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

Daily Target Flow	, for			6/29/2021	to	7/5/2021	626	cfs
Dany ranger now				0/23/2021		,,3,2021	020	0.0
<b>Observed Stage Data</b>	a							
<u>Station</u>		<u>Variable</u>			on	6/25/2021	<u>Value</u>	<u>Unit</u>
WCA-3A (Average for Site 63,	64 and 65)	Average Daily Stage					8.74	ft-NGVD29
NESRS2		Average Daily Stage					7.05	
Regulatory Stage WCA-3A		Average Daily Stage					9.66	ft-NGVD29
<b>Observed Flow Data</b>								
<u>Station</u>		<u>Variable</u>	From	6/19/2021	to	6/25/2021	<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					21	cfs
S-12D		7-day Average Daily Flow					0	
S-333		7-day Average Daily Flow					0	
S-333N		7-day Average Daily Flow					507	
S-334		7-day Average Daily Flow					0	
S-12s Total		7-day Average Daily Flow					21	
S333 + S333N - S334 <sup>1</sup>		7-day Average Daily Flow					507	
Total Flow to ENP		7-day Average Daily Flow					528	cfs
Meteorological Data	1							
<u>Forecasted</u>			From	6/26/2021	to	7/2/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)							2.23	in
3AS3WX - 7-day Total Forecasted PET							0.94	in
Observed			From	6/19/2021	to	6/25/2021	<u>Value</u>	Unit
WCA-3 7-day Total Observed NEXRAD Rainfall							1.56	·
3AS3WX 7-day Total Observed PET							0.94	in
,								
TTFF Application								
Previous week target flow (calculated with forecasted 7-day QPF and PET)							523	cfs
2 Previous week tar	Previous week target flow (recalculated with observed rainfall and PET)						519	cfs
3 Adjustment for for	Adjustment for forecast (2-1)						-3	cfs
4 This week calculat							630	cfs
5 This week target flow with adjustment (3 + 4)							626	cfs
Average Daily Target Flow <sup>2</sup>							626	cfs
TTFF formula coefficients								
WCA-3A Average Stage (β1) NESRS2 Stage (β2)		Previous 7-day Average Flow (β3)	Forecast Pr	est Precipitation (β4) Forecast PET (β5)		recast PET (β5)	Regulation Schedule Stage (β6	

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

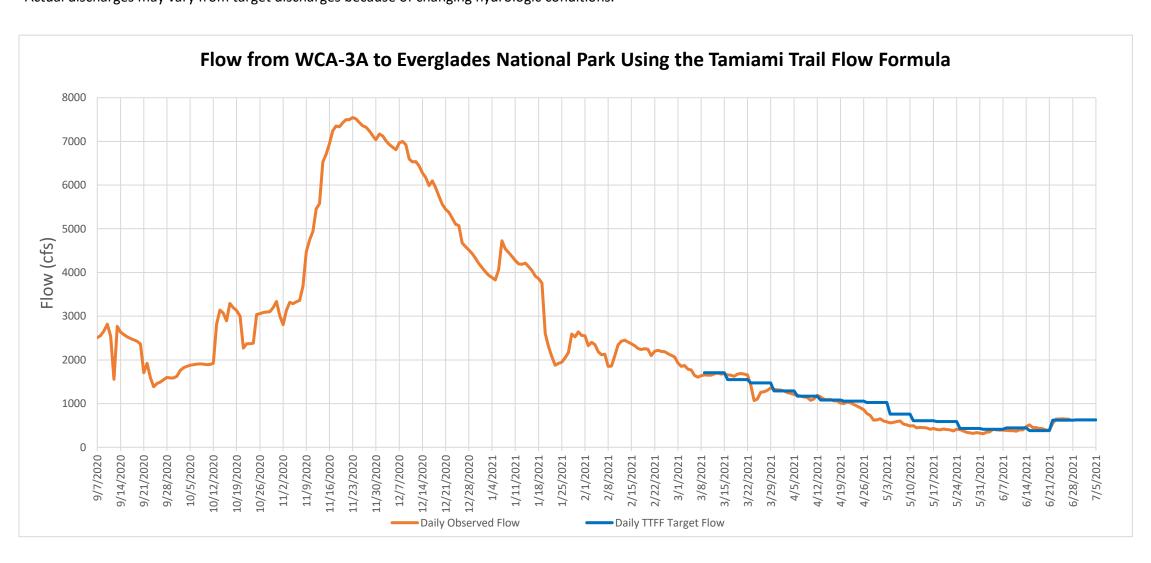
24.32

-96.31

-221.79

0.644

-44.62



<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.

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