Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

Daily Target Flo	ow for			3/9/2021	to	3/15/2021	1706	cfs
Observed Stage Da	ata							
Station	ica	Variable			on	3/5/2021		<u>Unit</u>
WCA-3A (Average for Site 6	53 64 and 65)	Average Daily Stage			OII	3/3/2021	9 94	ft-NGVD29
NESRS2	55, 04 and 05)	Average Daily Stage					8.01	
Regulatory Stage WCA-3A		Average Daily Stage						ft-NGVD29
Observed Flow Date	ta							
Station		Variable	From	2/27/2021	to	3/5/2021	<u>Value</u>	<u>Unit</u>
S-12A		7-day Average Daily Flow						cfs
S-12B		7-day Average Daily Flow					0	cfs
S-12C		7-day Average Daily Flow					91	cfs
S-12D		7-day Average Daily Flow					504	cfs
S-333		7-day Average Daily Flow					636	
S-333N		7-day Average Daily Flow					679	
S-334		7-day Average Daily Flow					0	
S-12s Total		7-day Average Daily Flow					596	
S333 + S333N - S334 ¹		7-day Average Daily Flow					1315	
Total Flow to ENP		7-day Average Daily Flow					1911	cfs
Meteorological Da	ta							
<u>Forecasted</u>			From	3/6/2021	to	3/12/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)							0.19	in
3AS3WX - 7-day Total Forecas	sted PET						1.05	in
Observed			From	2/27/2021	to	3/5/2021	<u>Value</u>	Unit
WCA-3 7-day Total Observed NEXRAD Rainfall				, ,			0.00	
3AS3WX 7-day Total Observed PET							1.05	
		TTEE A	pplication	on				
1 Previous week t	target flow (calcu		• •				MAX	cfs
 Previous week target flow (calculated with forecasted 7-day QPF and PET) Previous week target flow (recalculated with observed rainfall and PET) 							MAX	
3 Adjustment for forecast (2-1)								cfs
4 This week calculated target flow							1706	
5 This week target flow with adjustment (3 + 4)							1706	
Average Daily Target Flow ²							1706	
		TTFF form	nula coefficient	ts				
WCA-3A Average Stage (β1) N	NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)		ecipitation (β4)	Fo	recast PET (β5)	Regulation	Schedule Stage (
212.12			1		1		ì	

Target flow is distributed from east to west (S-333, S-12D, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream

24.32

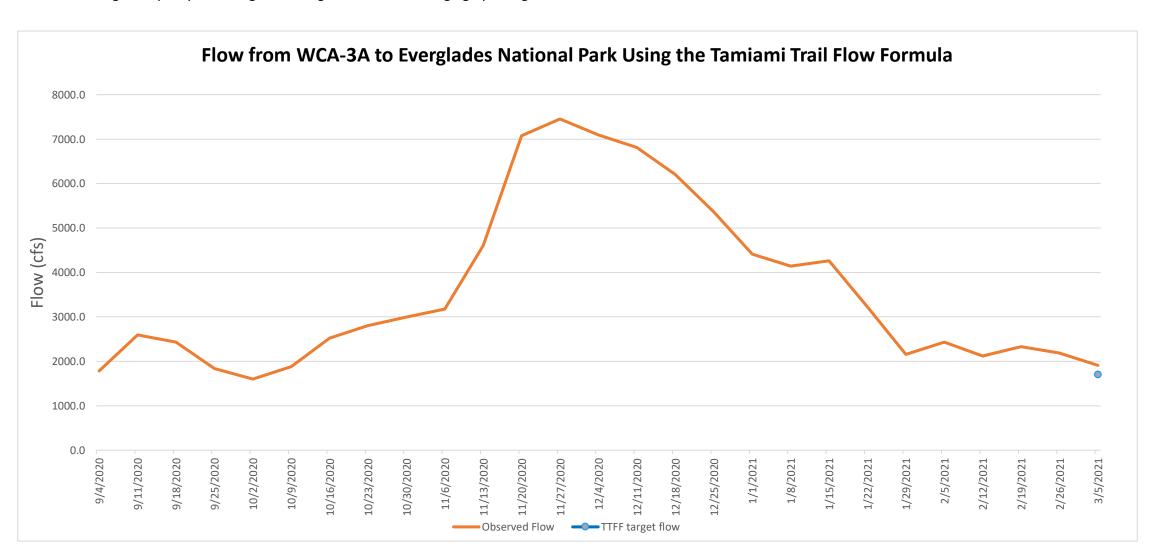
-96.31

-221.79

0.644

-44.62

318.42



 $^{^{1}}$ S-333 + S-333N - S-334 becomes zero if the sum of S-333 and S-333N is less than S-334 flow. Calculation is done daily.

²Actual discharges may vary from target discharges because of changing hydrologic conditions.