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

Daily Target Flo	w for			12/5/2023	to	12/11/2023	MAX	cfs
Observed Stage Da Station WCA-3A (Average for Site 6 NESRS2 Regulatory Stage WCA-3A		Variable Average Daily Stage Average Daily Stage Average Daily Stage			on	12/1/2023	Value 10.89 8.27 10.50	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
<b>Observed Flow Dat</b>	ta							
Station S-12A S-12B S-12C S-12D S-333 S-333N S-334 S-12s Total S333 + S333N - S334 <sup>1</sup> Total Flow to ENP		Variable 7-day Average Daily Flow	From	11/25/2023	to	12/1/2023	Value 442 321 667 889 98 76 0 2319 174 2493	cfs cfs cfs cfs cfs cfs cfs cfs
Meteorological Da	ta							
Forecasted  WCA3 7-day Quantitative Precipitation Forecast (QPF)  3AS3WX - 7-day Total Forecasted PET			From	12/2/2023	to	12/8/2023	<u>Value</u> 0.04 0.76	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	11/25/2023	to	12/1/2023	<u>Value</u> 0.02 0.76	in
		TTFF A	pplica	tion				
Previous week target flow (calculated with forecasted 7-day QPF and PET) Previous week target flow (recalculated with observed rainfall and PET) Adjustment for forecast (2-1) This week calculated target flow This week target flow with adjustment (3 + 4)  Average Daily Target Flow  Previous week target flow (calculated with forecasted 7-day QPF and PET) This week target flow (recalculated with observed rainfall and PET)  Adjustment for forecast (2-1)  Adjustment for forecast (2-1)  Average Daily Target Flow						MAX MAX 0 MAX MAX	cfs cfs cfs cfs	
TTFF formula coefficients								
WCA-3A Average Stage (B1)	WCA-3A Average Stage (β2) (β1) NESRS2 Stage (β2)		ow (β3) Forecast Precipitation (β4)		Forecast 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 constraints.

24.32

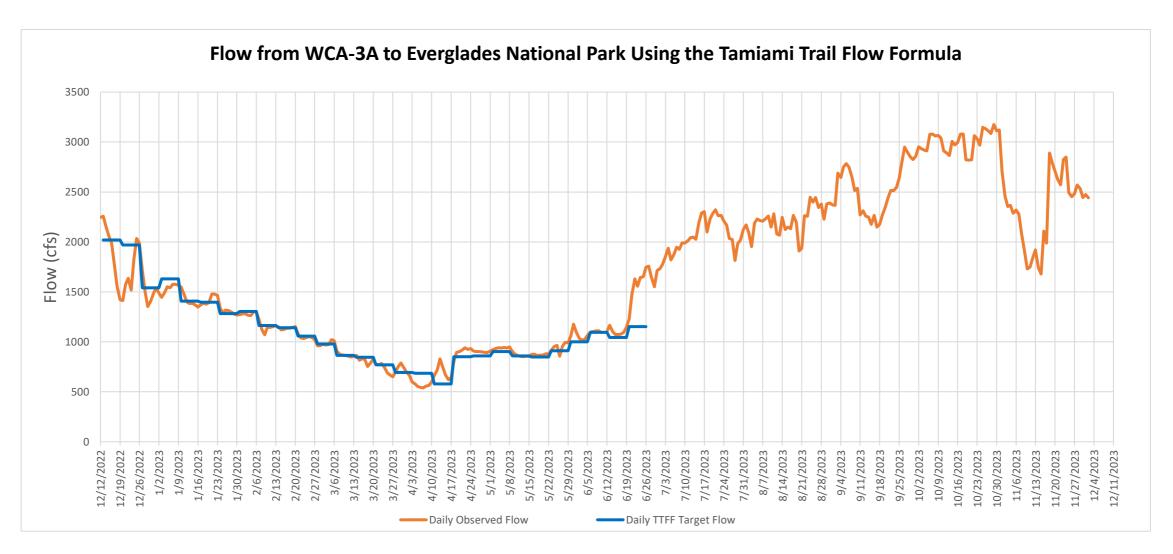
-96.31

-221.79

0.644

-44.62

**(β1)** 318.42



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