



The Economics of Everglades Restoration

Missing Pieces in the Future of South Florida



Richard Weisskoff

The Economics of Everglades Restoration: Missing Pieces in the Future of South Florida

A PRESENTATION BY
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Fresh Water Use, South Florida, 2010

Table 4 Fresh Water Use, South Florida, 2010.
(thou. mgd/day, USGS)

	Pubic Supply	Rest of the Fresh	Total Fresh Water Use
	PS	RF	PS + RF
	[1]	[2]	[3]
1 LEC	797.6	641.3	1,438.9
2 LWC	119.6	910.6	1,030.2
3 KSV	44.9	223.3	268.2
4 UEC	45.8	156.7	202.5
5 Total SF	1,007.9	1,931.9	2,939.8
6 Total State	2,267.8	4,131.4	6,399.2
7 % SF/State	44.4%	46.8%	45.9%

Source:

Summed from Marella (2014), Tables 2 & 5,
water use by county.

Comparing Population Forecasts with Actual Records, 2000, 2010

Table 2. Comparing Population Forecasts with Actual Records, 2000, 2010, All Regions

Region	No. counties	Population				
		Census	% growth	Census	W'koff	% diff
		(thou.)		(thou.)	slow to fast	W'koff slow
		2000	2000-10	2010	forecast	to Census
		[1]	[2]	[3]	[4]	[5]
LEC - Lower East Coast	4	5,087	10.8	5,638	{ 6,105 6,195	7.6
LWC - Lower West Coast	4	739	34.2	992	{ 1,069 1,173	7.2
UEC -Upper East Coast	2	319	32.9	424	{ 447 455	5.1
KSV - Kissimmee Valley	3	296	37.5	407	{ 407 413	0.0
All South Florida	13	6,441	15.8	7,461	{ 8,028 8,236	7.1
Rest of Florida	54	9,541	18.9	11,342	{ 12,726 12,928	10.9
Florida	67	15,982	17.7	18,803	{ 20,754 21,164	9.4
Sources:	cols 1-2: US Census.					
	sskoff (2005), Table 2.4 for population forecasts; Tables 3.1, 3.3, 3.5 for water forecasts.					
	cols. 7, 10, 11: from Marella (2014), Tables 2 & 5 for county water use.					

