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

Daily Target Flow for			5/17/2022	to	5/23/2022	153	cfs
Observed Stage Data							
Observed Stage Data	Mandalala				5 /4 2 /2 02 2	\	11
Station (1987)	<u>Variable</u>			on	5/13/2022	<u>Value</u>	
WCA-3A (Average for Site 63, 64 and 65)	Average Daily Stage						ft-NGVD29
NESRS2 Regulatory Stage WCA-3A	Average Daily Stage Average Daily Stage						ft-NGVD29
Regulatory Stage WCA-SA	Average Daily Stage					9.02	ft-NGVD29
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	5/7/2022	to	5/13/2022	<u>Value</u>	<u>Unit</u>
S-12A	7-day Average Daily Flow					0	cfs
S-12B	7-day Average Daily Flow					0	cfs
S-12C	7-day Average Daily Flow					5	cfs
S-12D	7-day Average Daily Flow					16	cfs
S-333	7-day Average Daily Flow					0	
S-333N	7-day Average Daily Flow						cfs
S-334	7-day Average Daily Flow						cfs
S-12s Total	7-day Average Daily Flow					21	cfs
S333 + S333N - S334 <sup>1</sup>	7-day Average Daily Flow					0	cfs
Total Flow to ENP	7-day Average Daily Flow					21	cfs
Meteorological Data							
Forecasted		From	5/14/2022	to	5/20/2022	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)						0.98	in
3AS3WX - 7-day Total Forecasted PET	, ,					1.43	in
Observed		From	5/7/2022	to	5/13/2022	Value	Unit
		FIOIII	5///2022	ιο	3/13/2022		
WCA-3 7-day Total Observed NEXRAD Rainfall						0.88	
3AS3WX 7-day Total Observed PET						1.43	ın
	TTFF A	pplication	on				
Previous week target flow (calculated with forecasted 7-day QPF and PET)						281	cfs
2 Previous week target flow (red	2 Previous week target flow (recalculated with observed rainfall and PET)					271	cfs
3 Adjustment for forecast (2-1)	Adjustment for forecast (2-1)					-10	cfs
4 This week calculated target flow						163	cfs
5 This week target flow with adj	5 This week target flow with adjustment (3 + 4)					153	cfs
Average Daily Target Flow <sup>2</sup>						153	

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.

Forecast Precipitation (β4)

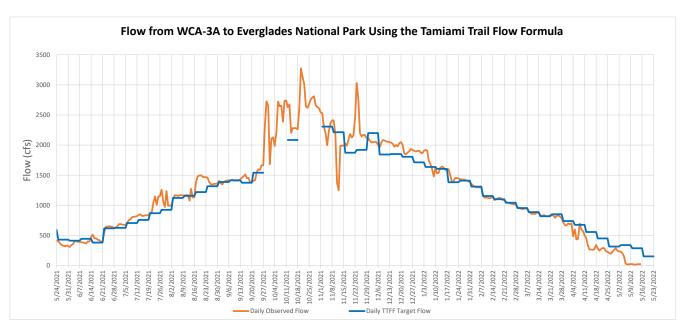
Forecast PET (β5)

Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



<sup>&</sup>lt;sup>1</sup>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.

<sup>&</sup>lt;sup>2</sup>Actual discharges may vary from target discharges because of changing hydrologic conditions.