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

	•						
Daily Target Flow for			4/19/2022	to	4/25/2022	451	cfs
Observed Stage Data							
•	Variable				4/45/2022	Value	Linit
Station NGA 3A (Augusta for Site G3, G4 and G5)	<u>Variable</u>			on	4/15/2022	<u>Value</u>	· · · · · · · · · · · · · · · · · · ·
WCA-3A (Average for Site 63, 64 and 65) NESRS2	Average Daily Stage Average Daily Stage						ft-NGVD29 ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage						ft-NGVD29
	Average Daily Stage					9.80	It-INGVD29
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	4/9/2022	to	4/15/2022	<u>Value</u>	<u>Unit</u>
S-12A	7-day Average Daily Flow					0	cfs
S-12B	7-day Average Daily Flow					0	cfs
S-12C	7-day Average Daily Flow					0	cfs
S-12D	7-day Average Daily Flow					10	cfs
S-333	7-day Average Daily Flow						cfs
S-333N	7-day Average Daily Flow					228	
S-334	7-day Average Daily Flow						cfs
S-12s Total	7-day Average Daily Flow					10	cfs
S333 + S333N - S334 ¹	7-day Average Daily Flow					418	cfs
Total Flow to ENP	7-day Average Daily Flow					427	cfs
Meteorological Data							
<u>Forecasted</u>		From	4/16/2022	to	4/22/2022	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Foreca	st (QPF)					0.45	in
3AS3WX - 7-day Total Forecasted PET						1.32	in
Observed		From	4/9/2022	to	4/15/2022	Value	Unit
WCA-3 7-day Total Observed NEXRAD Rainfal	1					0.73	
3AS3WX 7-day Total Observed PET						1.32	in
	TTEE A.						
TTFF Application							
1 Previous week target flow (calculated with forecasted 7-day QPF and PET)							cfs
2 Previous week target flow (recalculated with observed rainfall and PET)						cfs	
3 Adjustment for forecast (2-1)					4		
4 This week calculated target flow							cfs
5 This week target flow with adju	stment (3 + 4)						cfs
Average Daily Target Flow ²						451	cfs
TTFF formula coefficients							

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

Forecast Precipitation (β4)

24.32

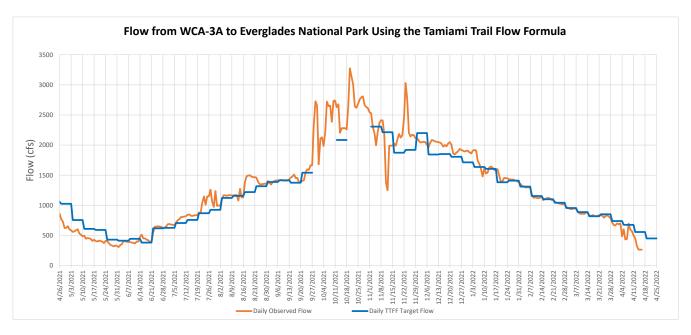
Forecast PET (β5)

Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



 $^{^{1}}$ 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.