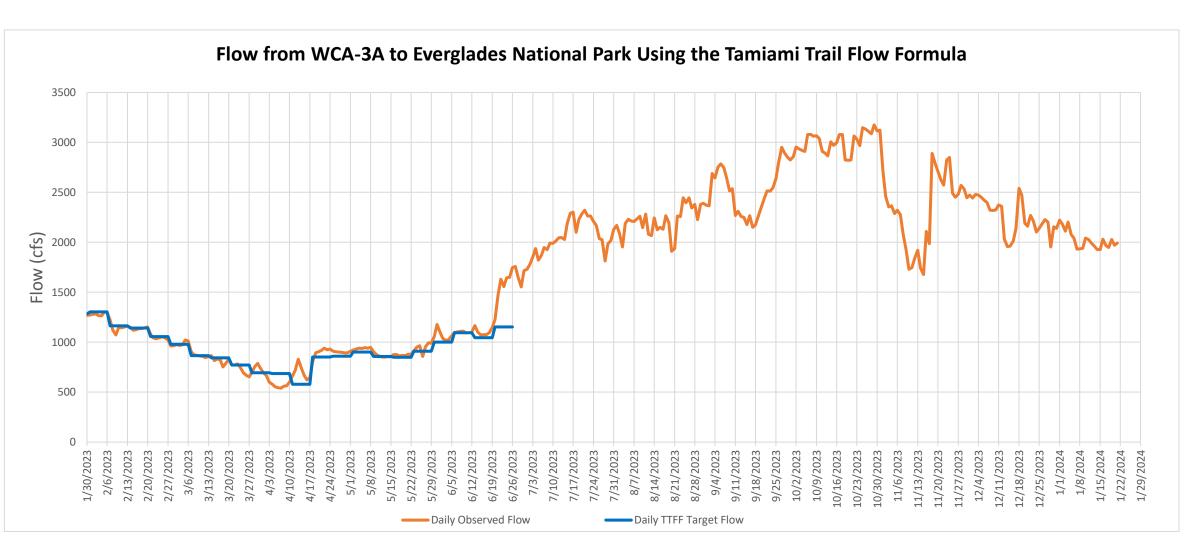
## Tamiami Trail Flow Formula (TTFF) - Target Flow from WCA-3A to ENP

Station					-	•			
Name	9/2024 <b>MAX cfs</b>	1/29/2024	to	1/23/2024			Flow for	Daily Target	
Variable							Data	Observed Stage	
NCA-3A (Average for Site 63, 64 and 65)   Average Daily Stage   10.71   17.05	a/2024 Value Unit	1/19/2024	on			Variable	Data	_	
Average Daily Stage   Average Daily Flow   Discrete	10.71 ft-NGVD29	1/13/2024	011				ite 63, 64 and 65)		
Promote   Prom	8.05 ft-NGVD29						55, 5 . 4.1.4 55,	·	
Variable	10.37 ft-NGVD29						-3A	Regulatory Stage WCA-	
121A							Data	Observed Flow	
2-12B	9/2024 <u>Value</u> <u>Unit</u>	1/19/2024	to	1/13/2024	From	<u>Variable</u>		<u>Station</u>	
-12C 7-day Average Daily Flow 118 cfs -333 7-day Average Daily Flow 118 cfs -334 7-day Average Daily Flow 118 cfs -334 7-day Average Daily Flow 0 cfs -12s Total 7-day Average Daily Flow 117-to 5c -12s Total 7-day Average Daily Flow 117-to 5c -12s Total 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow to ENP 7-day Average Daily Flow 117-to 6c -12s Total Flow Flow Total Flow Flow Total Flow Flow Flow Flow Flow Flow Flow Flo	267 cfs					7-day Average Daily Flow		-12A	
12D	217 cfs					7-day Average Daily Flow		-12B	
1333   7-day Average Daily Flow   137   Cfs   1334   134	480 cfs					7-day Average Daily Flow		-12C	
7-day Average Daily Flow 118 cfs 133 A 7-day Average Daily Flow 0 cfs 133 A 7-day Average Daily Flow 1715 cfs 1725 Total 7-day Average Daily Flow 1715 cfs 1725 Total 7-day Average Daily Flow 1797 cfs 1726 Total Flow to ENP 7-day Average Daily Flow 1997 cfs  Meteorological Data  From 1/20/2024 to 1/26/2024 Value Uni AVCA3 7-day Quantitative Precipitation Forecast (QPF) 0.20 in 1ASSWX -7-day Total Forecasted PET 0.49 in 1ASSWX -7-day Total Observed NEXRAD Rainfall 0.49 in 1ASSWX -7-day Total Observed NEXRAD Rainfall 0.49 in 1ASSWX -7-day Total Observed PET 0.49 in 1ASSWX -7-day Total Observed PET 0.49 in 1ASSWX -7-day Total Observed PET 0.49 in 1ASSWX -7-day Total Observed NEXRAD Rainfall 0.49 in 1ASSWX -7-day Total Observed NEXRAD Rainfall 0.49 in 1ASSWX -7-day Total Observed PET 0.49 in 1ASSWX -7-day Tota	751 cfs					7-day Average Daily Flow		5-12D	
From 1/20/2024 to 1/26/2024 Value United States of State						, ,			
TIFF formula coefficients  1715 cfs									
7-day Average Daily Flow 1971 of solution of ENP 7-day Average Daily Flow 1971 of solution of ENP 7-day Average Daily Flow 1971 of solution of ENP 7-day Average Daily Flow 1971 of solution of English From 1/20/2024 to 1/26/2024 Value United NCA3 7-day Quantitative Precipitation Forecast (QPF) 0.20 in 1/253WX - 7-day Total Forecasted PET 0.49 in 1/253WX - 7-day Total Observed NEXRAD Rainfall AAS3WX 7-day Total Observed NEXRAD Rainfall AAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to 1/19/2024 Value United NAS3WX 7-day Total Observed PET 1/13/2024 to						, ,			
