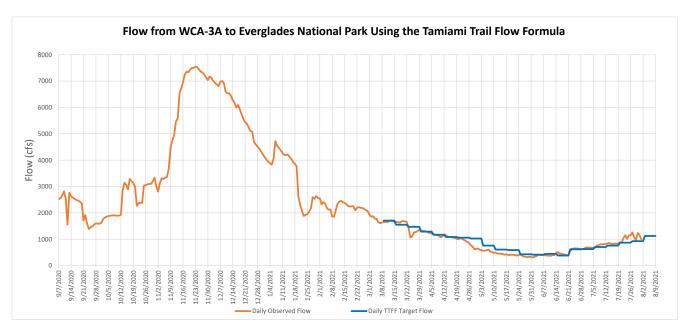
## Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

raimami man mow	Tormala (TTT)	iai	getilo	vv		A JA	to Livi
Daily Target Flow for			8/3/2021	to	8/9/2021	1123	cfs
Observed Stage Date							
Observed Stage Data	V + 11				= /0.0 /0.00 /		
Station (Silver Sales Less)	<u>Variable</u>			on	7/30/2021	<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 ft-NGVD29
, ,	Average Daily Stage					9.09	II-NGVD29
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	7/24/2021	to	7/30/2021	<u>Value</u>	<u>Unit</u>
S-12A	7-day Average Daily Flow					0	cfs
S-12B	7-day Average Daily Flow						cfs
S-12C	7-day Average Daily Flow						cfs
S-12D	7-day Average Daily Flow						cfs
S-333	7-day Average Daily Flow						cfs
S-333N	7-day Average Daily Flow						cfs
S-334	7-day Average Daily Flow						cfs
S-12s Total	7-day Average Daily Flow						cfs
S333 + S333N - S334 <sup>1</sup>	7-day Average Daily Flow						cfs
Total Flow to ENP	7-day Average Daily Flow					1120	cts
Meteorological Data							
<u>Forecasted</u>		From	7/31/2021	to	8/6/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)						1.93	in
3AS3WX - 7-day Total Forecasted PET						1.02	in
Observed		From	7/24/2021	to	7/30/2021	Value	Unit
WCA-3 7-day Total Observed NEXRAD Rainfal	II					1.87	
3AS3WX 7-day Total Observed PET						1.02	
TTFF Application							
Previous week target flow (calculated with forecasted 7-day QPF and PET)					963	cfs	
2 Previous week target flow (recalculated with observed rainfall and PET)					957	cfs	
3 Adjustment for forecast (2-1)						-6	cfs
4 This week calculated target flow						1129	cfs
5 This week target flow with adjustment (3 + 4)						1123	cfs
Average Daily Target Flow <sup>2</sup>						1123	cfs
TTFF formula coefficients							
WCA-3A Average Stage (β1) NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	Forecast Pi	recipitation (β4)	Fo	recast PET (β5)	Regulation	Schedule Stage (

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.

318.42



 $<sup>^{1}</sup>$ 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.