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

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Daily Targe	et Flow for			12/26/2023	to	1/1/2024	MAX	cfs
Observed Stage	. Data							
Station WCA-3A (Average for Site 63, 64 and 65) NESRS2 Regulatory Stage WCA-3A		Variable Average Daily Stage Average Daily Stage Average Daily Stage			on	12/22/2023	8.08	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow	Data							
Station 5-12A 5-12B 5-12C 5-12D 5-333 5-333N 5-334 5-12s Total 5333 + S333N - S334 <sup>1</sup> Total Flow to ENP  Meteorological		Variable 7-day Average Daily Flow	From	12/16/2023	to	12/22/2023	Value 378 243 547 922 165 0 0 2090 165 2255	cfs
Forecasted WCA3 7-day Quantitative Precipitation Forecast (QPF) 3AS3WX - 7-day Total Forecasted PET			From	12/23/2023	to	12/29/2023	<u>Value</u> 1.29 0.60	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	12/16/2023	to	12/22/2023	<u>Value</u> 1.71 0.60	in
		TTFF A	Applicat	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 (recalculated with observed rainfall and PET)  Adjustment for forecast (2-1)  Average Daily Target Flow  Previous week target flow (recalculated with forecasted 7-day QPF and PET)  Adjustment for forecast (2-1)  Adjustment for forecast (2-1)							MAX MAX 0 MAX MAX	cfs cfs cfs cfs
		TTFF for	mula coeffici	ents				
WCA-3A Average Stage (β1)	NESRS2 Stage (β2) -44.62	Previous 7-day Average Flow (β3)	Forecast Precipitation (β4) 24.32		Forecast PET (β5) -96.31		Regulation Schedule Stage (β6) -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.