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

Daily Target	t Flow for			4/26/2022	to	5/2/2022	316	cfs
Observed Stage	Data							
Station		Variable			on	4/22/2022	Value	Unit
NCA-3A (Average for S	ite 63. 64 and 65)	Average Daily Stage			• • • • • • • • • • • • • • • • • • • •	1, 22, 2322		ft-NGVD29
NESRS2	,	Average Daily Stage					7.14	
Regulatory Stage WCA-	-3A	Average Daily Stage					9.76	ft-NGVD29
Observed Flow	Data							
Station_		<u>Variable</u>	From	4/16/2022	to	4/22/2022	<u>Value</u>	<u>Unit</u>
S-12A		7-day Average Daily Flow					0	cfs
S-12B		7-day Average Daily Flow					0	cfs
S-12C		7-day Average Daily Flow					0	cfs
S-12D		7-day Average Daily Flow					14	
S-333		7-day Average Daily Flow					268	
S-333N		7-day Average Daily Flow					0	
5-334		7-day Average Daily Flow					0	
S-12s Total		7-day Average Daily Flow					14	cfs
S333 + S333N - S334 ¹		7-day Average Daily Flow					268	cfs
Total Flow to ENP		7-day Average Daily Flow					282	cfs
Meteorological	Data							
Forecasted Processing Forecasted			From	4/22/2022	to	4/28/2022	<u>Value</u>	<u>Unit</u>
	e Precipitation Forecas	t (QPF)					0.25	in
BAS3WX - 7-day Total Fo	recasted PET	` ,					1.34	in
Observed			From	4/16/2022	to	4/22/2022	<u>Value</u>	Unit
WCA-3 7-day Total Observed NEXRAD Rainfall				., 10, 2022	•••	1, 22, 2022	0.06	·
3AS3WX 7-day Total Observed PET							1.34	
ASSVVA 7-day Total Obs	serveu FLT						1.54	III
		TTFF Ap	plicati	on				
Previous week target flow (calculated with forecasted 7-day QPF and PET)							447	cfs
Previous week target flow (recalculated with observed rainfall and PET)							436	cfs
3 Adjustment for forecast (2-1)						-11	cfs	
4 This week calculated target flow						328	cfs	
This week target flow with adjustment (3 + 4)							316	cfs
Average Daily Target Flow ²							316	cfs
		TTFF formul	a coefficien	ts				
/CA-3A Average Stage (β1) NESRS2 Stage (β2)		Previous 7-day Average Flow (β3)	Farrage D	recipitation (β4)		recast PET (β5)	Regulation Schedule Stage (

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

24.32

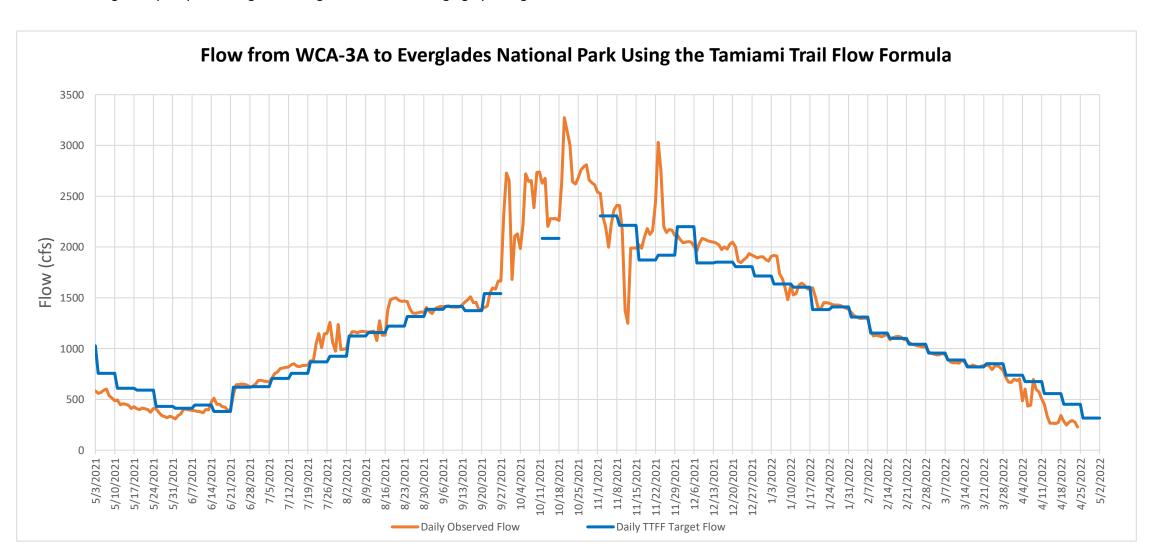
-96.31

-221.79

0.644

-44.62

318.42



 $^{^{1}}$ 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.

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