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

Daily Target Flow for			7/27/2021	to	8/2/2021	925	cfs
Observed Stage Data							
Observed Stage Data	Versielele				7/22/2024	Value	11
Station Station	<u>Variable</u>			on	7/23/2021	<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					5.05	11-1101029
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	7/17/2021	to	7/23/2021	<u>Value</u>	<u>Unit</u>
5-12A	7-day Average Daily Flow					0	cfs
5-12B	7-day Average Daily Flow						cfs
5-12C	7-day Average Daily Flow						cfs
5-12D	7-day Average Daily Flow						cfs
S-333	7-day Average Daily Flow						cfs
S-333N	7-day Average Daily Flow						cfs
5-334 5-12s Total	7-day Average Daily Flow 7-day Average Daily Flow						cfs cfs
5333 + S333N - S334 ¹	· ·						
5333 + 5333N - 5334 Total Flow to ENP	7-day Average Daily Flow					649	cfs
	7-day Average Daily Flow					923	cfs
Meteorological Data							
<u>Forecasted</u>		From	7/24/2021	to	7/30/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Foreca	ast (QPF)					2.71	in
3AS3WX - 7-day Total Forecasted PET						1.17	in
<u>Observed</u>		From	7/17/2021	to	7/23/2021	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfal	II					1.08	in
3AS3WX 7-day Total Observed PET						1.17	in
	TTFF Ap	nlicati	on				
Previous week target flow (calc	· · · · · · · · · · · · · · · · · · ·	•				874	cfc
 Previous week target flow (calculated with forecasted 7-day QPF and PET) Previous week target flow (recalculated with observed rainfall and PET) 						836	
3 Adjustment for forecast (2-1)							cfs
4 This week calculated target flow						963	
5 This week target flow with adjustment (3 + 4)						925	
Average Daily Target Flow ²						925	
<u> </u>	TTFF formul	ffis!	+-				

Target flow is distributed from east to west (S-333, S-12D, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

Forecast Precipitation (β4)

24.32

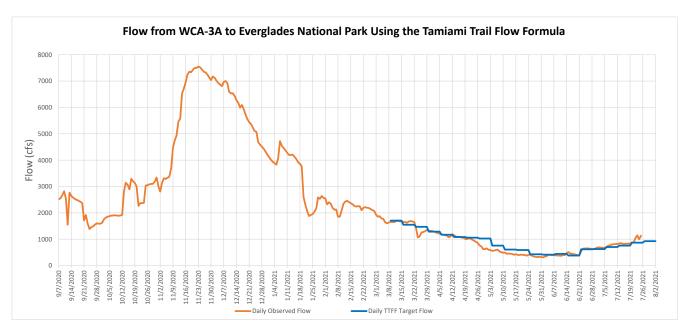
Forecast PET (β5)

Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



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.