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

Daily Target	Flow for			1/28/2025	to	2/3/2025	1173	cfs
Observed Stage Data								
Station WCA-3A (Average for SinesRS2 Regulatory Stage WCA-		Variable Average Daily Stage Average Daily Stage Average Daily Stage			on	1/24/2025	7.86	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow Data								
<u>Station</u>		<u>Variable</u>	From	1/18/2025	to	1/24/2025	<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					185	
S-12D		7-day Average Daily Flow					420	
S-333		7-day Average Daily Flow					302	
S-333N		7-day Average Daily Flow					285	
S-334		7-day Average Daily Flow					0	cfs
S-12s Total		7-day Average Daily Flow					606	
S333 + S333N - S334 ¹		7-day Average Daily Flow						
Total Flow to ENP		7-day Average Daily Flow					1192	CTS
Meteorological	Data							
<u>Forecasted</u>		From	1/25/2025	to	1/31/2025	<u>Value</u>	<u>Unit</u>	
WCA3 7-day Quantitative	Precipitation Foreca	st (QPF)					0.00	in
3AS3WX - 7-day Total Forecasted PET							0.38	in
Observed			From	1/18/2025	to	1/24/2025	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfall							0.26	in
3AS3WX 7-day Total Obs	erved PET						0.38	in
		TTFF	Applicati	on				
1 Previous week target flow (calculated with forecasted 7-day QPF and PET) 1202 cfs								cfs
2 Previous week target flow (recalculated with observed rainfall and PET)							1202	
3 Adjustment for forecast (2-1)							cfs	
4 This week calculated target flow						1173		
5 This week target flow with adjustment (3 + 4)							1173	
Average Daily Target Flow ²							1173	
TTFF formula coefficients								
WCA-3A Average Stage (β1)	NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	Forecast Pre	ecipitation (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 constraints.

24.32

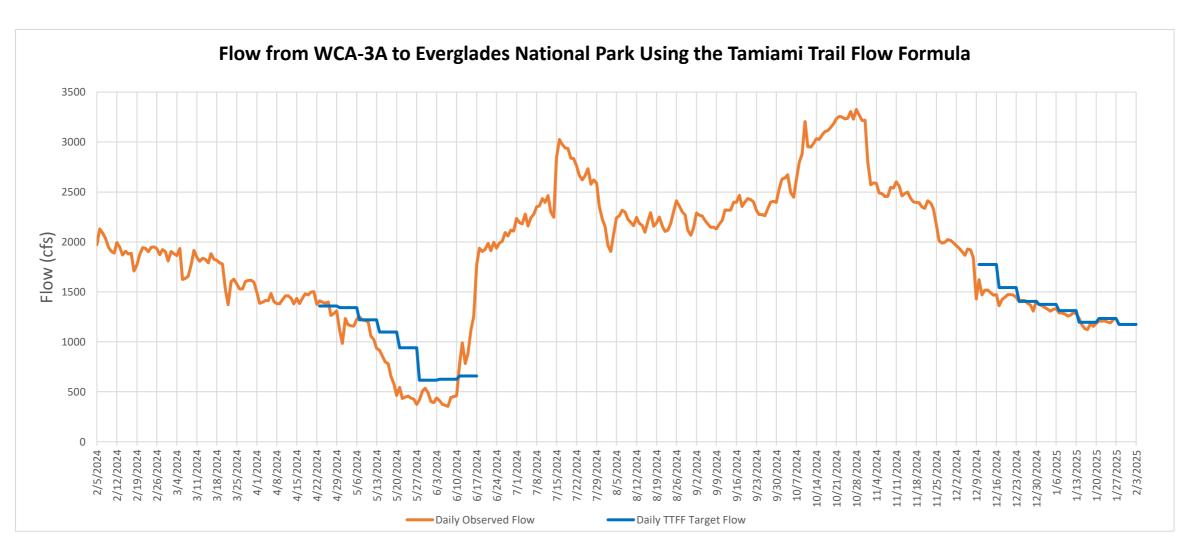
-96.31

-221.79

0.644

-44.62

318.42



 $^{^{1}}$ 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.

²Actual discharges may vary from target discharges because of changing hydrologic conditions.