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

Daily Target Flow for				2/28/2023	to	3/6/2023	979	cfs
Observed Stage D)ata							
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	2/24/2023	<u>Value</u> 9.37 7.83 10.14	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow Da	ata							
Station 5-12A 5-12B 5-12C 5-12D 5-333 5-333N 5-334 5-12s Total 5333 + S333N - S334 ¹ Fotal Flow to ENP		Variable 7-day Average Daily Flow	From	2/18/2023	to	2/24/2023	Value 0 0 317 379 394 0 317 774 1090	cfs
Meteorological D	ata							
Forecasted WCA3 7-day Quantitative Precipitation Forecast (QPF) 3AS3WX - 7-day Total Forecasted PET			From	2/25/2023	to	3/3/2023	<u>Value</u> 0.00 1.02	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	2/18/2023	to	2/24/2023	<u>Value</u> 0.01 1.02	<u>Unit</u> 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 (recalculated with observed rainfall and PET) Adjustment for forecast (2-1) Average Daily Target Flow							1059 1049 -10 989 979 979	cfs cfs cfs cfs
, , ,		TTFF for	mula coefficie	ents				
WCA-3A Average Stage (β1)	NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)		st Precipitation (β4) Forecast PET (β5)		recast PET (β5)	Regulation Schedule Stage (β6)	
210.42		0.644			06.21		224.70	

WCA-3A Average Stage (β1) NESRS2 Stage (β2) Previous 7-day Average Flow (β3) Forecast Precipitation (β4) Forecast PET (β5) Regulation Schedule Stage (β6)

318.42 -44.62 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.

¹S-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.

