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

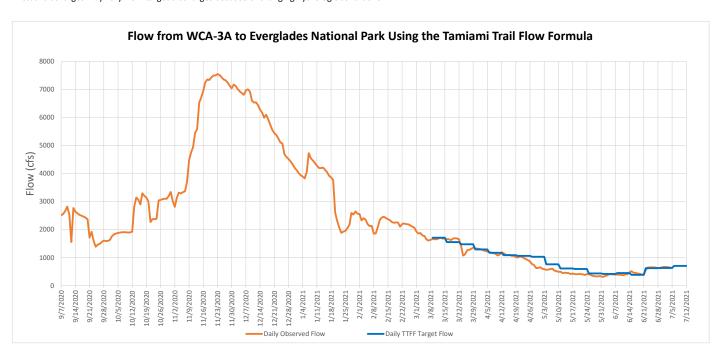
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Daily Target Flow for			7/6/2021	to	7/12/2021	702	cfs
Observed Stage Data							
Station WCA-3A (Average for Site 63, 64 and 65) NESRS2 Regulatory Stage WCA-3A	Variable Average Daily Stage Average Daily Stage Average Daily Stage			on	7/2/2021	7.33	Unit ft-NGVD29 ft-NGVD29 ft-NGVD29
Observed Flow Data							
Station S-12A S-12B S-12C S-12D S-333 S-333N S-334 S-12s Total S333 + S333N - S334 ¹ Total Flow to ENP	Variable 7-day Average Daily Flow	From	6/26/2021	to	7/2/2021	Value 0 0 33 0 2 612 0 33 613	cfs
Meteorological Data							
Forecasted WCA3 7-day Quantitative Precipitation Forecast 3AS3WX - 7-day Total Forecasted PET Observed		From	7/3/2021 6/26/2021	to	7/9/2021 7/2/2021	<u>Value</u> 2.66 1.01 <u>Value</u>	in in <u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfall 3AS3WX 7-day Total Observed PET						2.51 1.01	
	TTFF Ap	olicati	on				
Previous week target flow (calculated with forecasted 7-day QPF and I 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 ²						630 630 0 702 702 702	cfs cfs cfs cfs
TTFF formula coefficients							
WCA-3A Average Stage (β1) NESRS2 Stage (β2)	Previous 7-day Average Flow (β3)	Forecast Pi	recipitation (β4)	Fo	recast PET (β5)	Regulation	Schedule Stage (β6)

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

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.