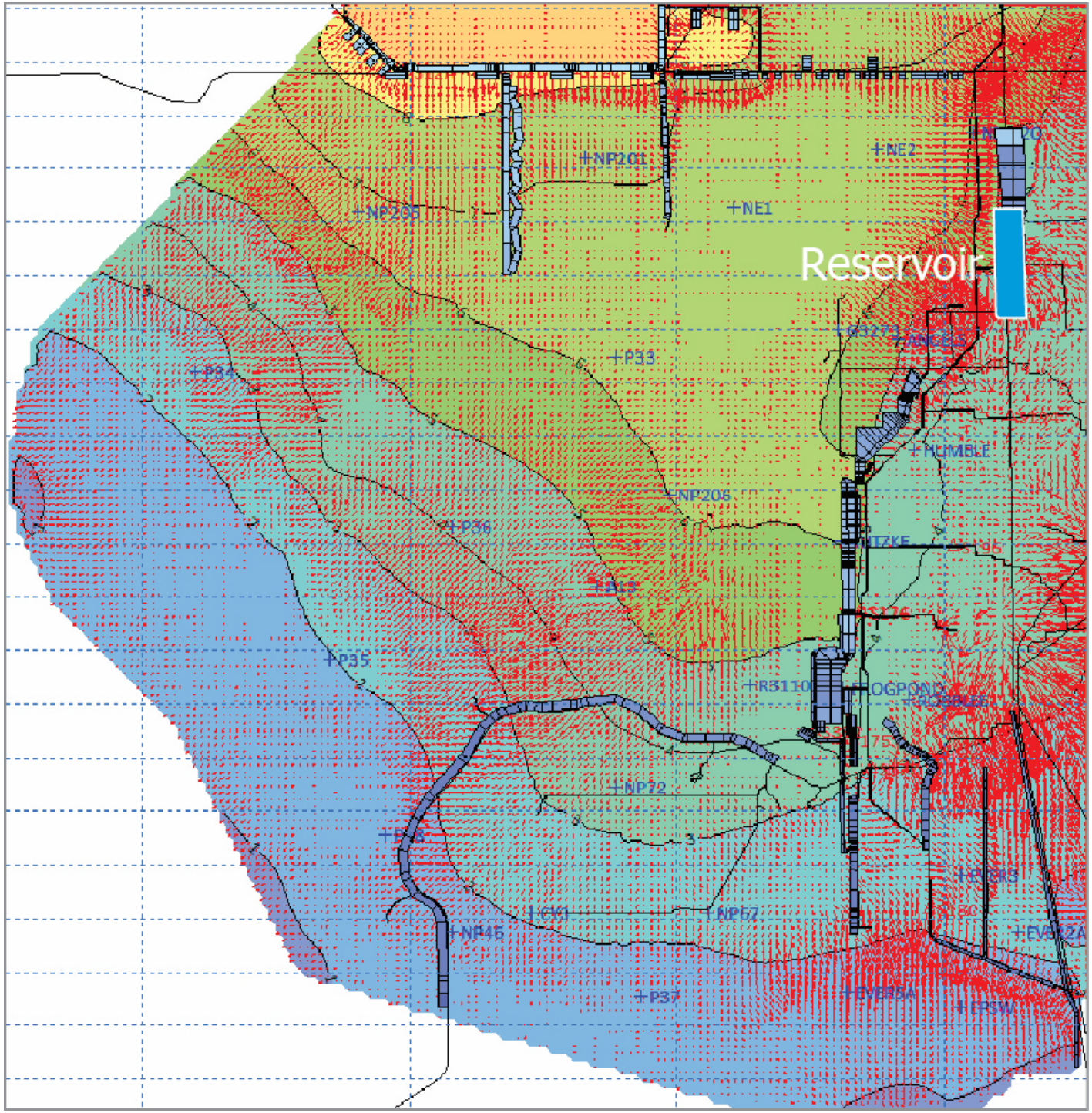
