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

Daily Target Flow for			8/16/2022	to	8/22/2022	1700	cfs
Observed Stage Data							
	Mawiahla				0/42/2022	Malua	l lmis
Station (Section 1997)	<u>Variable</u>			on	8/12/2022	<u>Value</u>	
WCA-3A (Average for Site 63, 64 and 65) NESRS2	Average Daily Stage Average Daily Stage						ft-NGVD29 ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage  Average Daily Stage						ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage					9.90	II-NGVD29
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	8/6/2022	to	8/12/2022	<u>Value</u>	<u>Unit</u>
5-12A	7-day Average Daily Flow					48	cfs
S-12B	7-day Average Daily Flow					50	cfs
S-12C	7-day Average Daily Flow					277	cfs
S-12D	7-day Average Daily Flow					420	
S-333	7-day Average Daily Flow					540	
S-333N	7-day Average Daily Flow					593	
S-334	7-day Average Daily Flow						cfs
S-12s Total	7-day Average Daily Flow					795	cfs
S333 + S333N - S334 <sup>1</sup>	7-day Average Daily Flow					1133	cfs
Total Flow to ENP	7-day Average Daily Flow					1929	cfs
Meteorological Data							
<u>Forecasted</u>		From	8/13/2022	to	8/19/2022	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)						3.05	in
3AS3WX - 7-day Total Forecasted PET						1.24	in
Observed		From	8/6/2022	to	8/12/2022	Value	Unit
WCA-3 7-day Total Observed NEXRAD Rainfall						0.31	in
3AS3WX 7-day Total Observed PET						1.24	in
	<b></b>						
	TTFF Ap	-					
1 Previous week target flow (calculated with forecasted 7-day QPF and PET)					1757		
	, , , , , , , , , , , , , , , , , , , ,					1765	
3 Adjustment for forecast (2-1)							cfs
9						1692	
5 This week target flow with adjustment (3 + 4)						1700	
Average Daily Target Flow <sup>2</sup>						1700	cfs
TTFF formula coefficients							

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)

24.32

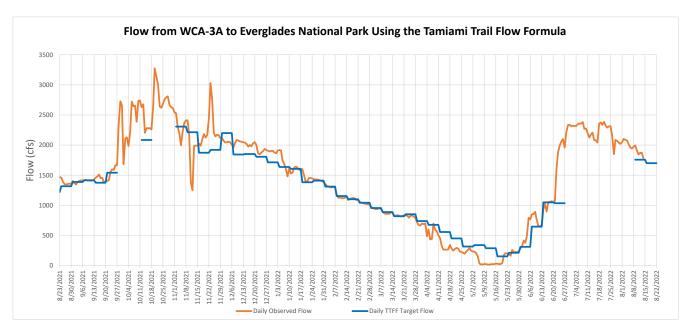
Forecast PET (β5)

Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



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