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

Daily Target Flow for				3/8/2022	to	3/14/2022	888	cfs
Observed Stage Data								
Station WCA-3A (Average for Site 63, 64 and 65) NESRS2 Regulatory Stage WCA-3A		<u>Variable</u> Average Daily Stage Average Daily Stage Average Daily Stage			on	3/4/2022	7.78	<u>Unit</u> ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow Data								
Station S-12A S-12B S-12C S-12D S-333 S-333N S-334 S-12s Total S333 + S333N - S334 ¹ Total Flow to ENP Meteorological C Forecasted	Data	Variable 7-day Average Daily Flow 7-day Average Daily Flow	From	2/26/2022	to	3/4/2022 3/10/2022	0 0 289 338 353	cfs cfs cfs cfs cfs cfs cfs cfs cfs cfs
WCA3 7-day Quantitative Precipitation Forecast (QPF) 3AS3WX - 7-day Total Forecasted PET							0.16 1.06	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET			From	2/26/2022	to	3/4/2022	<u>Value</u> 0.12 1.06	in
TTFF Application								
1 Previous week target flow (calculated with forecasted 7-day QPF and PET) 2 Previous week target flow (recalculated with observed rainfall and PET) 3 Adjustment for forecast (2-1) 4 This week calculated target flow 5 This week target flow with adjustment (3 + 4) TTFE formula coefficients							966 964 -2 890 888 888	cfs cfs cfs cfs
WCA-3A Average Stage (β1)							Regulation	Schedule Stage (β6)
318.42	-44.62	0.644		24.32		-96.31		

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.

¹S-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.

²Actual discharges may vary from target discharges because of changing hydrologic conditions.

