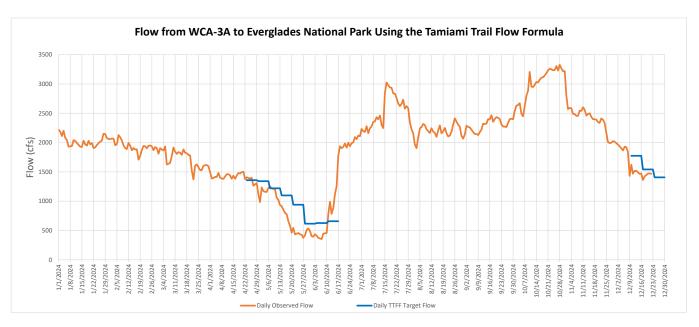
## Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

Daily Target Flow for	r			12/24/2024	to	12/30/2024	1406	cfs
				, ,				
Observed Stage Data								
<u>Station</u>		<u>Variable</u>			on	12/20/2024	<u>Value</u>	<u>Unit</u>
WCA-3A (Average for Site 63, 64 ar	nd 65)	Average Daily Stage					10.12	ft-NGVD29
NESRS2		Average Daily Stage					8.00	ft-NGVD29
Regulatory Stage WCA-3A		Average Daily Stage					10.50	ft-NGVD29
Observed Flow Data								
Station_		<u>Variable</u>	From	12/14/2024	to	12/20/2024	<u>Value</u>	Unit
		7-day Average Daily Flow					0	cfs
S-12B		7-day Average Daily Flow					0	cfs
5-12C		7-day Average Daily Flow					498	cfs
5-12D		7-day Average Daily Flow					640	cfs
5-333		7-day Average Daily Flow					154	cfs
5-333N		7-day Average Daily Flow					156	cfs
5-334		7-day Average Daily Flow					0	cfs
5-12s Total		7-day Average Daily Flow					1138	cfs
5333 + S333N - S334 <sup>1</sup>		7-day Average Daily Flow					310	cfs
Total Flow to ENP		7-day Average Daily Flow					1448	cfs
Meteorological Data								
<u>-orecasted</u>			From	12/21/2024	to	12/27/2024	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)							0.19	in
3AS3WX - 7-day Total Forecasted PET							0.77	in
Observed			F	12/14/2024		12/20/2024	Value	l loit
<u>Observed</u>			From	12/14/2024	to	12/20/2024	<u>Value</u>	
WCA-3 7-day Total Observed NEXRAD Rainfall							0.44	
3AS3WX 7-day Total Observed PET							0.77	in
		TTFF	Applicati	ion				
Previous week target flow (calculated with forecasted 7-day QPF and PET)							1535	cfs
2 Previous week target flow (recalculated with observed rainfall and PET)							1541	cfs
3 Adjustment for forecast (2-1)						6	cfs	
4 This week calculated target flow						1400	cfs	
5 This week target flow with adjustment (3 + 4)							1406	cfs
Average Daily Target Flow <sup>2</sup>							1406	
		TTFF f	ormula coefficie	nts				
VCA-3A Average Stage (β1) NESRS2 Stage (β2) F		Previous 7-day Average Flow (β3)	Forecast Precipitation (β4)		Forecast PET (β5)		Regulation Schedule Stage (β6)	
318.42 -44.6	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.



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