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

Daily Target Flow for			9/13/2022	to	9/19/2022	1266	cfs
Observed Stage Data							
Station	Variable			on	9/9/2022	Value	Unit
WCA-3A (Average for Site 63, 64 and 65)	Average Daily Stage			0	3/3/2022		ft-NGVD29
NESRS2	Average Daily Stage						ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage						ft-NGVD29
Observed Flow Data							
<u>Station</u>	Variable	From	9/3/2022	to	9/9/2022	<u>Value</u>	Unit
 S-12A	7-day Average Daily Flow						cfs
S-12B	7-day Average Daily Flow					17	cfs
S-12C	7-day Average Daily Flow					0	cfs
S-12D	7-day Average Daily Flow					369	cfs
S-333	7-day Average Daily Flow					487	cfs
S-333N	7-day Average Daily Flow					505	cfs
S-334	7-day Average Daily Flow					0	cfs
S-12s Total	7-day Average Daily Flow					401	cfs
S333 + S333N - S334 ¹	7-day Average Daily Flow					992	cfs
Total Flow to ENP	7-day Average Daily Flow					1392	cfs
Meteorological Data							
<u>Forecasted</u>		From	9/10/2022	to	9/16/2022	<u>Value</u>	<u>Unit</u>
WCA3 7-day Quantitative Precipitation Forecast (QPF)						2.25	in
3AS3WX - 7-day Total Forecasted PET						1.13	in
<u>Observed</u>		From	9/3/2022	to	9/9/2022	<u>Value</u>	<u>Unit</u>
WCA-3 7-day Total Observed NEXRAD Rainfall						1.91	in
3AS3WX 7-day Total Observed PET						1.13	in
	TTFF A	pplicati	on				
1 Previous week target flow (ca	lculated with forecasted 7-day	•				1230	cfs
2 Previous week target flow (recalculated with observed rainfall and PET)			•			1262	cfs
,	, , ,						cfs
4 This week calculated target flow						1234	
5 This week target flow with adjustment (3 + 4)						1266	
Average Daily Target Flow ²						1266	

Target flow is distributed from east to west (S-333, S-12D, S-12D, S-12B, and S-12A) to prioritize water deliveries to NESRS first and WSRS second, subject to downstream constraints.

Forecast Precipitation (β4)

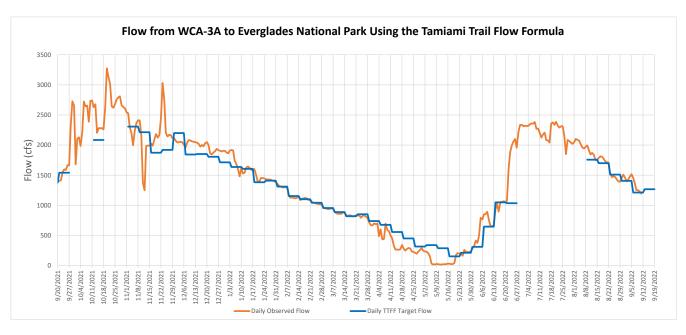
Forecast PET (β5)

Regulation Schedule Stage (β6)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



 $^{^{1}}$ 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.