

# System Conditions

Jose Otero, P.E.  
Section Administrator  
Federal Policy and Coordination Bureau

17<sup>th</sup> Annual Public Meeting on the Long-Term Plan  
for Achieving Water Quality Goals for the  
Everglades Protection Area Tributary Basins  
February 24, 2020

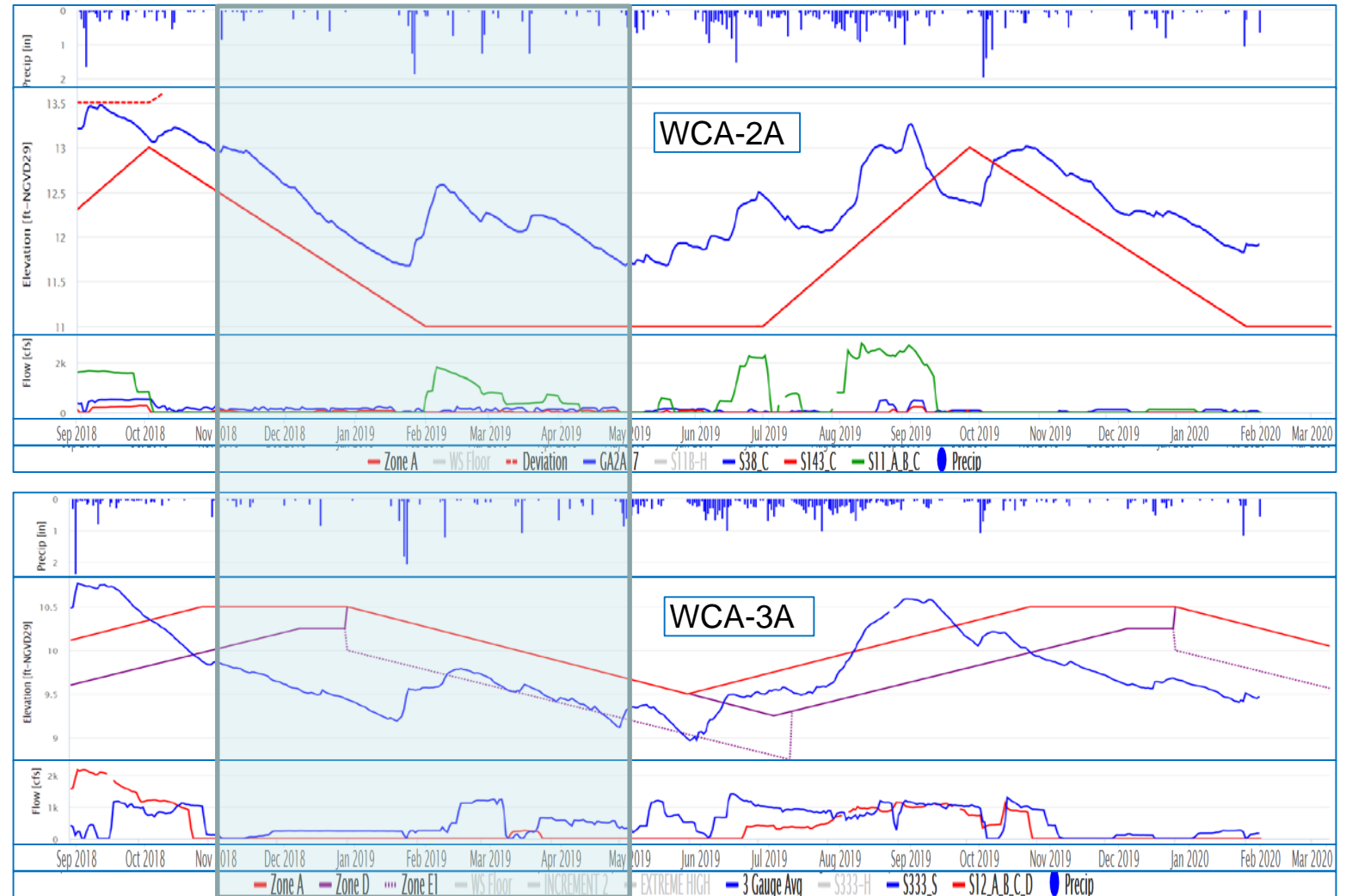
# Dry Season WY 2019 – Lake Okeechobee and WCA-1

