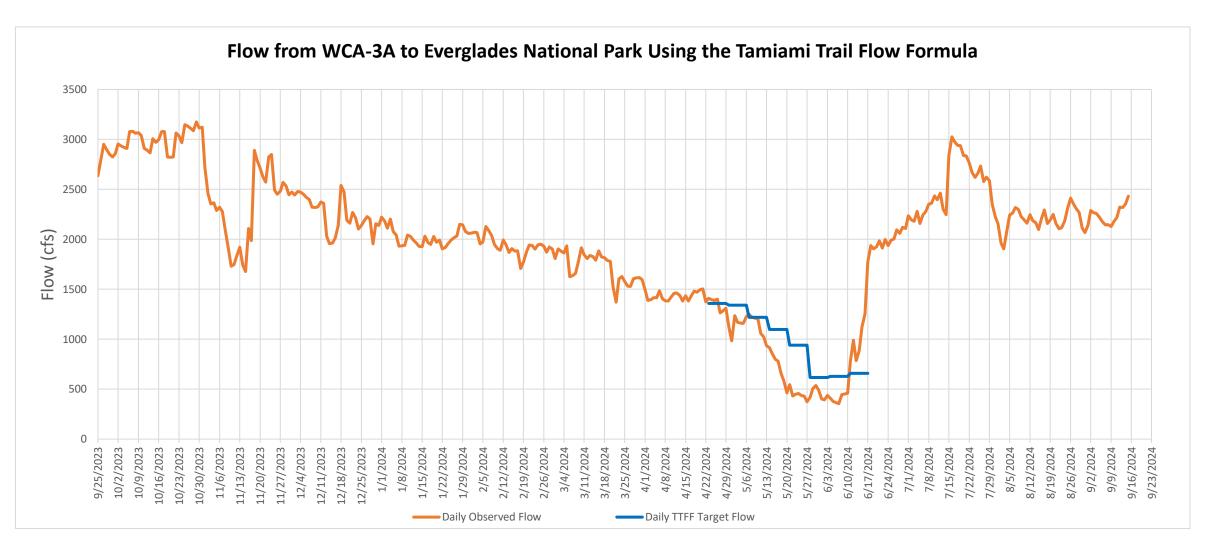
Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

		-						
Daily Target Fl	low for			9/17/2024	to	9/23/2024	MAX	cfs
Observed Stage Da	ata							
Station	ata	Variable			on	9/13/2024	Value	<u>Unit</u>
WCA-3A (Average for Site 63, 64 and 65)		Average Daily Stage			OII	3/13/2024	10.95	ft-NGVD29
IESRS2	03, 01 and 03,	Average Daily Stage					8.40	ft-NGVD29
Regulatory Stage WCA-3A		Average Daily Stage					10.19	ft-NGVD29
Observed Flow Da	ata							
Station_		Variable	From	9/7/2024	to	9/13/2024	<u>Value</u>	Unit
S-12A		7-day Average Daily Flow					416	cfs
S-12B		7-day Average Daily Flow					284	cfs
S-12C		7-day Average Daily Flow					614	cfs
S-12D		7-day Average Daily Flow					877	cfs
S-333		7-day Average Daily Flow					9	cfs
S-333N		7-day Average Daily Flow					9	cfs
S-334		7-day Average Daily Flow					0	cfs
S-12s Total		7-day Average Daily Flow					2190	
5333 + S333N - S334 ¹		7-day Average Daily Flow					18	
Fotal Flow to ENP		7-day Average Daily Flow					2208	CTS
Meteorological Da	ata							
<u>Forecasted</u>			From	9/14/2024	to	9/20/2024	<u>Value</u>	<u>Unit</u>
VCA3 7-day Quantitative Pro	ecipitation Forecas	st (QPF)					2.43	in
BAS3WX - 7-day Total Foreca	asted PET						1.12	in
Observed			From	9/7/2024	to	9/13/2024	Value	Unit
WCA-3 7-day Total Observed	d NEXRAD Rainfall						3.43	<u> </u>
BAS3WX 7-day Total Observ							1.12	in
,								
		TTFF	Applicati	on				
1 Previous week target flow (calculated with forecasted 7-day QPF and PET)						MAX		
2 Previous week target flow (recalculated with observed rainfall and PET)							MAX	
3 Adjustment for forecast (2-1)						0	cfs	
4 This week calculated target flow						MAX		
5 This week target flow with adjustment (3 + 4)							MAX	
Average Daily Target Flow ²							MAX	cfs
		TTFF f	ormula coefficien	its			1	
NCA-3A Average Stage (β1)	NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	Forecast Precipitation (β4)		Forecast PET (β5)		Regulation Schedule Stage (β6)	
318.42	-44.62	0.644	24.32		-96.31		-221.79	

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.

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



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.