TTFF Application  Previous week target flow (calculated with observed rainfall and PET)  Adjustment for forecast (2-1)  Adjustment flow with adjustment (3 + 4)  Adjustment Flow <sup>2</sup> TIFF formula coefficients  TIFF formula coefficients	1715 cfs					7-day Average Daily Flow		•	
Meteorological Data Forecasted  NCA3 7-day Quantitative Precipitation Forecast (QPF)  NCA3 7-day Total Forecasted PET  NCA-3 7-day Total Forecasted PET  NCA-3 7-day Total Observed  NCA-3 7-day Total Observed NEXRAD Rainfall  NCA-3 7-day Total Observed PET  NCA-3 7-day Total Observed PE						7-day Average Daily Flow		333 + S333N - S334 <sup>1</sup>	
Forecasted  NCA3 7-day Quantitative Precipitation Forecast (QPF)  NCA3 7-day Total Forecasted PET  Observed  NCA-3 7-day Total Observed NEXRAD Rainfall  NCA-3 7-day Total Observed PET  TTFF Application  1 Previous week target flow (calculated with forecasted 7-day QPF and PET)  2 Previous week target flow (recalculated with observed rainfall and PET)  3 Adjustment for forecast (2-1)  4 This week calculated target flow  5 This week target flow with adjustment (3 + 4)  NCA-3 7-day Total Observed PET  TTFF formula coefficients	1971 cfs					7-day Average Daily Flow		Total Flow to ENP	
MCA3 7-day Quantitative Precipitation Forecast (QPF)  BAS3WX - 7-day Total Forecasted PET  Dbserved From 1/13/2024 to 1/19/2024 Value Uni MCA-3 7-day Total Observed NEXRAD Rainfall BAS3WX 7-day Total Observed PET  TTFF Application  1 Previous week target flow (calculated with forecasted 7-day QPF and PET)  2 Previous week target flow (recalculated with observed rainfall and PET)  3 Adjustment for forecast (2-1)  4 This week calculated target flow 5 This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients							Data	Meteorological	
ASSWX - 7-day Total Forecasted PET  Observed  NCA-3 7-day Total Observed NEXRAD Rainfall  ASSWX 7-day Total Observed PET  TTFF Application  1 Previous week target flow (calculated with forecasted 7-day QPF and PET)  2 Previous week target flow (recalculated with observed rainfall and PET)  3 Adjustment for forecast (2-1)  4 This week calculated target flow  5 This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TIFF formula coefficients	5/2024 <u>Value</u> <u>Unit</u>	1/26/2024	to	1/20/2024	From			-orecasted	
Dbserved  WCA-3 7-day Total Observed NEXRAD Rainfall  AKS3WX 7-day Total Observed PET  TTFF Application  Previous week target flow (calculated with forecasted 7-day QPF and PET)  Previous week target flow (recalculated with observed rainfall and PET)  Adjustment for forecast (2-1)  This week calculated target flow  THIS week target flow with adjustment (3 + 4)  THE formula coefficients  Walue  Uni  1/19/2024  MAX cfs	0.20 in					t (QPF)	Precipitation Forecas	VCA3 7-day Quantitative	