	Nov	Dec	Jan	Feb	Mar	Apr
Upper Kiss.	1.75	4.63	3.20	1.92	1.19	1.67
Lower Kiss.	1.31	2.00	3.64	2.13	1.51	2.44
Lake Okee.	1.50	1.87	3.89	1.45	1.47	1.83
West EAA	2.20	1.16	4.82	2.29	1.79	1.56
East EAA	1.50	1.18	5.22	1.83	1.45	1.33
WCA 1 & 2	1.52	1.21	4.12	3.75	1.95	1.33
WCA 3	1.55	1.26	4.68	2.02	1.74	1.94



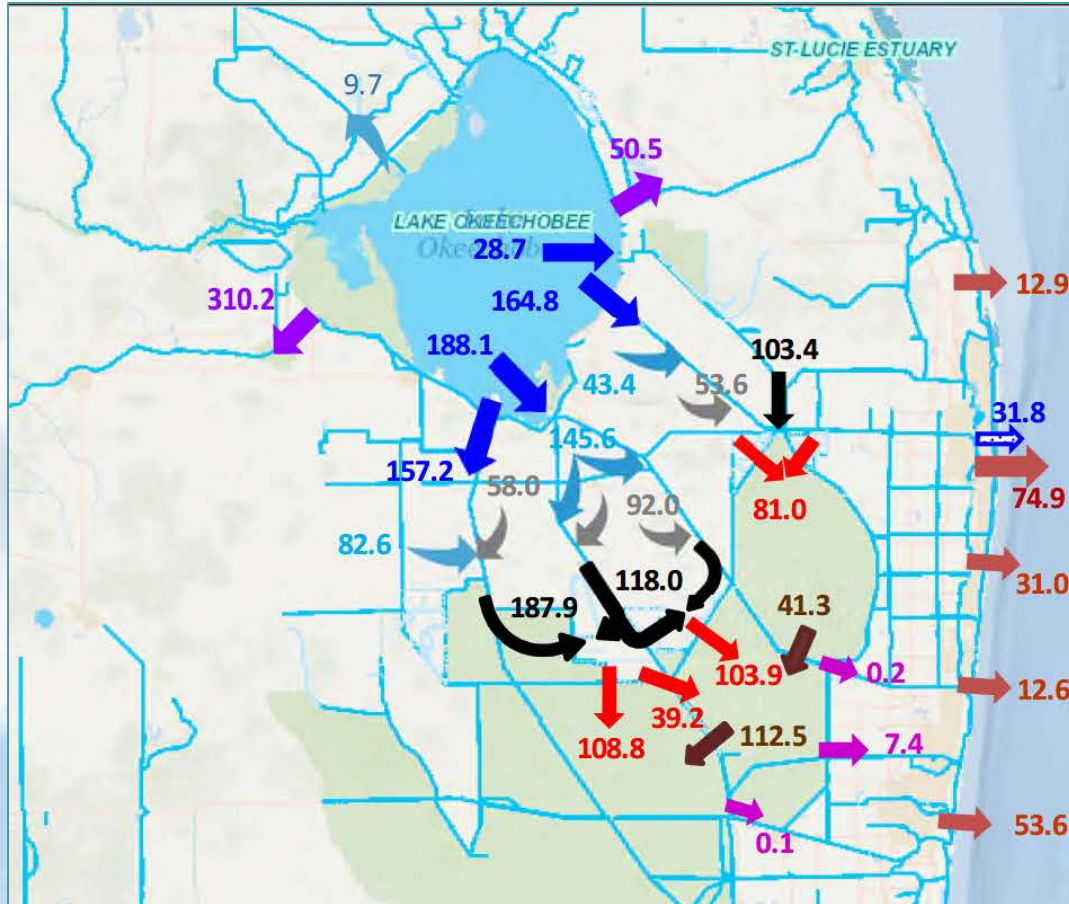
# Dry Season WY 2019 – WCA-2A and WCA-3A

	Nov	Dec	Jan	Feb	Mar	Apr
Upper Kiss.	1.75	4.63	3.20	1.92	1.19	1.67
Lower Kiss.	1.31	2.00	3.64	2.13	1.51	2.44
Lake Okee.	1.50	1.87	3.89	1.45	1.47	1.83
West EAA	2.20	1.16	4.82	2.29	1.79	1.56
East EAA	1.50	1.18	5.22	1.83	1.45	1.33
WCA 1 & 2	1.52	1.21	4.12	3.75	1.95	1.33
WCA 3	1.55	1.26	4.68	2.02	1.74	1.94