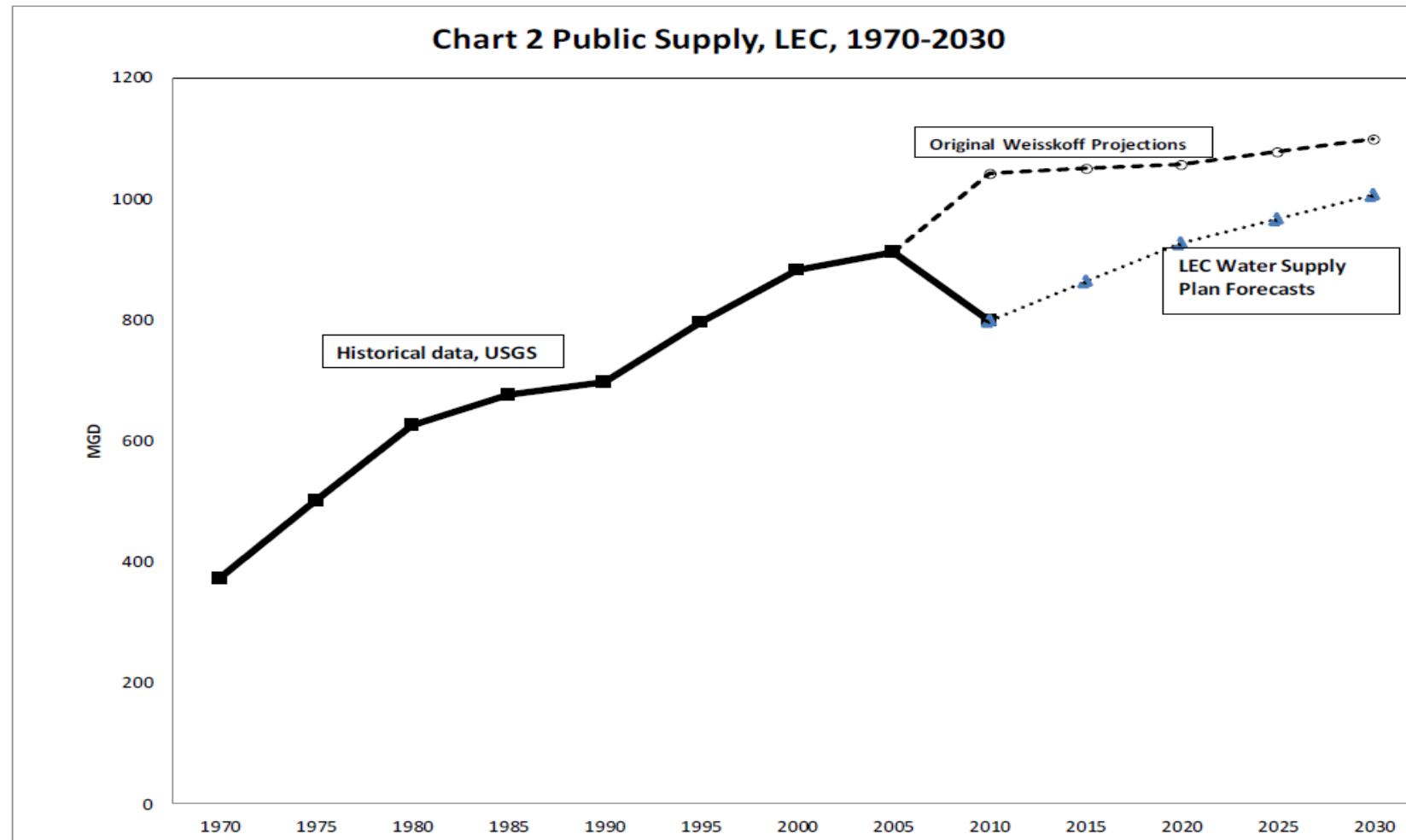
Table 3. Comparing Water Use Forecasts with Actual Records, 2000, 2010, All Regions

Region	Fresh Water Use (mgd - millions of gal/day)								
	Public Supply (PS)			Rest of Freshwater (RF)			Total Freshwater Use (PS+RF)		
	W'koff slow to fast forecast	USGS actual	% diff W'koff slow to USGS	W'koff slow to fast forecast	USGS actual	% diff W'koff slow to USGS	W'koff slow to fast forecast	USGS actual	% diff W'koff slow to USGS
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
LEC - Lower East Coast	1,041.7 } 1,175.3 }	797.6	23.4	1,512.2 } 1,891.2 }	641.3	57.6	2,553.9 } 3,066.5 }	1,439.0	43.7
LWC - Lower West Coast	145.2 } 182.5 }	119.6	17.6	1,252.3 } 1,759.7 }	910.6	27.3	1,397.5 } 1,942.2 }	1,030.1	26.3
UEC -Upper East Coast	45.6 } 56.2 }	45.8	-0.4	499.0 } 574.2 }	156.7	68.6	544.6 } 630.4 }	202.5	62.8
KSV - Kissimmee Valley	51.9 } 65.0 }	44.9	13.5	239.4 } 273.3 }	223.3	6.7	291.3 } 338.3 }	268.1	8.0
All South Florida	1,284.4 } 1,479.0 }	1,007.9	21.5	3,502.9 } 4,498.4 }	1,931.9	44.8	4,787.3 } 5,977.4 }	2,939.7	38.6
Rest of Florida	1,667.4 } 1,732.7 }	1,259.9	24.4	NA }	2,199.5	NA	NA }	519.9	NA
Florida	2,951.8 } 3,211.7 }	2267.8	23.2	NA }	4,131.4	NA	NA }	3,459.6	NA

