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

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Daily Target	Flow for			5/18/2021	to	5/24/2021	591	cfs
Observed Stage I	Data							
Station WCA-3A (Average for Sit NESRS2 Regulatory Stage WCA-3	te 63, 64 and 65)	Variable Average Daily Stage Average Daily Stage Average Daily Stage			on	5/14/2021	7.34	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		Variable 7-day Average Daily Flow	From	5/8/2021	to	5/14/2021	0 39 0 444 0 39	cfs cfs cfs cfs cfs
Meteorological D	Data							
Forecasted WCA3 7-day Quantitative Precipitation Forecast (QPF) 3AS3WX - 7-day Total Forecasted PET			From	5/14/2021	to	5/20/2021	<u>Value</u> 0.78 1.26	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	5/8/2021	to	5/14/2021	<u>Value</u> 0.65 1.26	in
		TTFF Ap	plicati	on				
 Previous week target flow (calculated with forecasted 7-day QPF at a Previous week target flow (recalculated with observed rainfall and Adjustment for forecast (2-1) This week calculated target flow This week target flow with adjustment (3 + 4) Average Daily Target Flow ²							627 650 23 568 591	cfs cfs cfs cfs
		TTFF formu	la coefficien	ts				
VCA-3A Average Stage (β1) NESRS2 Stage (β2)		Previous 7-day Average Flow (β3)	ige Flow (β3) Forecast Precipitation (β4)		Forecast PET (β5)		Regulation Schedule Stage (β6	
219.42		0.644	24.22		t			221.70

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

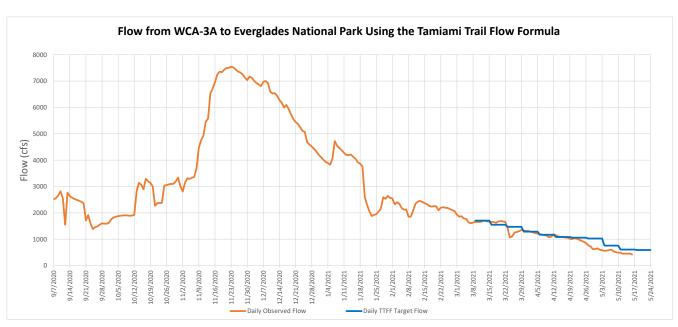
24.32

-96.31

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.