# Flow Map – Dry Season WY 2019

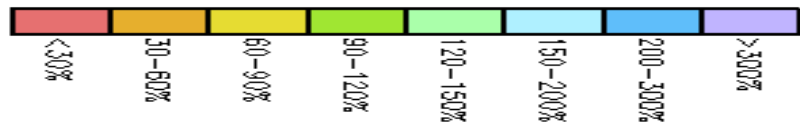


**SFWMD – Selected Release Volumes for the Period  
Nov 1, 2018 to Apr 30, 2019**  
(volumes in 1,000 acre-feet)

Symbol	Description	Volume (1000 acre-feet)
		Season to Date
	Lake Releases East and West	360.7
	Total Lake Releases South	538.8
	Lake Flood Control to Lake Worth Lagoon	31.8
	EAA Runoff	203.6
	Lake Delivery for Irrigation	281.3
	Inflows to STAs FEBs from Lake	173.8
	Inflows to STAs FEBs from Runoff +Other	235.5
	Flows from STAs to WCAs	332.9

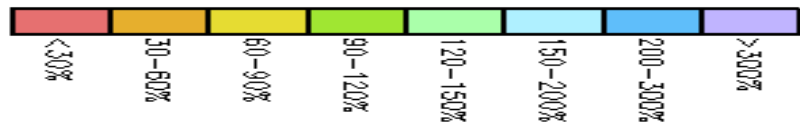
# Wet Season WY 2020 – Lake Okeechobee and WCA-1

	May	Jun	Jul	Aug	Sep	Oct
Upper Kiss.	3.94	8.33	7.95	8.46	2.25	4.78
Lower Kiss.	2.68	9.97	6.35	9.80	2.14	3.42
Lake Okee.	3.57	8.21	6.63	7.67	1.86	3.35
West EAA	7.85	9.34	9.81	8.82	2.10	3.64
East EAA	5.03	6.67	7.42	8.49	1.63	4.67
WCA 1 & 2	4.28	8.69	3.67	7.22	3.00	6.49
WCA 3	5.44	8.39	7.67	7.01	1.56	3.48



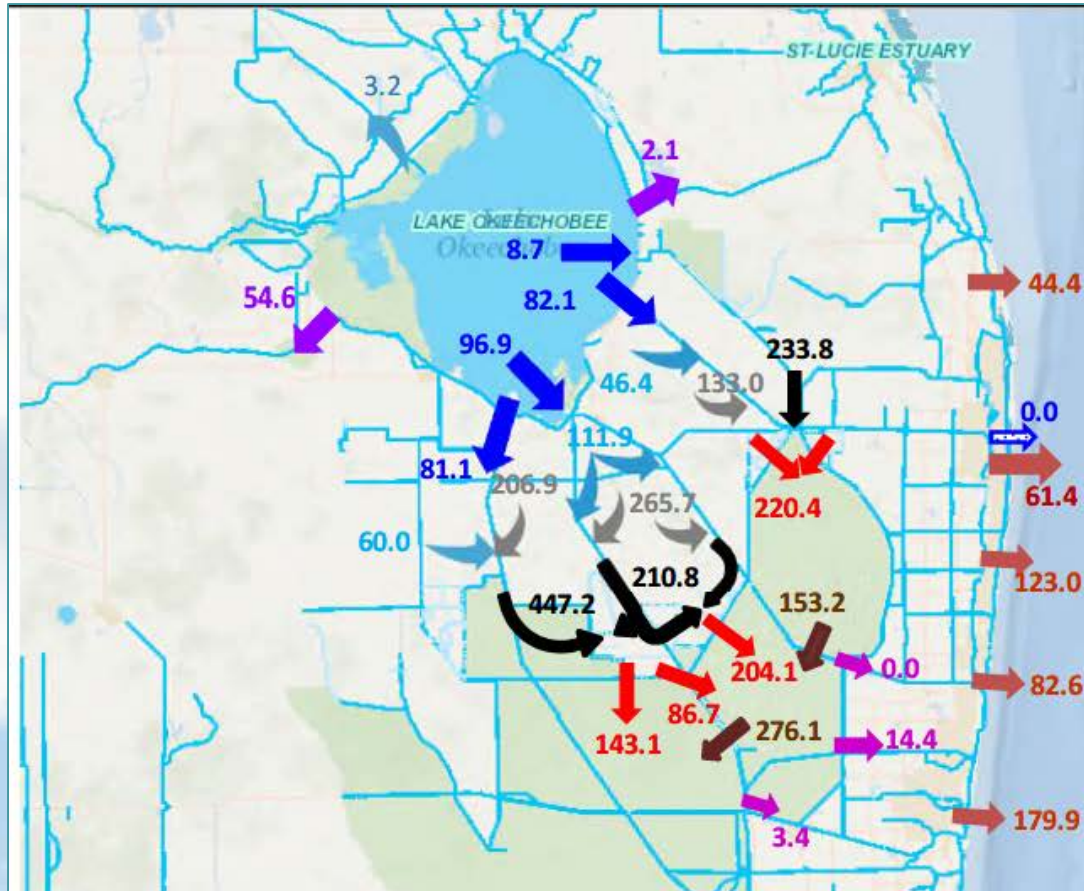
# Wet Season WY 2020 – WCA-2A and WCA-3A

