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

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Daily Targe	t Flow for			6/20/2023	to	6/26/2023	1153	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	6/16/2023	7.90	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow	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 3AS3WX - 7-day Total Fo	Data e Precipitation Forecas	Variable 7-day Average Daily Flow	From	6/10/2023	to	6/16/2023	547 0	cfs
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	6/10/2023	to	6/16/2023	<u>Value</u> 1.50 1.36	<u>Unit</u> 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 ²							1065 1081 16 1137 1153	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		Fo	-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.

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.