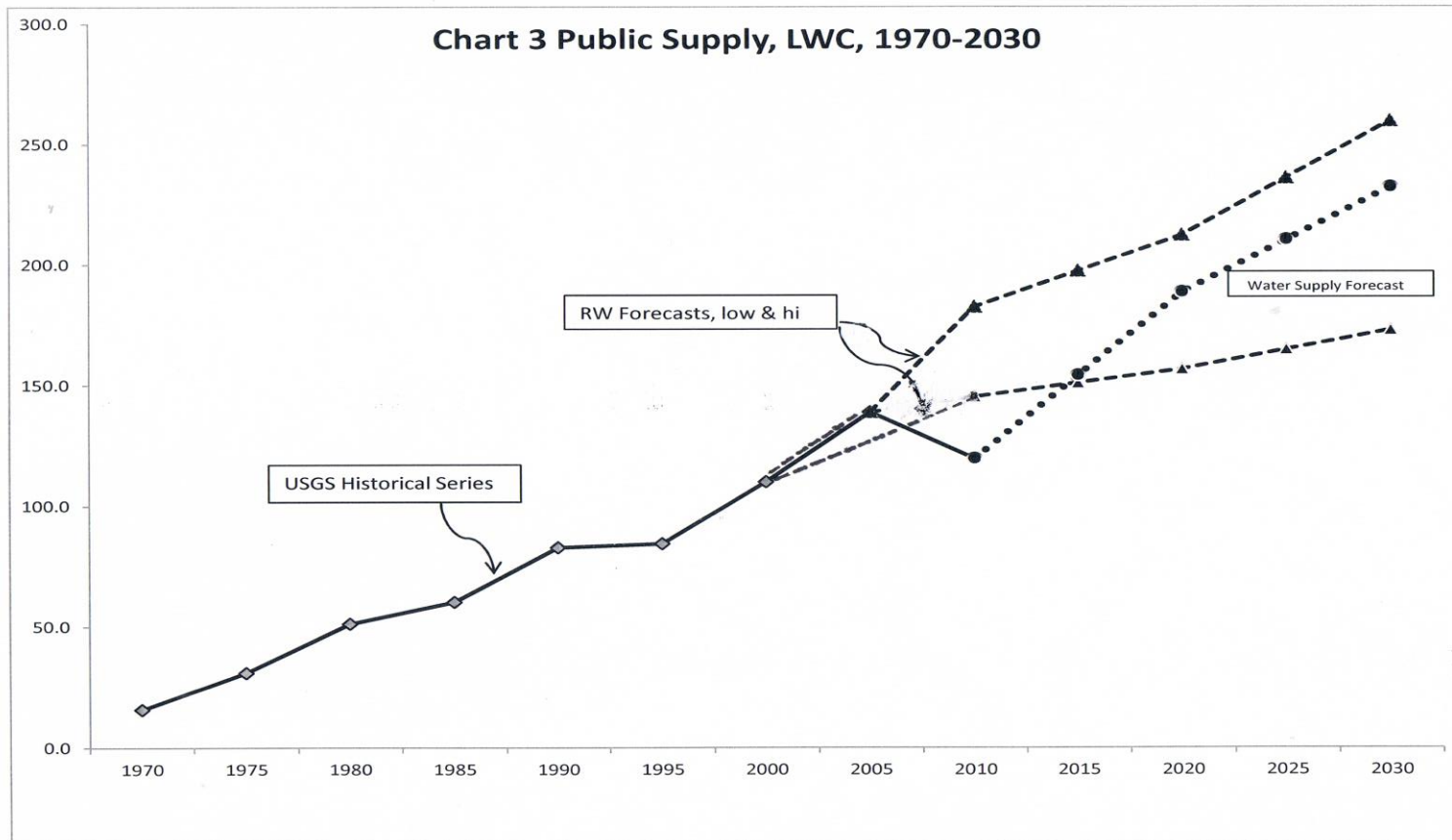
Sources:
Cols. 1, 4, 7: from Weisskoff (2005), Tables 3.1, 3.3, 3.5.
Cols. 2, 5, 8: from Marella (2014), tables 2 & 5 for county water use.