	May	Jun	Jul	Aug	Sep	Oct
Upper Kiss.	3.94	8.33	7.95	8.46	2.25	4.78
Lower Kiss.	2.68	9.97	6.35	9.80	2.14	3.42
Lake Okee.	3.57	8.21	6.63	7.67	1.86	3.35
West EAA	7.85	9.34	9.81	8.82	2.10	3.64
East EAA	5.03	6.67	7.42	8.49	1.63	4.67
WCA 1 & 2	4.28	8.69	3.67	7.22	3.00	6.49
WCA 3	5.44	8.39	7.67	7.01	1.56	3.48





# Flow Map – Wet Season WY 2020

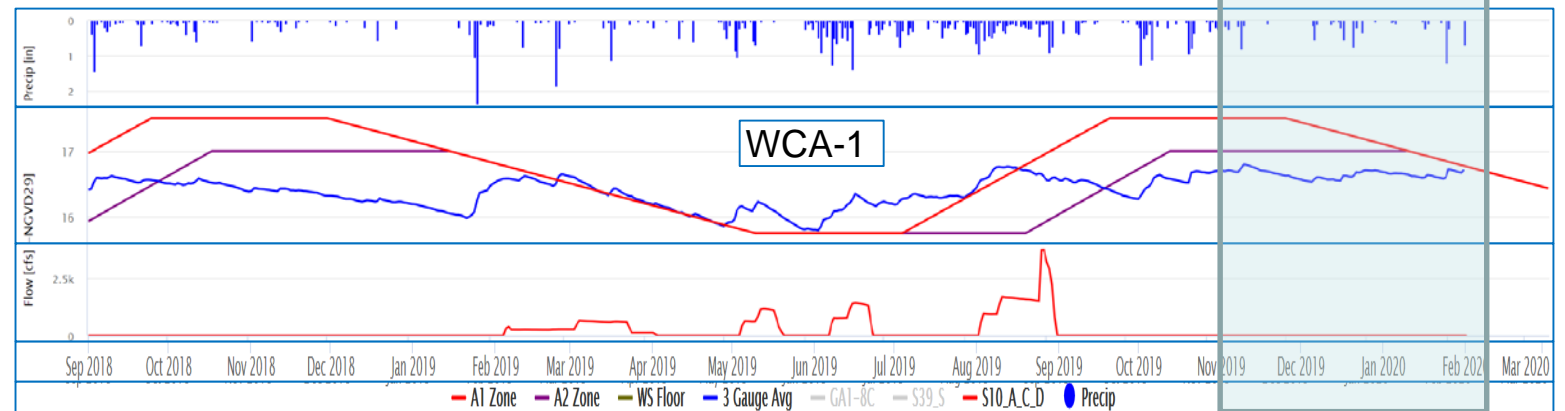
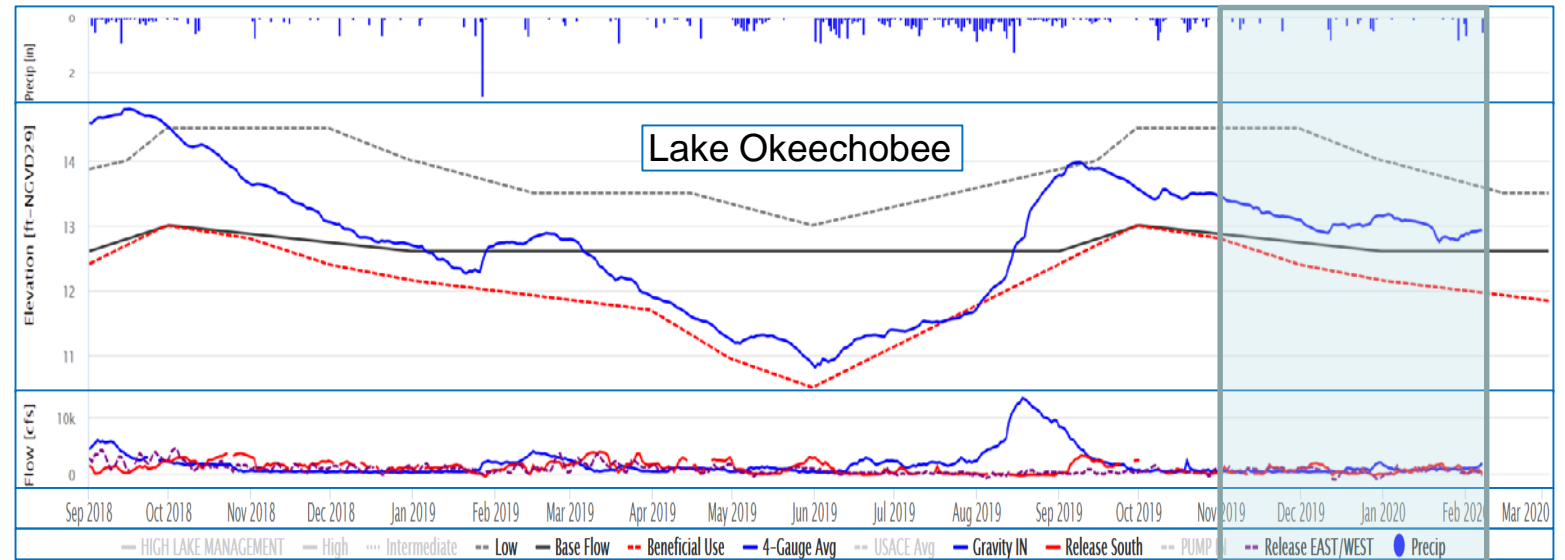


