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

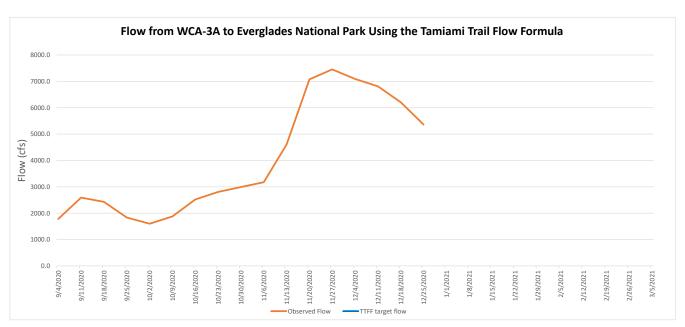
Daily Targe	t Flow for			12/29/2020	to	1/4/2021	MAX	cfs
Observed Stage	Data							
Station		Variable			on	12/25/2020		Unit
VCA-3A (Average for S	Site 63, 64 and 65)	Average Daily Stage				12, 20, 2022	11.82	ft-NGVD29
NESRS2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Average Daily Stage						ft-NGVD29
Regulatory Stage WCA	-3A	Stage					10.50	ft-NGVD29
Observed Flow	Data							
Station_		<u>Variable</u>	From	12/19/2020	to	12/25/2020	<u>Value</u>	<u>Unit</u>
i-12A		7-day Average Daily Flow					917	
S-12B		7-day Average Daily Flow					885	
S-12C		7-day Average Daily Flow					1491	
S-12D		7-day Average Daily Flow					2058	
S-333 S-333N		7-day Average Daily Flow					348 N/A	
5-333N S-334		7-day Average Daily Flow 7-day Average Daily Flow					337	
5-334 S-12s Total		7-day Average Daily Flow					5351	
333 + S333N - S334 <sup>1</sup>		7-day Average Daily Flow						cfs
otal Flow to ENP		7-day Average Daily Flow					5363	
	Data	7 day Average bany How					3303	CIS
Meteorological Forecasted	Data						Value	Unit
WCA3 7-day Quantitative Precipitation Forecast (QPF)			From	12/25/2020	to	12/31/2020	0.21	
3AS3WX - 7-day Total Forecasted PET		t (QPF)	_	12/25/2020		1/1/2021		
SASSWX - 7-day Total Fo	recasted PET		From	12/26/2020	to	1/1/2021	0.77	ın
<u>Observed</u>			From	12/19/2020	to	12/25/2020	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfall							0.16	in
3AS3WX 7-day Total Observed PET							0.77	in
		TTFF Ap	plicati	on				
Previous week target flow (calculated with forecasted 7-day QPF and PET)							MAX	cfs
2 Previous week target flow (recalculated with observed rainfall ar			and PET)				MAX	cfs
3 Adjustmen	Adjustment for forecast (2-1)						0	cfs
4 This week o	This week calculated target flow						MAX	cfs
5 This week target flow with adjustment (3 + 4)							MAX	cfs
Average Daily Target F					MAX	cfs		
		TTFF formul	la coefficier	nts				
NCA-3A Average Stage (β1)	NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	Forecast P	Forecast Precipitation (β4)		orecast PET (β5)	Regulation Schedule Stage (β	
210 //2	44.62	0.644		24 22		06 21		221 70

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

-96.31

-221.79

318.42



 $<sup>^{1}</sup>$ 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.

<sup>&</sup>lt;sup>2</sup>Actual discharges may vary from target discharges because of changing hydrologic conditions.