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

| D   | aily Target Flow for            |                          |          | 3/1/2022  | to | 3/7/2022  | 956          | cfs         |
|---|---------------------------------|--------------------------|----------|-----------|----|-----------|--------------|-------------|
| Observ  | ed Stage Data                   |                          |          |           |    |           |              |             |
| Station   | · ·                             | Variable                 |          |           | on | 2/25/2022 | Value        | Unit        |
|   | Average for Site 63, 64 and 65) | Average Daily Stage      |          |           |    |           |              | ft-NGVD29   |
| NESRS2  | , ,                             | Average Daily Stage      |          |           |    |           | 7.87         | ft-NGVD29   |
| Regulatory  | / Stage WCA-3A                  | Average Daily Stage      |          |           |    |           | 10.13        | ft-NGVD29   |
| Observ  | ed Flow Data                    |                          |          |           |    |           |              |             |
| <u>Station</u>  |                                 | <u>Variable</u>          | From     | 2/19/2022 | to | 2/25/2022 | <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 |          |           |    |           | 314          | cfs         |
| S-333   |                                 | 7-day Average Daily Flow |          |           |    |           | 368          | cfs         |
| S-333N  |                                 | 7-day Average Daily Flow |          |           |    |           | 383          | cfs         |
| S-334   |                                 | 7-day Average Daily Flow |          |           |    |           | 0            | cfs         |
| S-12s Total   |                                 | 7-day Average Daily Flow |          |           |    |           | 314          | cfs         |
| S333 + S333   | 3N - S334 <sup>1</sup>          | 7-day Average Daily Flow |          |           |    |           | 751          | cfs         |
| Total Flow t  | to ENP                          | 7-day Average Daily Flow |          |           |    |           | 1065         | cfs         |
| Meteo   | rological Data                  |                          |          |           |    |           |              |             |
| <u>Forecasted</u>   |                                 |                          | From     | 2/25/2022 | to | 3/3/2022  | <u>Value</u> | <u>Unit</u> |
| WCA3 7-day Quantitative Precipitation Forecast (QPF)                      |                                 |                          |          |           |    |           | 0.17         | in          |
| 3AS3WX - 7-day Total Forecasted PET                                       |                                 |                          |          |           |    |           | 1.05         | in          |
| Observe   | d                               |                          | From     | 2/19/2022 | to | 2/25/2022 | Value        | Unit        |
| WCA-3 7-day Total Observed NEXRAD Rainfall                                |                                 |                          |          |           |    |           | 0.12         | in          |
|   | day Total Observed PET          |                          |          |           |    |           | 1.05         | in          |
|   |                                 | TTFF A                   | pplicati | on        |    |           |              |             |
| Previous week target flow (calculated with forecasted 7-day QPF and PET)  |                                 |                          |          |           |    |           | 1030         | cfs         |
| 2 Previous week target flow (recalculated with observed rainfall and PET) |                                 |                          |          | •         |    |           | 1020         |             |
| 3   | ,                               |                          |          |           |    |           | -10          |             |
| 4 This week calculated target flow  |                                 |                          |          |           |    |           | 966          |             |
| 5 This week target flow with adjustment (3 + 4)                           |                                 |                          |          |           |    |           | 956          |             |
|   | aily Target Flow <sup>2</sup>   | , , - ,                  |          |           |    |           | 956          |             |

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.

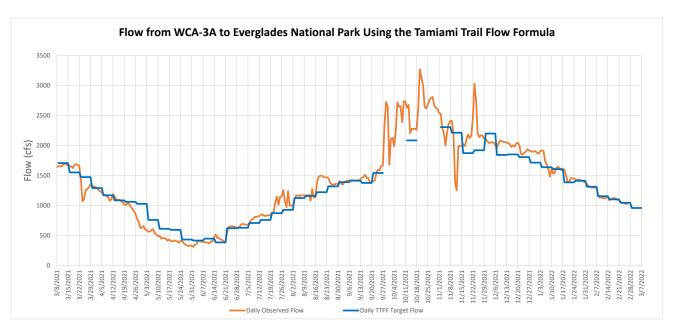
TTFF formula coefficients

Forecast Precipitation (β4)

Previous 7-day Average Flow (β3)

NESRS2 Stage (β2)

WCA-3A Average Stage (β1)



 $<sup>^{1}</sup>$ 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.

 $<sup>^2</sup>$ Actual discharges may vary from target discharges because of changing hydrologic conditions.