**SFWMD – Selected Release Volumes for the Period  
May 1, 2019 to Oct 31, 2019**  
(volumes in 1,000 acre-feet)

Symbol	Description	Volume (1000 acre-feet)
		Season to Date
	Lake Releases East and West	56.7
	Total Lake Releases South	268.8
	Lake Flood Control to Lake Worth Lagoon	0.0
	EAA Runoff	605.6
	Lake Delivery for Irrigation	221.5
	Inflows to STAs FEBs from Lake	55.2
	Inflows to STAs FEBs from Runoff +Other	836.6
	Flows from STAs to WCAs	654.4

# Dry Season WY 2020 to date – Lake Okeechobee and WCA-1

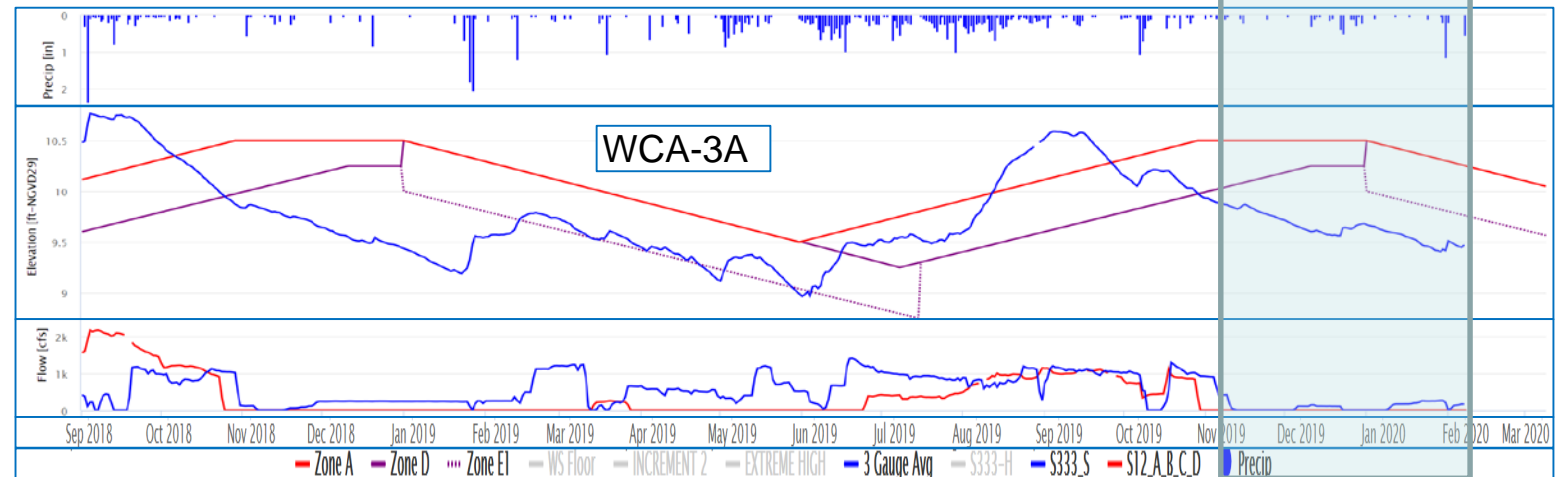
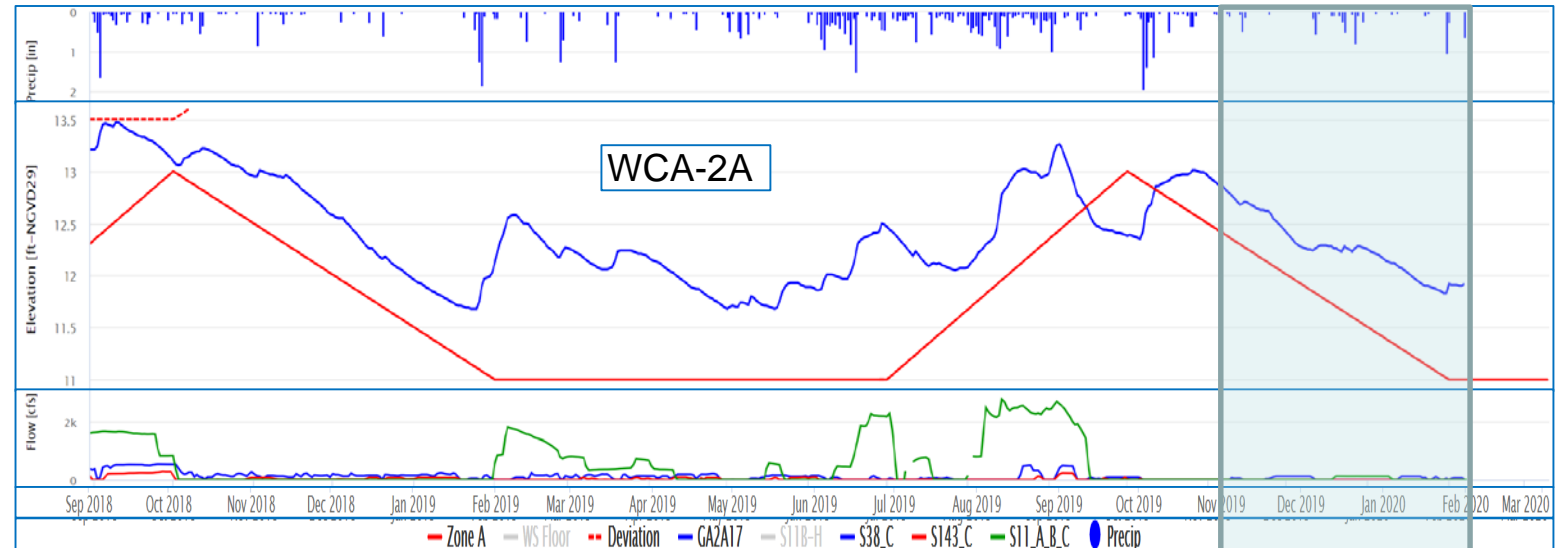
	Nov	Dec	Jan	Feb	Mar	Apr
Upper Kiss.	1.60	4.56	0.89	1.57		
Lower Kiss.	1.32	3.96	0.90	1.67		
Lake Okee.	1.63	3.16	1.19	1.76		
West EAA	1.16	2.07	1.25	1.46		
East EAA	1.31	2.34	1.36	1.33		
WCA 1 & 2	1.96	3.21	1.94	2.04		
WCA 3	0.93	2.35	1.75	0.86		



