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

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Daily Target	Flow for			8/22/2023	to	8/28/2023	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	8/18/2023	8.22	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow I	Data							
Station S-12A S-12B S-12C S-12D S-333 S-333N S-334 S-12s Total S333 + S333N - S334 ¹ Total Flow to ENP Meteorological Forecasted WCA3 7-day Quantitative SAS3WX - 7-day Total For	Data • Precipitation Forecas	Variable 7-day Average Daily Flow 1 (QPF)	From	8/12/2023 8/19/2023	to	8/18/2023 8/25/2023	Value 144 165 410 661 749 0 1380 750 2130 Value 2.12 1.06	cfs
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	8/12/2023	to	8/18/2023	<u>Value</u> 1.73 1.06	in
		TTFF A	Applicat	ion				
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 (salculated with forecasted 7-day QPF and PET) Average Daily Target Flow						MAX MAX 0 MAX MAX	cfs cfs cfs cfs	
		TTFF for	mula coeffici	ents				
WCA-3A Average Stage (β1) 318.42	NESRS2 Stage (β2) -44.62	Previous 7-day Average Flow (β3) 0.644	Forecast Precipitation (β4) 24.32		Forecast PET (β5) -96.31		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.

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



 $^{^{1}}$ 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.