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

Daily Target Flow for			6/28/2022	to	7/4/2022	MAX	cfs
Observed Stage Data							
_	Variable				C /2 4 /2022	Value	l loit
Station WGA 3A (Average for Site 63, 64 and 65)	Variable			on	6/24/2022	<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						ft-NGVD29
	riverage bany stage					3.00	
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	6/18/2022	to	6/24/2022	<u>Value</u>	<u>Unit</u>
S-12A	7-day Average Daily Flow					0	cfs
S-12B	7-day Average Daily Flow						cfs
S-12C	7-day Average Daily Flow						cfs
S-12D	7-day Average Daily Flow					202	
S-333	7-day Average Daily Flow					1060	
S-333N	7-day Average Daily Flow						cfs
S-334 S-12s Total	7-day Average Daily Flow 7-day Average Daily Flow					299	cfs
S333 + S333N - S334 ¹	, , ,						
Total Flow to ENP	7-day Average Daily Flow					1091 1390	
	7-day Average Daily Flow					1390	CIS
Meteorological Data							
<u>Forecasted</u>		From	6/25/2022	to	7/1/2022	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)						1.85	in
3AS3WX - 7-day Total Forecasted PET						1.25	in
Observed		From	6/18/2022	to	6/24/2022	Value	Unit
WCA-3 7-day Total Observed NEXRAD Rainfall			, ,			1.21	
3AS3WX 7-day Total Observed PET						1.25	
TTFF Application							
Previous week target flow (calculated with forecasted 7-day QPF and PET)						1047	cfs
2 Previous week target flow (reca	Previous week target flow (recalculated with observed rainfall and PET)					1038	cfs
3 Adjustment for forecast (2-1)	· · ·					-9	cfs
4 This week calculated target flow						MAX	cfs
5 This week target flow with adjustment (3 + 4)						MAX	cfs
Average Daily Target Flow ²						MAX	cfs
TTFF formula coefficients							

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)

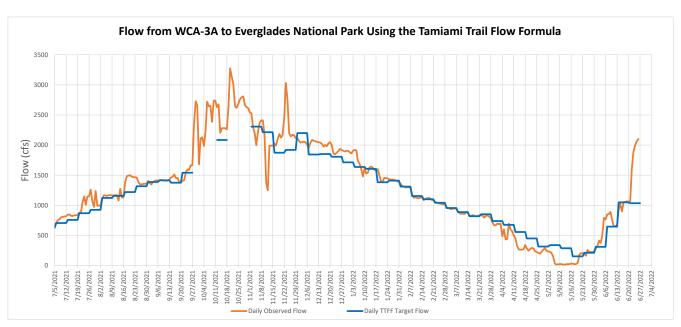
Forecast PET (β5)

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.