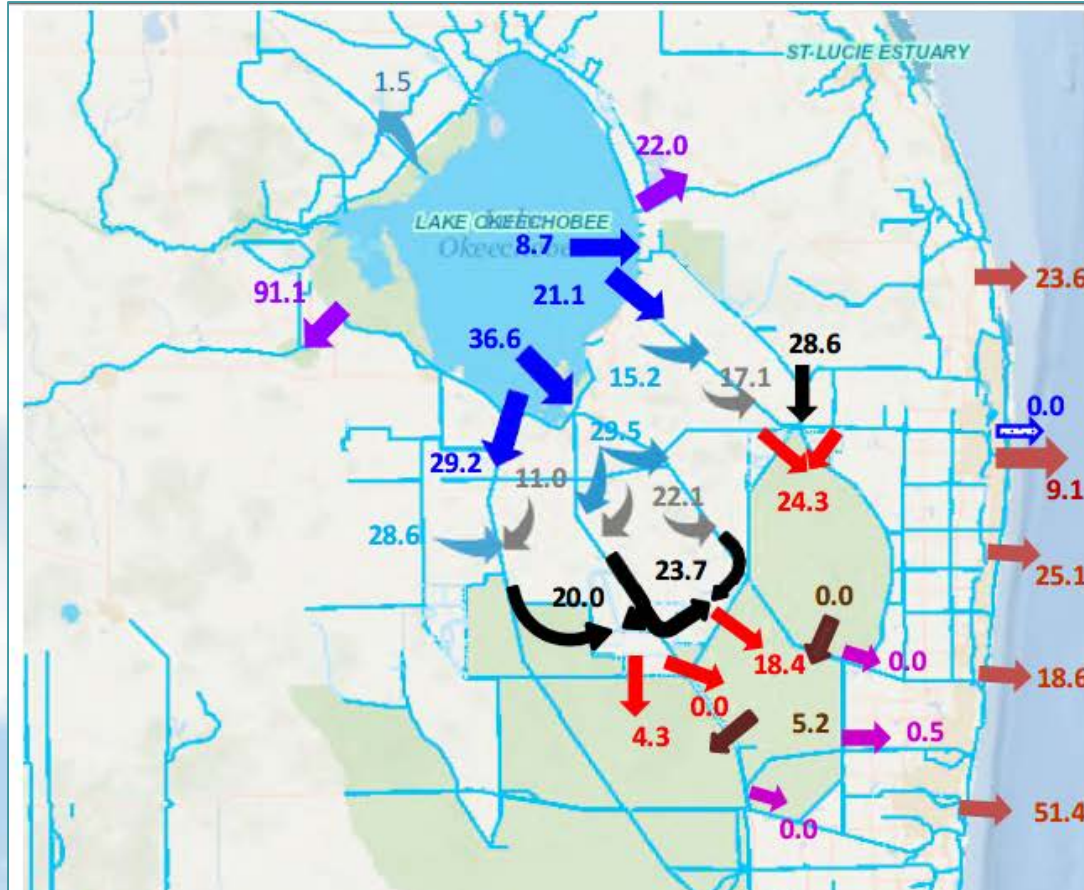


# Dry Season WY 2020 to date – WCA-2A and WCA-3A

	Nov	Dec	Jan	Feb	Mar	Apr
Upper Kiss.	1.60	4.56	0.89	1.57		
Lower Kiss.	1.32	3.96	0.90	1.67		
Lake Okee.	1.63	3.16	1.19	1.76		
West EAA	1.16	2.07	1.25	1.46		
East EAA	1.31	2.34	1.36	1.33		
WCA 1 & 2	1.96	3.21	1.94	2.04		
WCA 3	0.93	2.35	1.75	0.86		



