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

Daily Target Flow for			4/6/2021	to	4/12/2021	1168	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 Average Daily Stage			on	4/2/2021	7.84	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow Data							
<u>Station</u> 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	Variable 7-day Average Daily Flow	From	3/27/2021	to	4/2/2021	Value 0 0 0 290 414 606 0 290 1020	cfs
Meteorological Data							
WCA3 7-day Quantitative Precipitation Forecast (QPF) 3AS3WX - 7-day Total Forecasted PET		From	4/2/2021	to	4/8/2021	0.02 1.29	in in
Observed WCA-3 7-day Total Observed NEXRAD Rainfal 3AS3WX 7-day Total Observed PET	I	From	3/27/2021	to	4/2/2021	<u>Value</u> 0.12 1.29	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)						1291 1279 -12 1180 1168	cfs cfs cfs cfs
Average Daily Target Flow ² TTFF formula coefficients							cfs
FIFF IOTHING CONTINUENTS							

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)

24 32

Forecast PET (β5)

-96 31

Regulation Schedule Stage (β6)

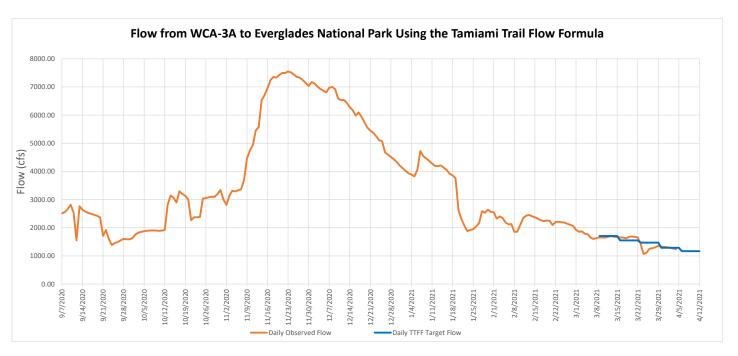
-221 79

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.