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

Daily Target Flow for			12/21/2021	to	12/27/2021	1806	cfs
Observed Stage Data							
	Variable				12/17/2021	Value	Linit
Station Station	<u>Variable</u>			on	12/17/2021	<u>Value</u>	
WCA-3A (Average for Site 63, 64 and 65) NESRS2	Average Daily Stage Average Daily Stage						ft-NGVD29 ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage Average Daily Stage						ft-NGVD29
, ,	Average Daily Stage					10.50	11-1101023
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	12/11/2021	to	12/17/2021	<u>Value</u>	<u>Unit</u>
G-12A	7-day Average Daily Flow					0	cfs
S-12B	7-day Average Daily Flow					0	cfs
S-12C	7-day Average Daily Flow					0	cfs
S-12D	7-day Average Daily Flow					703	
5-333	7-day Average Daily Flow					660	
5-333N	7-day Average Daily Flow					666	
5-334	7-day Average Daily Flow						cfs
5-12s Total	7-day Average Daily Flow					703	cfs
S333 + S333N - S334 ¹	7-day Average Daily Flow					1326	cfs
Total Flow to ENP	7-day Average Daily Flow					2029	cfs
Meteorological Data							
<u>Forecasted</u>		From	12/18/2021	to	12/24/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Foreca	ast (QPF)					0.45	in
BAS3WX - 7-day Total Forecasted PET						0.76	in
Observed		From	12/11/2021	to	12/17/2021	Value	Unit
NCA-3 7-day Total Observed NEXRAD Rainfa	I		,,		,,	0.10	
BAS3WX 7-day Total Observed PET						0.76	
JASSAWA / day rotal observed E.						0.70	
	TTFF Ap	plicati	on				
Previous week target flow (calculated with forecasted 7-day QPF and PET)						1837	cfs
2 Previous week target flow (rec	Previous week target flow (recalculated with observed rainfall and PET)					1837	cfs
3 Adjustment for forecast (2-1)	Adjustment for forecast (2-1)					0	cfs
4 This week calculated target flo	4 This week calculated target flow					1806	cfs
5 This week target flow with adjustment (3 + 4)						1806	cfs
Average Daily Target Flow ²					1806	cfs	
	TTFF formula	coefficien	its				

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

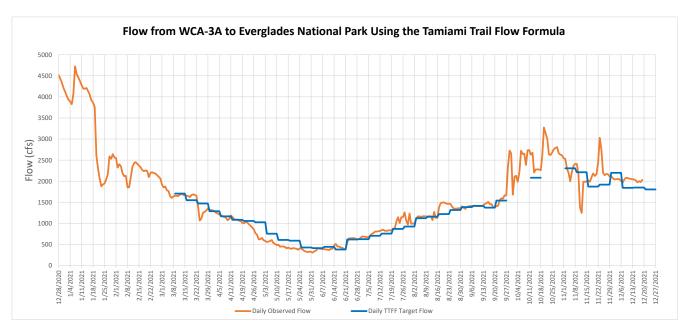
Forecast PET (β5)

Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



 $^{^{1}}$ 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.

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