TTFF Application  1 Previous week target flow (calculated with forecasted 7-day QPF and PET)  2 Previous week target flow (recalculated with observed rainfall and PET)  3 Adjustment for forecast (2-1)  4 This week calculated target flow  5 This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients  0.64 in 0.49 in 0.49 in	0.49 in						recasted PET	AS3WX - 7-day Total Fo	
TTFF Application  1 Previous week target flow (calculated with forecasted 7-day QPF and PET)  2 Previous week target flow (recalculated with observed rainfall and PET)  3 Adjustment for forecast (2-1)  4 This week calculated target flow  5 This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients  0.64 in 0.49 in 0.49 in	9/2024 <u>Value</u> <u>Unit</u>	1/19/2024	to	1/13/2024	From			Observed	
TTFF Application  1 Previous week target flow (calculated with forecasted 7-day QPF and PET)  2 Previous week target flow (recalculated with observed rainfall and PET)  3 Adjustment for forecast (2-1)  4 This week calculated target flow  5 This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients	<u> </u>						rved NEXRAD Rainfall		
1 Previous week target flow (calculated with forecasted 7-day QPF and PET) 2 Previous week target flow (recalculated with observed rainfall and PET) 3 Adjustment for forecast (2-1) 4 This week calculated target flow 5 This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients  TTFF formula coefficients								•	
1 Previous week target flow (calculated with forecasted 7-day QPF and PET) 2 Previous week target flow (recalculated with observed rainfall and PET) 3 Adjustment for forecast (2-1) 4 This week calculated target flow 5 This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients  MAX cfs  TTFF formula coefficients				on	<b>Annlicati</b>	TTFF			
Previous week target flow (recalculated with observed rainfall and PET)  Adjustment for forecast (2-1)  This week calculated target flow  This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients	MAX cfc				• •		ek target flow (calcu	1 Previous wa	
3 Adjustment for forecast (2-1) 4 This week calculated target flow 5 This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients  TTFF formula coefficients					•	•			
This week calculated target flow This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients  TTFF formula coefficients									
This week target flow with adjustment (3 + 4)  Average Daily Target Flow  TTFF formula coefficients  TTFF formula coefficients						1	· · ·	•	
Average Daily Target Flow MAX cfs  TTFF formula coefficients									
TTFF formula coefficients									
	1777 013			to.	ormulo coefficiere	TTFF E			
	T (β5) Regulation Schedule Stage (β6	mula coefficients  Forecast Precipitation (β4)  Forecast PET (β5)							
				24.32					

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



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.

<sup>&</sup>lt;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.