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

Daily Target Flow for			3/30/2021	to	4/5/2021	1289	cfs
Observed Stage Data							
Station WCA-3A (Average for Site 63, 64 and 65) NESRS2	<u>Variable</u> Average Daily Stage Average Daily Stage			on	3/26/2021		Unit ft-NGVD29 ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage					9.94	ft-NGVD29
Observed Flow Data							
<u>Station</u>	<u>Variable</u>	From	3/20/2021	to	3/26/2021	<u>Value</u>	<u>Unit</u>
S-12A	7-day Average Daily Flow						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					356	
S-333	7-day Average Daily Flow					384	
S-333N	7-day Average Daily Flow					672	
S-334	7-day Average Daily Flow					0	
S-12s Total	7-day Average Daily Flow					356	cfs
S333 + S333N - S334 ¹	7-day Average Daily Flow					1055	
Total Flow to ENP	7-day Average Daily Flow					1411	cfs
Meteorological Data							
<u>Forecasted</u>		From	3/26/2021	to	4/1/2021	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)						0.12	in
3AS3WX - 7-day Total Forecasted PET						1.17	in
<u>Observed</u>		From	3/20/2021	to	3/26/2021	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfall						0.00	in
3AS3WX 7-day Total Observed PET						1.17	in
	TTFF A	pplicati	on				
1 Previous week target flow (calculated with forecasted 7-day QPF and PET)						1489	cfs
2 Previous week target flow (recalculated with observed rainfall and PET)						1488	cfs
3 Adjustment for forecast (2-1)						-2	cfs
4 This week calculated target flow						1291	cfs
5 This week target flow with adjustment (3 + 4)						1289	cfs
Average Daily Target Flow ²						1289	cfs

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.

TTFF formula coefficients

Forecast Precipitation (β4)

24 32

Forecast PET (β5)

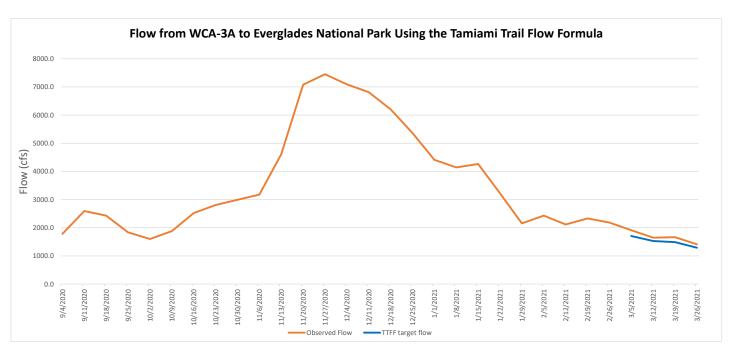
Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

0 644

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



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.

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