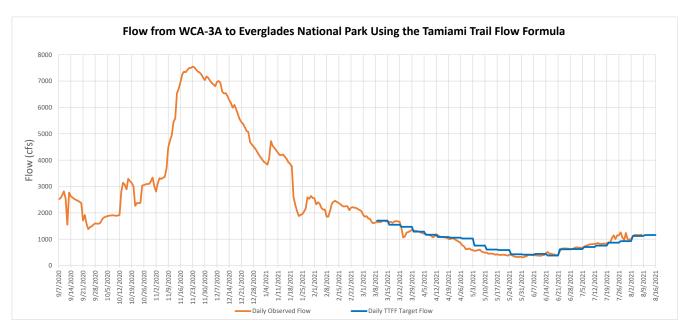
## Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

_	_	_	(1111)		0				
Daily Target Flow for					8/10/2021	to	8/16/2021	1158	cfs
Observe	ed Stage	Data							
Station			Variable			on	8/6/2021	<u>Value</u>	Unit
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					9.94	ft-NGVD29	
Observed Flow Data									
<u>Station</u>			<u>Variable</u>	From	7/31/2021	to	8/6/2021	<u>Value</u>	<u>Unit</u>
S-12A		7-day Average Daily Flow					0	cfs	
S-12B		7-day Average Daily Flow						cfs	
S-12C S-12D		7-day Average Daily Flow 7-day Average Daily Flow					0 248	cfs	
S-333		7-day Average Daily Flow						cfs	
S-333N		7-day Average Daily Flow					834		
S-334			7-day Average Daily Flow					0	cfs
S-12s Total		7-day Average Daily Flow					248	cfs	
S333 + S333N - S334 <sup>1</sup>			7-day Average Daily Flow					835	cfs
Total Flow t	to ENP		7-day Average Daily Flow					1083	cfs
Meteor	rological	Data							
<u>Forecasted</u>				From	8/7/2021	to	8/13/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Foreca			t (QPF)					1.44	in
3AS3WX - 7-day Total Forecasted PET								0.97	in
Observed				From	7/31/2021	to	8/6/2021	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfall								2.33	in
3AS3WX 7-day Total Observed PET								0.97	in
			TTEE Ar	nlicati	on				
TTFF Application  1 Previous week target flow (calculated with forecasted 7-day QPF and PET)  1129 cfs									
	2 Previous week target flow (recalculated with observed rainfall a				1			1144	
3	Adjustment for forecast (2-1)								cfs
4	This week calculated target flow							1143	
5 This week target flow with adjustment (3 + 4)								1158	cfs
Average Daily Target Flow <sup>2</sup>								1158	cfs
TTFF formula coefficients									
WCA-3A Average Stage (β1)		NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	Forecast Precipitation (β4)		Forecast PET (β5)		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-12C, 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>&</sup>lt;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.