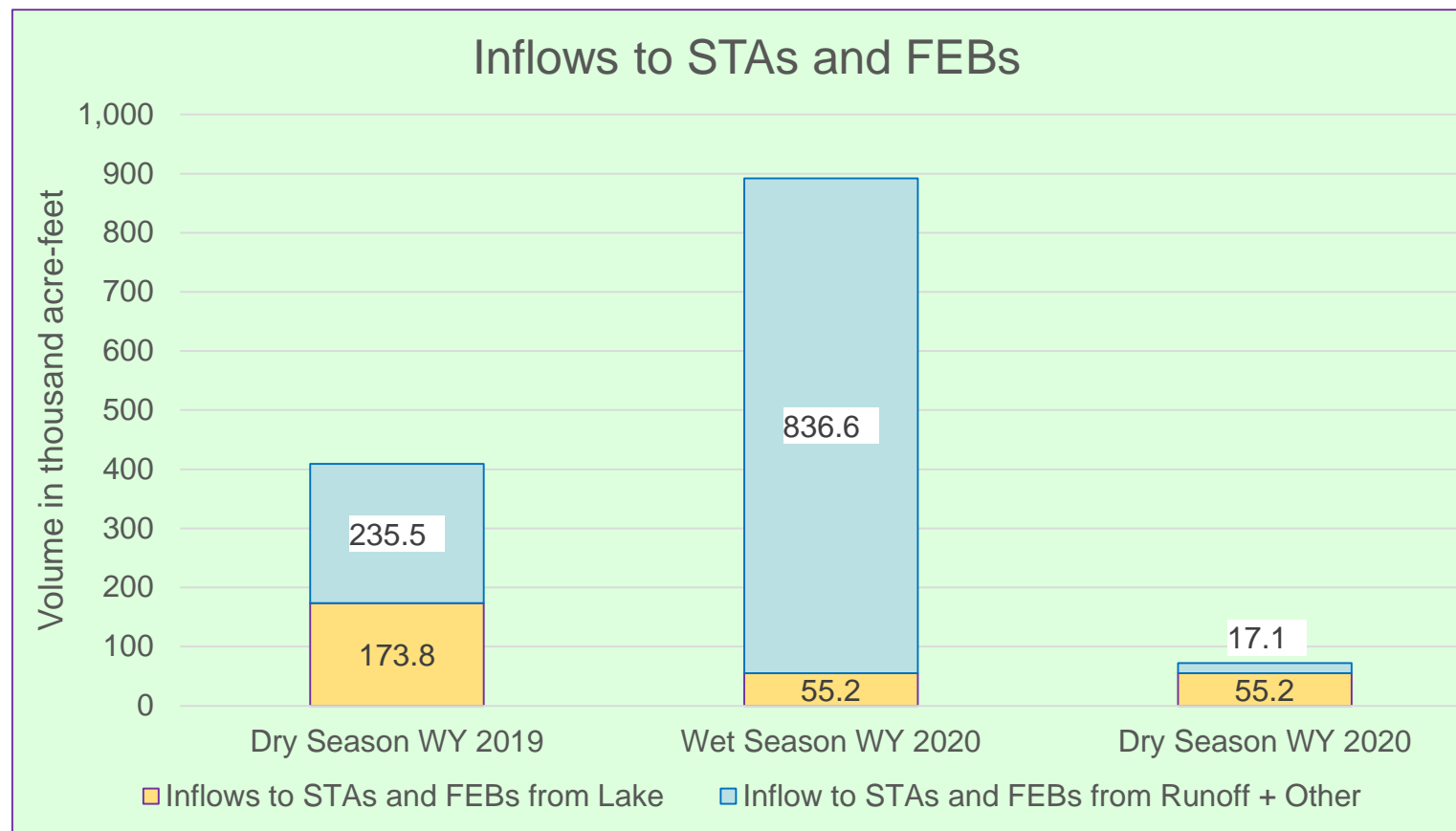
# Flow Map –Dry Season WY 2020 to date



**SFWMD – Selected Release Volumes for the Period  
Nov 1, 2019 to Jan 21, 2020**  
(volumes in 1,000 acre-feet)

Symbol	Description	Volume (1000 acre-feet)
		Season to Date
	Lake Releases East and West	113.1
	Total Lake Releases South	95.6
	Lake Flood Control to Lake Worth Lagoon	0.0
	EAA Runoff	50.3
	Lake Delivery for Irrigation	74.8
	Inflows to STAs FEBs from Lake	55.2
	Inflows to STAs FEBs from Runoff +Other	17.1
	Flows from STAs to WCAs	47.1

# Inflows to STAs and FEBs



*Note: The Restoration Strategies plan assumed a long-term annual average 58,300 acre-feet of lake releases to the STAs (STA-3/4) to achieve the WQBEL*



# Questions

**Jose Otero**  
**[jotero@sfwmd.gov](mailto:jotero@sfwmd.gov)**