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

Daily Target Flow for			7/12/2022	to	7/18/2022	MAX	cfs
Observed Stage Data Station	Variable			on	7/8/2022	Value	Unit
WCA-3A (Average for Site 63, 64 and 65) NESRS2	Average Daily Stage Average Daily Stage				1,0,00	10.07	ft-NGVD29 ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage						ft-NGVD29
<b>Observed Flow Data</b>							
Station	<u>Variable</u>	From	7/2/2022	to	7/8/2022	<u>Value</u>	
S-12A S-12B	7-day Average Daily Flow					0	cfs cfs
S-12C	7-day Average Daily Flow 7-day Average Daily Flow					333	
S-12D	7-day Average Daily Flow					629	cfs
S-333	7-day Average Daily Flow					655	cfs
S-333N	7-day Average Daily Flow					725	cfs
S-334	7-day Average Daily Flow					0	cfs
S-12s Total	7-day Average Daily Flow					962	cfs
S333 + S333N - S334 <sup>1</sup>	7-day Average Daily Flow					1380	cfs
Total Flow to ENP	7-day Average Daily Flow					2342	cfs
Meteorological Data							
<u>Forecasted</u>		From	7/9/2022	to	7/15/2022	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)						1.29	in
3AS3WX - 7-day Total Forecasted PET						1.27	in
<u>Observed</u>		From	7/2/2022	to	7/8/2022	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfall						1.23	in
3AS3WX 7-day Total Observed PET						1.27	in
TTFF Application							
1 Previous week target flow (calculated with forecasted 7-day QPF and PET)						MAX	cfs
2 Previous week target flow (recalculated with observed rainfall and PET)						MAX	cfs
3 Adjustment for forecast (2-1)						0	cfs
4 This week calculated target flow						MAX	cfs
5 This week target flow with adjustment (3 + 4)					MAX	cfs	
Average Daily Target Flow <sup>2</sup>					MAX	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

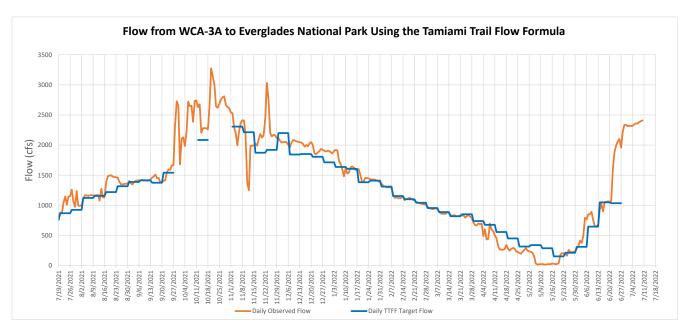
Forecast PET (β5)

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.