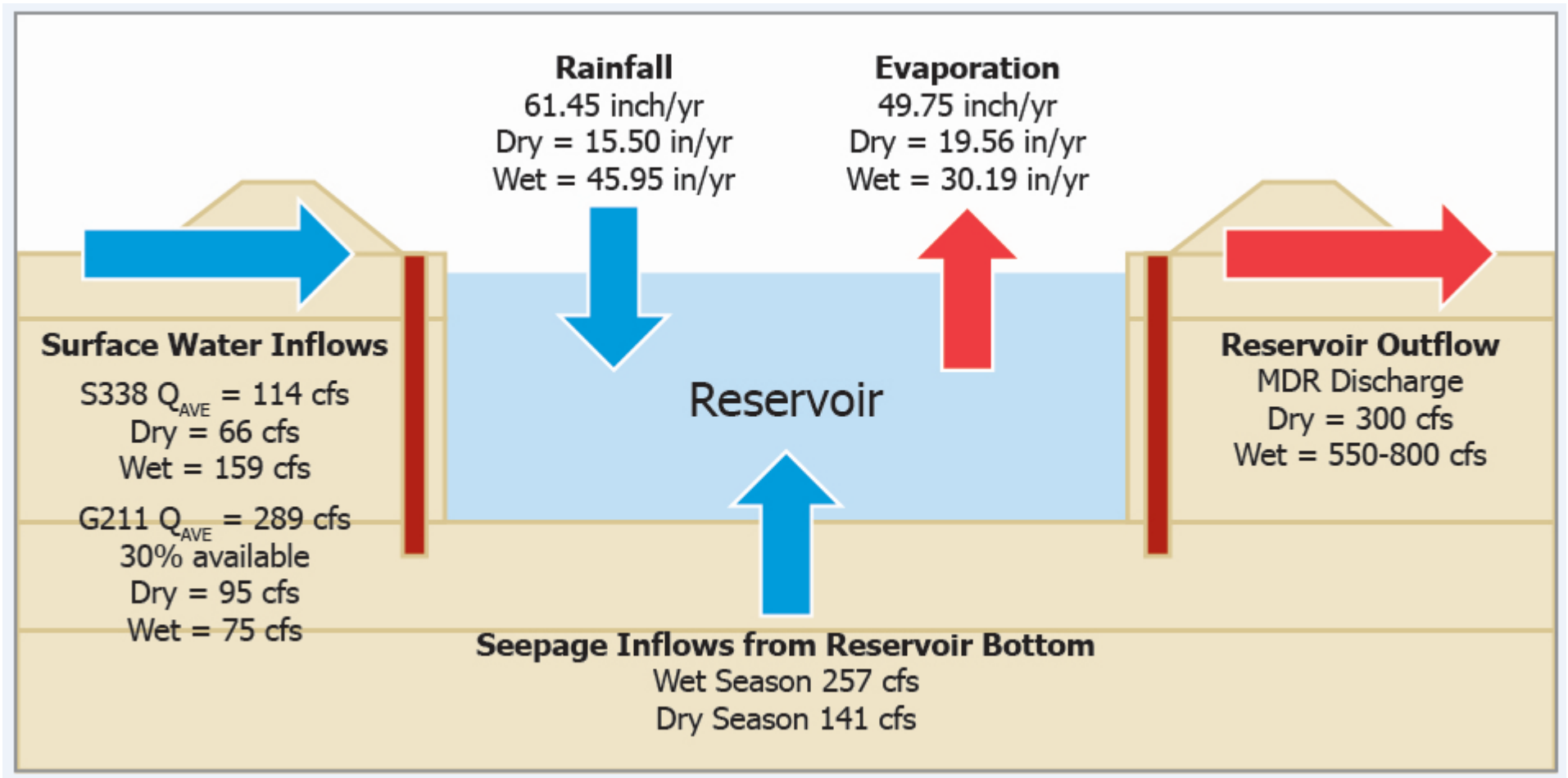

