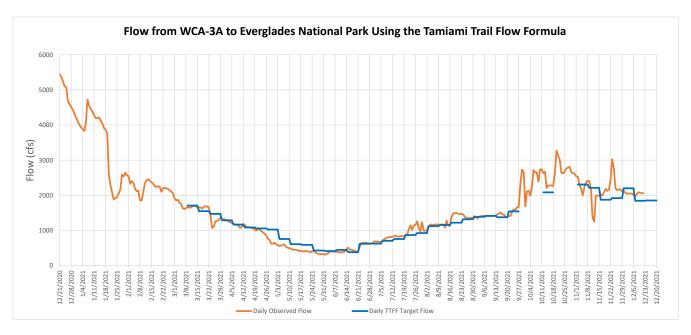
## Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

	,		<b>Set</b> 1.10				
Daily Target Flow for			12/14/2021	to	12/20/2021	1851	cfs
Observed Stage Date							
Observed Stage Data							
<u>Station</u>	<u>Variable</u>			on	12/10/2021	<u>Value</u>	
WCA-3A (Average for Site 63, 64 and 65)	Average Daily Stage						ft-NGVD29
NESRS2	Average Daily Stage						ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage					10.50	ft-NGVD29
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	12/4/2021	to	12/10/2021	<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					0	cfs
S-12D	7-day Average Daily Flow					723	cfs
S-333	7-day Average Daily Flow					654	cfs
S-333N	7-day Average Daily Flow					662	cfs
S-334	7-day Average Daily Flow					0	cfs
S-12s Total	7-day Average Daily Flow					723	cfs
S333 + S333N - S334 <sup>1</sup>	7-day Average Daily Flow					1316	cfs
Total Flow to ENP	7-day Average Daily Flow					2038	cfs
Meteorological Data							
<u>Forecasted</u>		From	12/10/2021	to	12/16/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Foreca	st (QPF)					0.22	in
3AS3WX - 7-day Total Forecasted PET						0.79	in
Observed		From	12/4/2021	to	12/10/2021	<u>Value</u>	Unit
		FIOIII	12/4/2021	ιο	12/10/2021		·
WCA-3 7-day Total Observed NEXRAD Rainfal						0.10	
3AS3WX 7-day Total Observed PET						0.79	ın
	TTFF Ap	plicati	on				
Previous week target flow (calc	ulated with forecasted 7-day QP	•				1894	cfs
	Previous week target flow (recalculated with observed rainfall and PET)					1909	
	Adjustment for forecast (2-1)						cfs
	This week calculated target flow					1837	
5 This week target flow with adju					1851		
Average Daily Target Flow <sup>2</sup>	,					1851	
	TTEE formul						

TTFF formula coefficients									
WCA-3A Average Stage (β1)	NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	7-day Average Flow (β3) Forecast Precipitation (β4) Forecast PET		Regulation Schedule Stage (β6)				
318.42	-44.62	0.644	24.32	-96.31	-221.79				

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

<sup>&</sup>lt;sup>2</sup>Actual discharges may vary from target discharges because of changing hydrologic conditions.



 $<sup>^{1}</sup>$ 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.