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

Daily Target Flow for			1/24/2023	to	1/30/2023	1282	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	1/20/2023	<u>Value</u> 9.87 7.90 10.37	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 ¹ Fotal Flow to ENP Meteorological Data Forecasted	Variable 7-day Average Daily Flow	From	1/14/2023	to	1/27/2023	Value 0 293 553 268 261 0 846 530 1376	cfs
WCA3 7-day Quantitative Precipitation Forecast (QPF) 3AS3WX - 7-day Total Forecasted PET		FIOIII	1/21/2023	ιο	1/2//2023	0.17 0.95	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfa BAS3WX 7-day Total Observed PET	II	From	1/14/2023	to	1/20/2023	<u>Value</u> 0.00 0.95	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 forecasted 7-day QPF and PET) Adjustment for forecast (2-1) Adjustment for forecast (2-1) Average Daily Target Flow						1402 1395 -7 1289 1282	cfs cfs cfs cfs
	TTFF for	mula coeffici	ents				
WCA-3A Average Stage (β1) NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	T	recipitation (β4)	Fo	recast PET (β5)	Regulation So	hedule Stage (β6
210.42	0.644	 	2422	1	06.21	224.70	

Target flow is distributed from east to west (S-333, S-12D, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

24.32

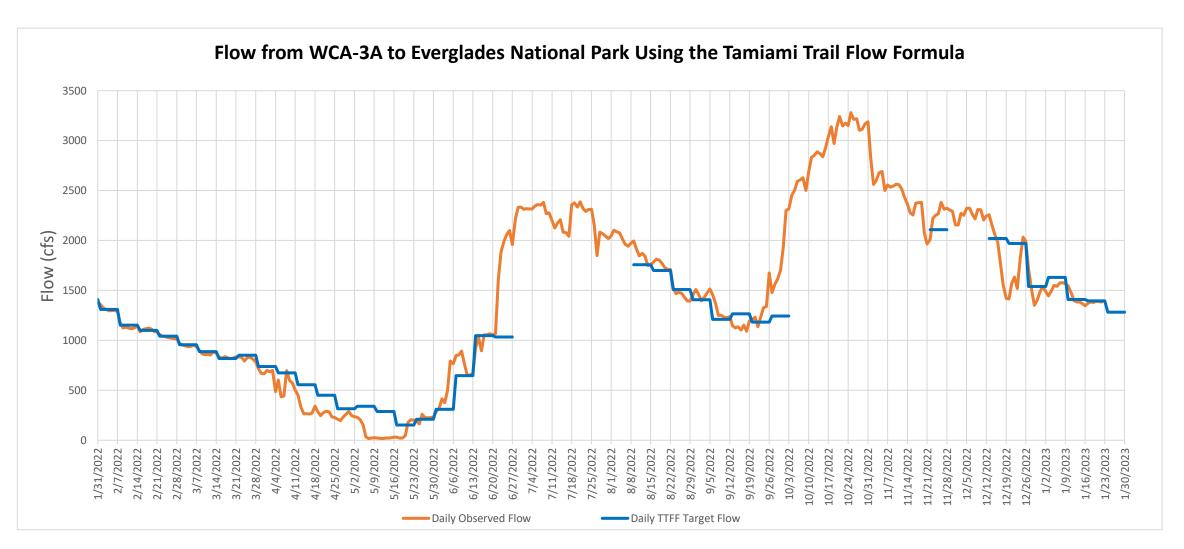
-96.31

-221.79

0.644

-44.62

318.42



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.

 $^{^{2}}$ Actual discharges may vary from target discharges because of changing hydrologic conditions.