Comparing Water Use Forecasts with Actual Records, 2000, 2010

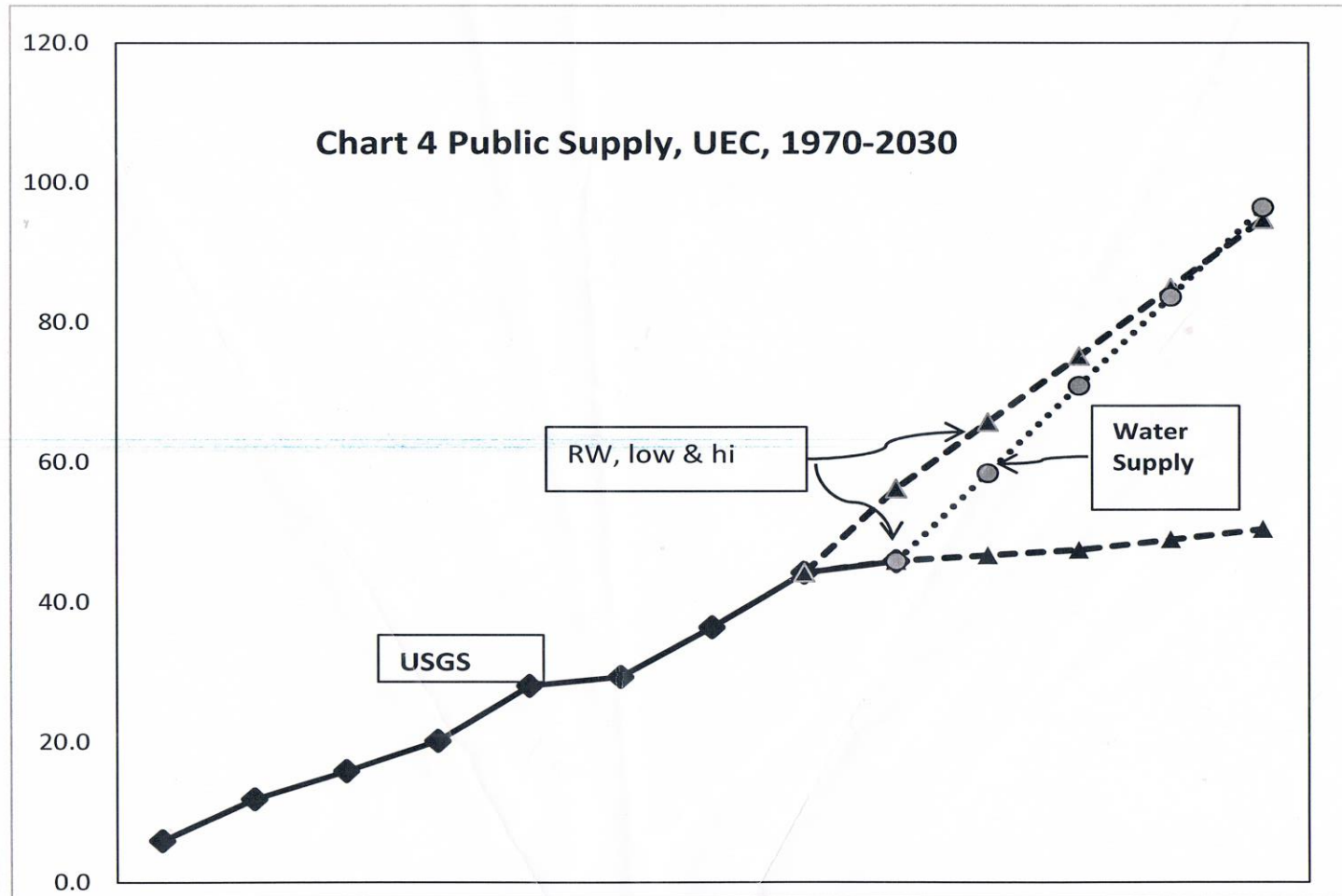
Public Supply, Lower East Coast, 1970-2030