Miami Gardens
Hialeah
North Bay Village
Doral
434SW 12th Ave
1239 SW 5th St
Miami
Bird Drive Wetlands
Proposed Reservoir
Coral Gables
Kendall
Miami-Dade
Everglades National Park
Homestead
Visitor Center
Biscayne National Park
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
© 2015 Google
Image Landsat
Imagery Date: 4/9/2013 25°43'09.79" N 80°18'03.09" W elev 9 ft

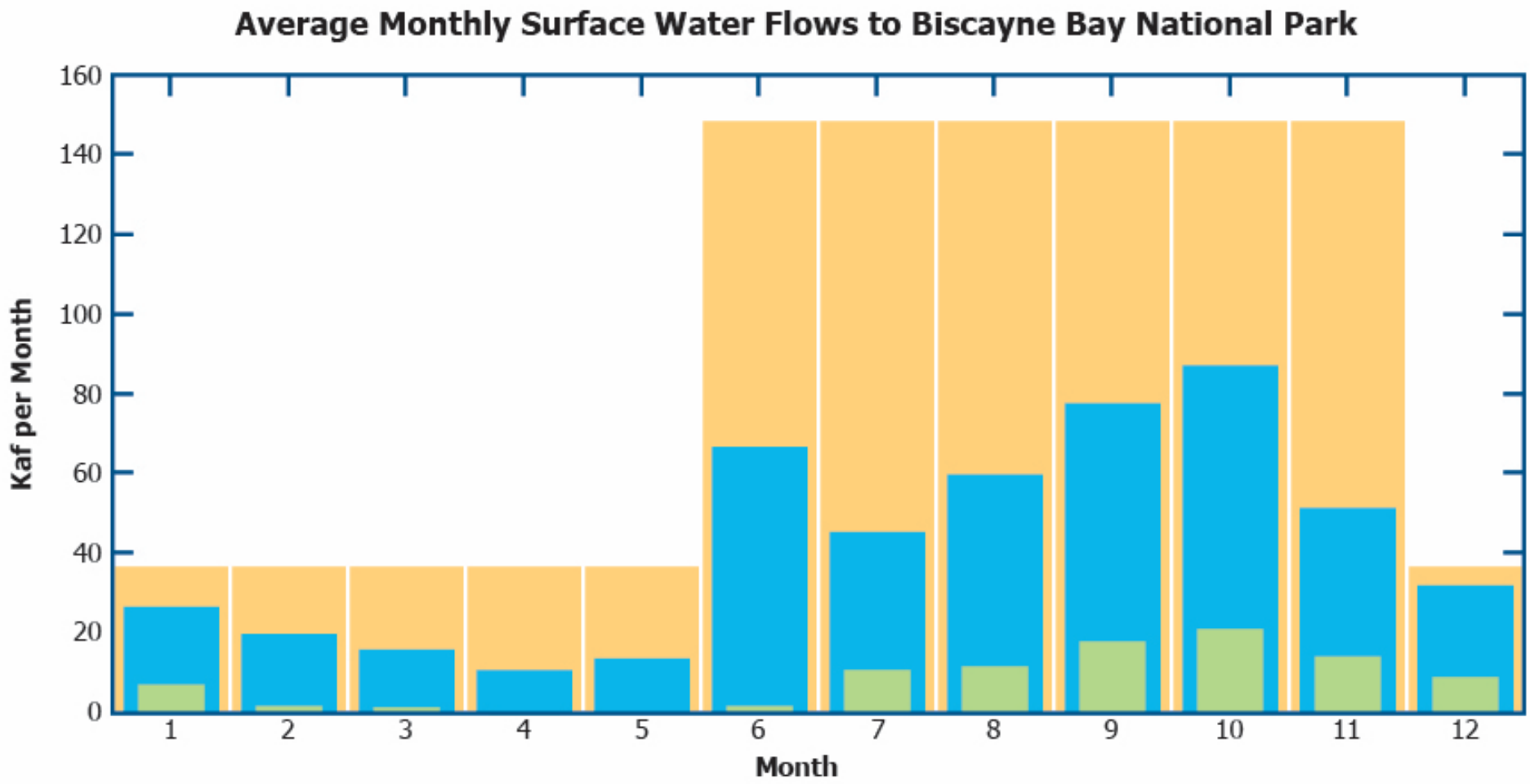

SW 8th St
90
Tamiami Trail
Tamiami
Sweetwa
Unive
Bird Drive Wetlands
Krome Ave
SW 40th St
976
Proposed Reservoir
SW 107th Ave
Kendall West
Kendale Lakes
821
986
997
SW 88th St
94
825
SW 137th Ave
985
990
The Hammocks
© 2015 Google
The Crossings
Kendall
Imagery Date: 12/15/2014 25°42'40.58" N 80°26'08.28" W elev 8 ft

