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

Daily Target	Flow for			1/31/2023	to	2/6/2023	1304	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	1/27/2023	<u>Value</u> 9.75 7.85 10.32	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow D	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 I		Variable 7-day Average Daily Flow	From	1/21/2023	to	1/27/2023	Value 0 0 133 570 342 339 0 703 681 1384	cfs
<u>Forecasted</u> WCA3 7-day Quantitative Precipitation Forecast (QPF) 3AS3WX - 7-day Total Forecasted PET			From	1/28/2023	to	2/3/2023	<u>Value</u> 0.06 0.75	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	1/21/2023	to	1/27/2023	<u>Value</u> 0.13 0.75	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 Average Daily Target Flow						1289 1307 18 1286 1304	cfs	
		TTFF for	mula coeffici	ents				
WCA-3A Average Stage (β1)	NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)		recipitation (β4)	Fo	recast PET (β5)	Regulation Schedule Stage (β6)	

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

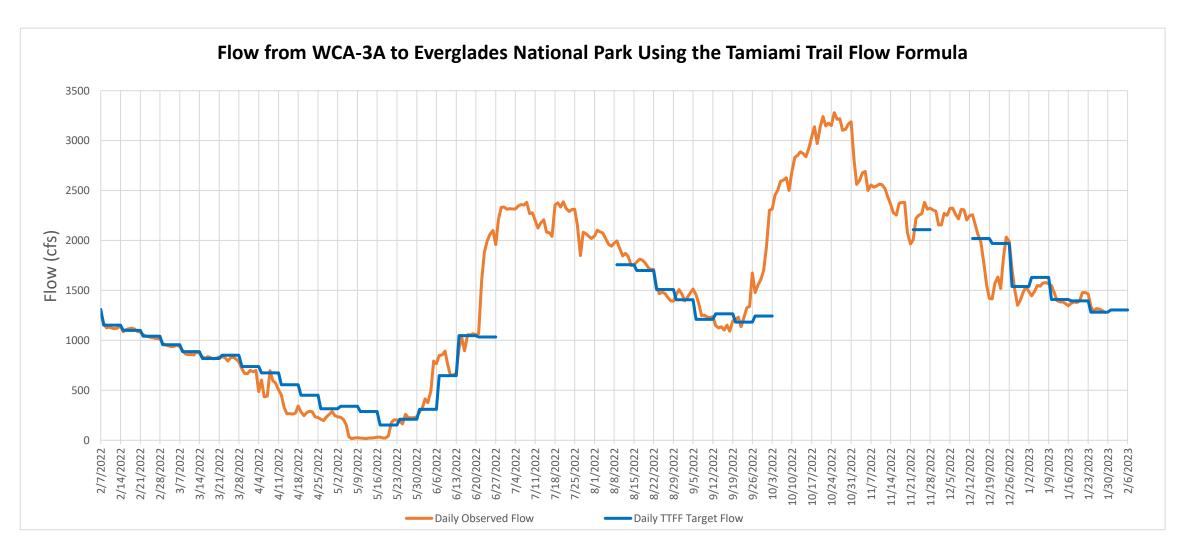
-96.31

-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.

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