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

Daily Target Flow for			8/23/2022	to	8/29/2022	1509	cfs
Observed Stage Data							
Station WCA-3A (Average for Site 63, 64 and 65) NESRS2	<u>Variable</u> Average Daily Stage Average Daily Stage Average Daily Stage			on	8/19/2022	8.03	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow Data							
S-12C S-12D S-333 S-333N S-334 S-12s Total S333 + S333N - S334 <sup>1</sup> Total Flow to ENP	Variable 7-day Average Daily Flow	From	8/13/2022	to	8/19/2022	0 264 369 547 609	cfs
Meteorological Data							
Forecasted WCA3 7-day Quantitative Precipitation Forecast 3AS3WX - 7-day Total Forecasted PET	: (QPF)	From	8/20/2022	to	8/26/2022	<u>Value</u> 2.04 1.17	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET		From	8/13/2022	to	8/19/2022	<u>Value</u> 1.07 1.17	in
TTFF Application							
<ol> <li>Previous week target flow (calculated)</li> <li>Previous week target flow (recald)</li> <li>Adjustment for forecast (2-1)</li> <li>This week calculated target flow</li> <li>This week target flow with adjust</li> </ol> Average Daily Target Flow <sup>2</sup>	culated with observed rainfall an		)			1692 1651 -41 1550 1509	cfs cfs cfs cfs
TTFF formula coefficients							

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.

Forecast Precipitation (β4)

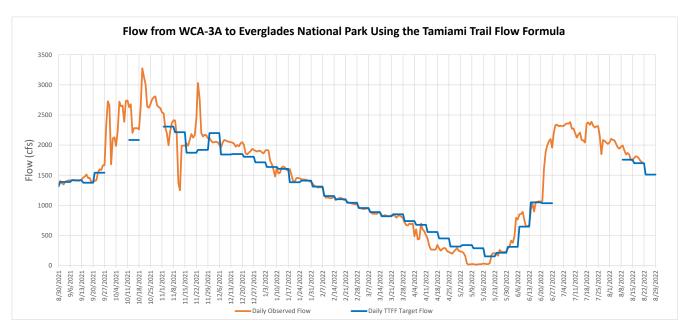
Forecast PET (β5)

Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



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