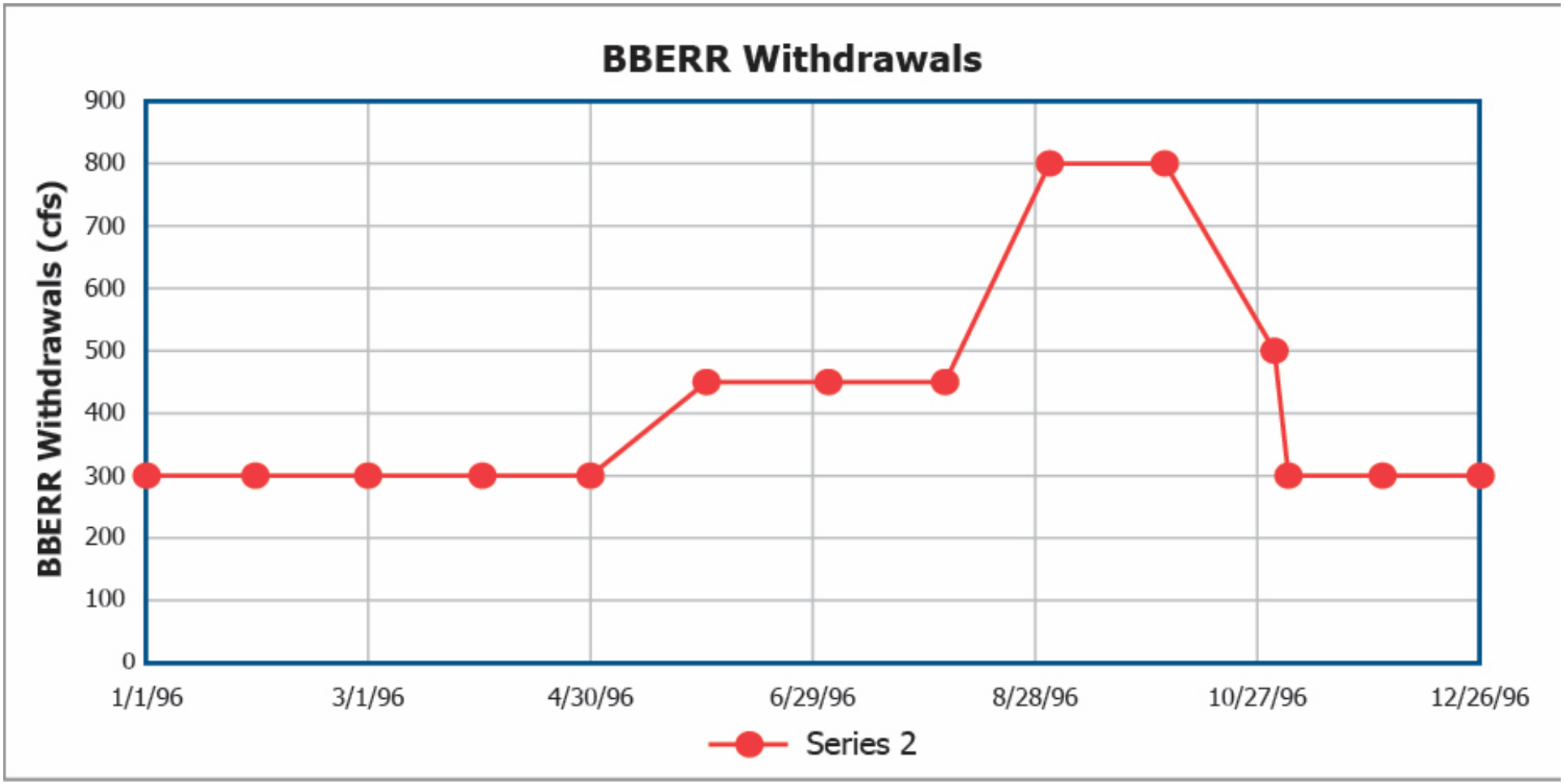

Seepage Barrier
K = 0.05 ft/day
Seepage Barrier
K = 0.05 ft/day
Safety Berm
Safety Berm
Miami Oolite, K = 1,000 ft/day
Z = 4.00 ft
Biscayne Aquifer
K = 27,700 ft/day
Reservoir
Z = 43.0 ft
Bottom of Reservoir, K = 10 ft/day
Z = 80.0 ft
Sand Layer, K = 10,000 ft/day
Z = Depth
Z = 189.0 ft