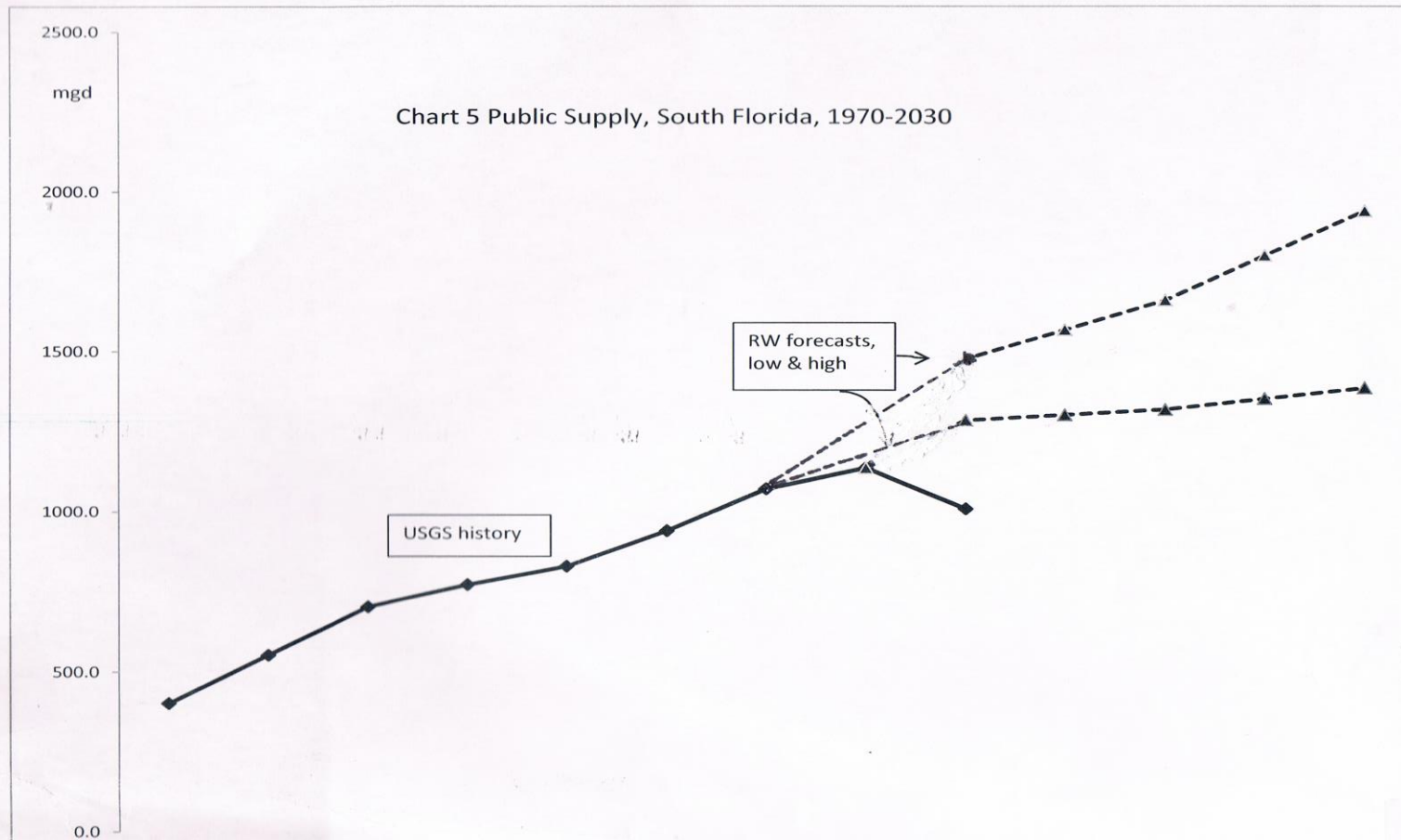
Public Supply, Lower West Coast, 1970-2030



