

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

Daily Target Flow for		1/27/2026	to	2/2/2026	515 cfs
<b>Observed Stage Data</b>					
<u>Station</u>	<u>Variable</u>	<u>on</u>	1/23/2026	<u>Value</u>	<u>Unit</u>
WCA-3A (Average for Site 63, 64 and 65)	Average Daily Stage			8.92	ft-NGVD29
NESRS2	Average Daily Stage			7.08	ft-NGVD29
Regulatory Stage WCA-3A	Average Daily Stage			10.35	ft-NGVD29
<b>Observed Flow Data</b>					
<u>Station</u>	<u>Variable</u>	<u>From</u>	1/17/2026	<u>to</u>	1/23/2026
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				63 cfs
S-333	7-day Average Daily Flow				256 cfs
S-333N	7-day Average Daily Flow				243 cfs
S-334	7-day Average Daily Flow				0 cfs
S-12s Total	7-day Average Daily Flow				63 cfs
S333 + S333N - S334 <sup>1</sup>	7-day Average Daily Flow				499 cfs
Total Flow to ENP	7-day Average Daily Flow				562 cfs
<b>Meteorological Data</b>					
<u>Forecasted</u>		<u>From</u>	1/24/2026	<u>to</u>	1/30/2026
WCA3 7-day Quantitative Precipitation Forecast (QPF)					0.23 in
3AS3WX - 7-day Total Forecasted PET					0.74 in
<u>Observed</u>		<u>From</u>	1/17/2026	<u>to</u>	1/23/2026
WCA-3 7-day Total Observed NEXRAD Rainfall					0.03 in
3AS3WX 7-day Total Observed PET					0.74 in
<b>TTFF Application</b>					
1	Previous week target flow (calculated with forecasted 7-day QPF and PET)				560 cfs
2	Previous week target flow (recalculated with observed rainfall and PET)				550 cfs
3	Adjustment for forecast (2-1)				-10 cfs
4	This week calculated target flow				525 cfs
5	This week target flow with adjustment (3 + 4)				515 cfs
<b>Average Daily Target Flow<sup>2</sup></b>					
<b>TTFF formula coefficients</b>					
<u>WCA-3A Average Stage (β1)</u>	<u>NESRS2 Stage (β2)</u>	<u>Previous 7-day Average Flow (β3)</u>	<u>Forecast Precipitation (β4)</u>	<u>Forecast PET (β5)</u>	<u>Regulation Schedule Stage (β6)</u>
318.42	-44.62	0.644	24.32	-96.31	-221.79
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.					
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.					
<p><b>Flow from WCA-3A to Everglades National Park Using the Tamiami Trail Flow Formula</b></p> <p>Daily Observed Flow</p> <p>Daily TTFF Target Flow</p>					