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

Daily Target Flow for			3/2/2021	to	3/8/2021	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 Average Daily Stage			on	2/26/2021	8.03	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	Variable 7-day Average Daily Flow	From	2/20/2021	to	2/26/2021	Value 0 0 305 590 631 657 0 895 1288 2183	cfs
Meteorological Data Forecasted		From	2/26/2021	to	3/4/2021	<u>Value</u>	Unit
WCA3 7-day Quantitative Precipitation Foreca 3AS3WX - 7-day Total Forecasted PET	ast (QPF)	110111	2,20,2021	ιο	3/4/2021	0.07 1.01	in
Observed WCA-3 7-day Total Observed NEXRAD Rainfal 3AS3WX 7-day Total Observed PET	I	From	2/20/2021	to	2/26/2021	<u>Value</u> 0.14 1.01	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)					MAX MAX 0 MAX MAX	cfs cfs cfs	
Average Daily Target Flow ²					MAX	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)

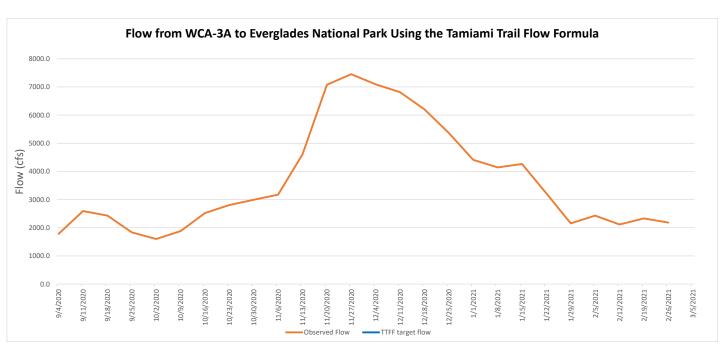
-221 79

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.