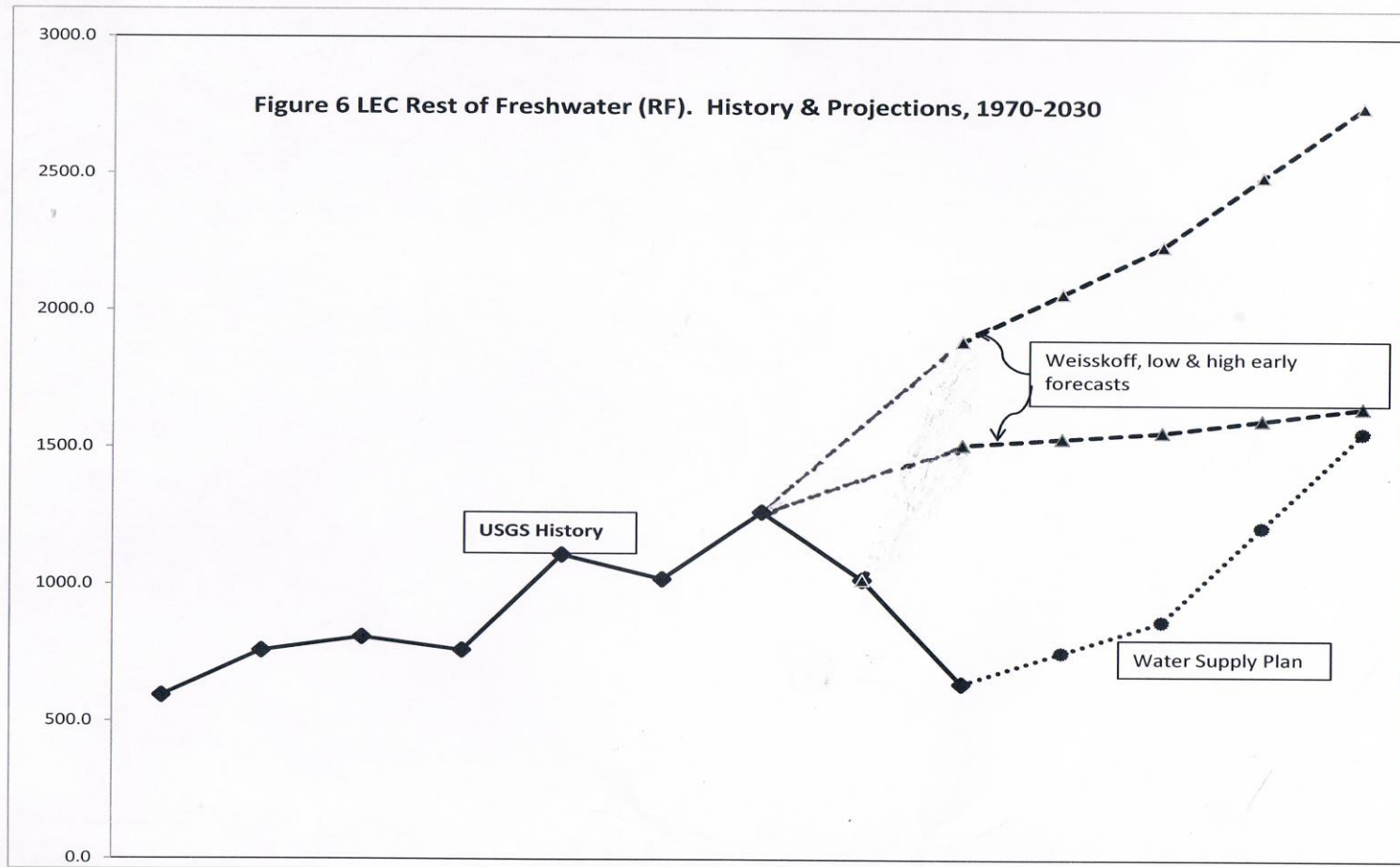
Public Supply, Upper East Coast, 1970-2030



Public Supply, South Florida, 1970-2030



Lower East Coast: Rest of Freshwater (RF). History &



Questions?

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