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

Daily Target Flow for			2/23/2021	to	3/1/2021	MAX	cfs
Observed Stage Data							
Station WCA-3A (Average for Site 63, 64 and 65) NESRS2 Regulatory Stage WCA-3A	Variable Average Daily Stage Average Daily Stage Stage			on	2/19/2021	8.04	Unit 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 Total Flow to ENP Meteorological Data Forecasted WCA3 7-day Quantitative Precipitation Forecast	Variable 7-day Average Daily Flow	From	2/13/2021	to	2/19/2021	Value 0 0 331 644 699 657 0 975 1355 2331 <u>Value</u> 0.21	cfs
3AS3WX - 7-day Total Forecasted PET		F	2/12/2021		2/10/2021	0.94	
Observed WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET		From	2/13/2021	to	2/19/2021	<u>Value</u> 0.40 0.94	in
TTFF Application							
Previous week target flow (calculated with forecasted 7-day QPF and PET) Previous week target flow (recalculated with observed rainfall and PET) Adjustment for forecast (2-1) This week calculated target flow This week target flow with adjustment (3 + 4) Average Daily Target Flow Previous week target flow (recalculated with observed rainfall and PET) Adjustment for forecast (2-1) This week target flow Average Daily Target Flow					MAX MAX 0 MAX MAX	cfs cfs cfs cfs	

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.

TTFF formula coefficients

Forecast Precipitation (β4)

24.32

Forecast PET (β5)

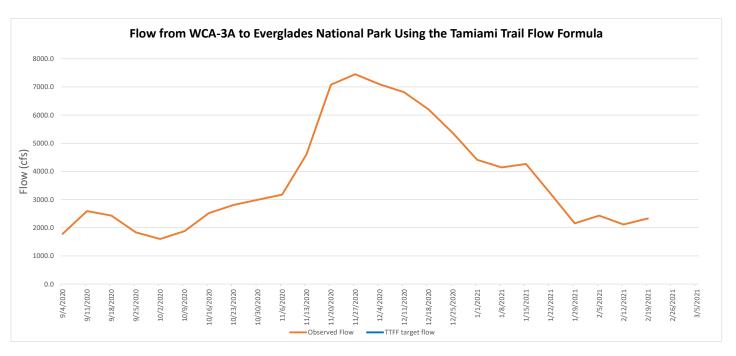
Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

0 644

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



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.