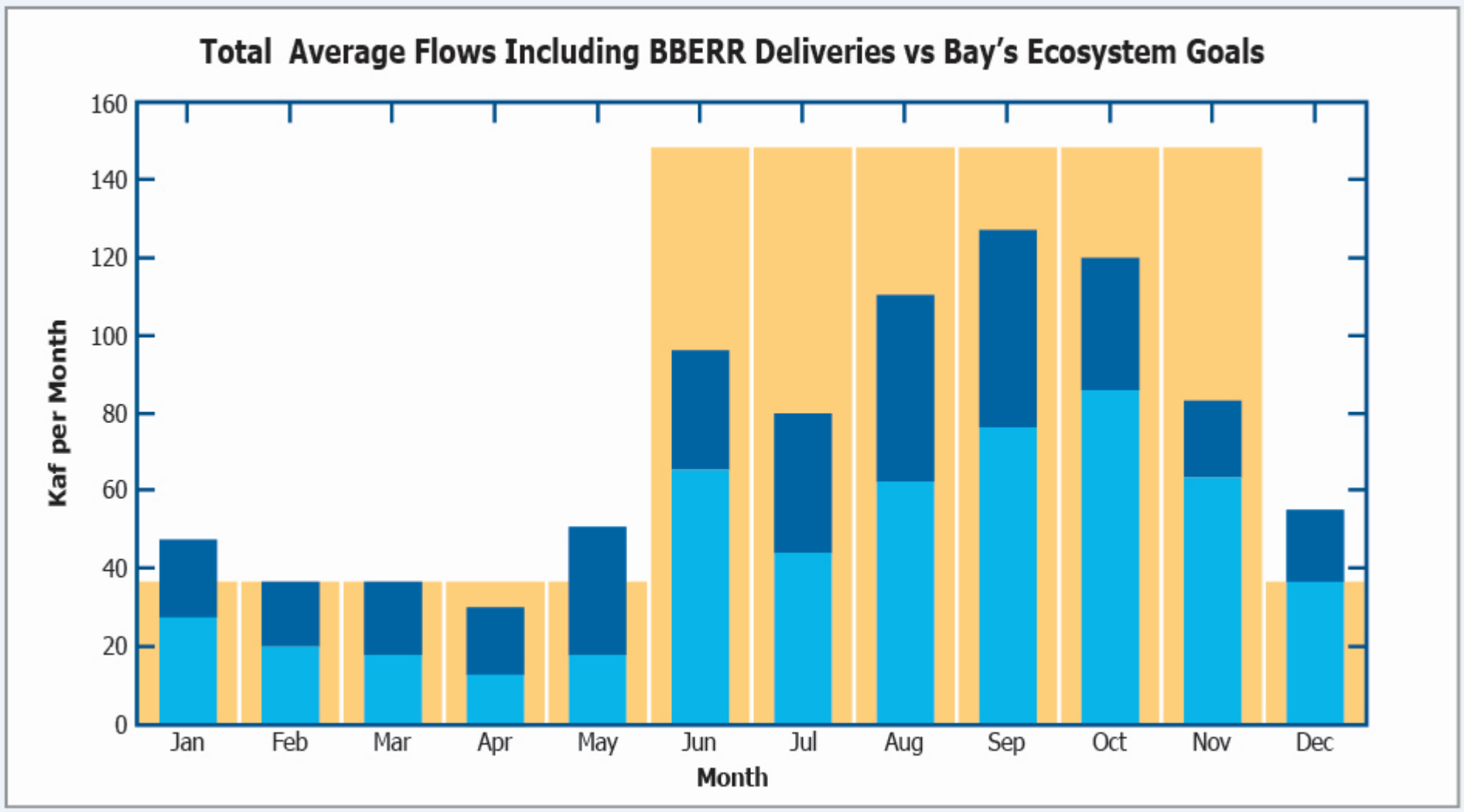
Everglades National Park
C-2
C-3
C-100
C-100C
C-1W
A
B
C-1N
C-100A
C-100B
C-367
L-31N
C-102
C
C-1
L-31E
C-102N
C-103N
Mangrove Preserve
Biscayne Bay
Biscayne Bay National Park Boundary
L-31W
C-111E
C-110
Legend
Canal
Conveyance Routes
Proposed Canal Connections
Structure
0
2
4 Miles
8


Reservoir
NP201
NE2
NE1
NP205
P33
P34
NP206
P36
P35
R3110
NP72
NP67
NP46
P37
HUMBLE


Rainfall
61.45 inch/yr
Dry = 15.50 in/yr
Wet = 45.95 in/yr
Evaporation
49.75 inch/yr
Dry = 19.56 in/yr
Wet = 30.19 in/yr
Surface Water Inflows
S338 Q_{AVE} = 114 cfs
Dry = 66 cfs
Wet = 159 cfs
G211 Q_{AVE} = 289 cfs
30% available
Dry = 95 cfs
Wet = 75 cfs
Reservoir
Reservoir Outflow
MDR Discharge
Dry = 300 cfs
Wet = 550-800 cfs
Seepage Inflows from Reservoir Bottom
Wet Season 257 cfs
Dry Season 141 cfs


Average Monthly Surface Water Flows to Biscayne Bay National Park
Kaf per Month
160
140
120
100
80
60
40
20
0
1
2
3
4
5
6
7
8
9
10
11
12
Month


BBERR Withdrawals
BBERR Withdrawals (cfs)
900
800
700
600
500
400
300
200
100
0
1/1/96
3/1/96
4/30/96
6/29/96
8/28/96
10/27/96
12/26/96
Series 2


Total Average Flows Including BBERR Deliveries vs Bay's Ecosystem Goals
Kaf per Month
160
140
120
100
80
60
40
20
0
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Month