
APPENDIX I – SIMULATED VERSUS ESTIMATED HYDROGRAPHS OF CUMULATIVE RIVER BASEFLOW AT GAGING STATIONS

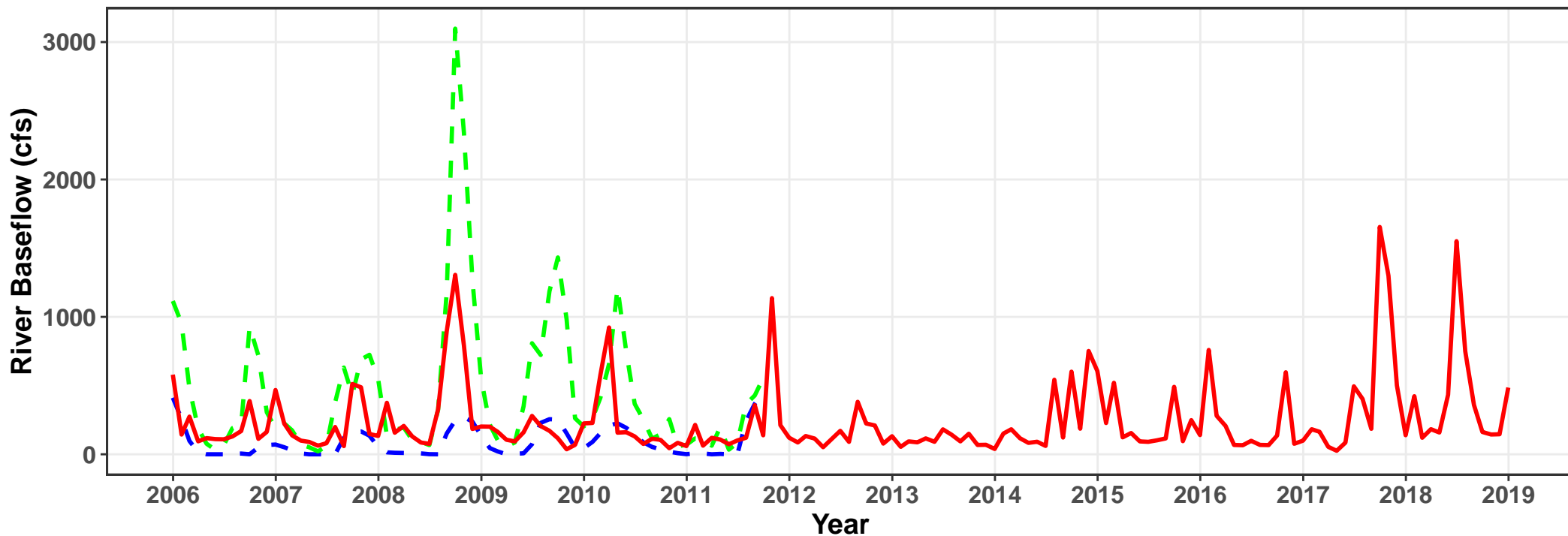
Appendix I includes hydrographs and duration curves of the observed and estimated cumulative river baseflows during the transient model simulation period (2005 through 2018) for 38 USGS river gages.

Model simulated hydrographs of cumulative baseflows at the USGS gages were compared with the minimum and maximum estimated baseflows. The hydrograph on the top of each page illustrates a monthly time-series of cumulative river baseflow. The flow-duration curve on the bottom of each page represents cumulative river baseflow and the corresponding percentage of time that a particular baseflow is exceeded at each river gage. The same dataset was used to construct the hydrograph and flow-duration curve pair.

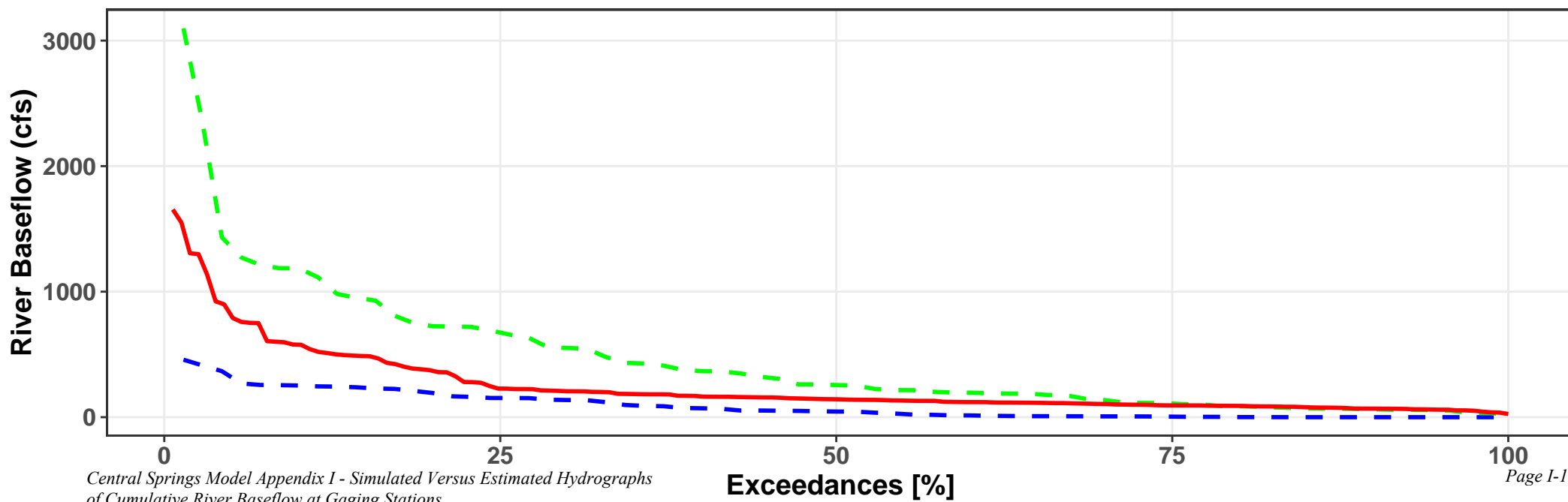
Note: The following definition applies to all figures included in this appendix.
cfs = cubic feet per second

USGS02234010 @ ST. JOHNS RIVER AT OSCEOLA, FL

— Estimated Maximum — Estimated Minimum — Simulated

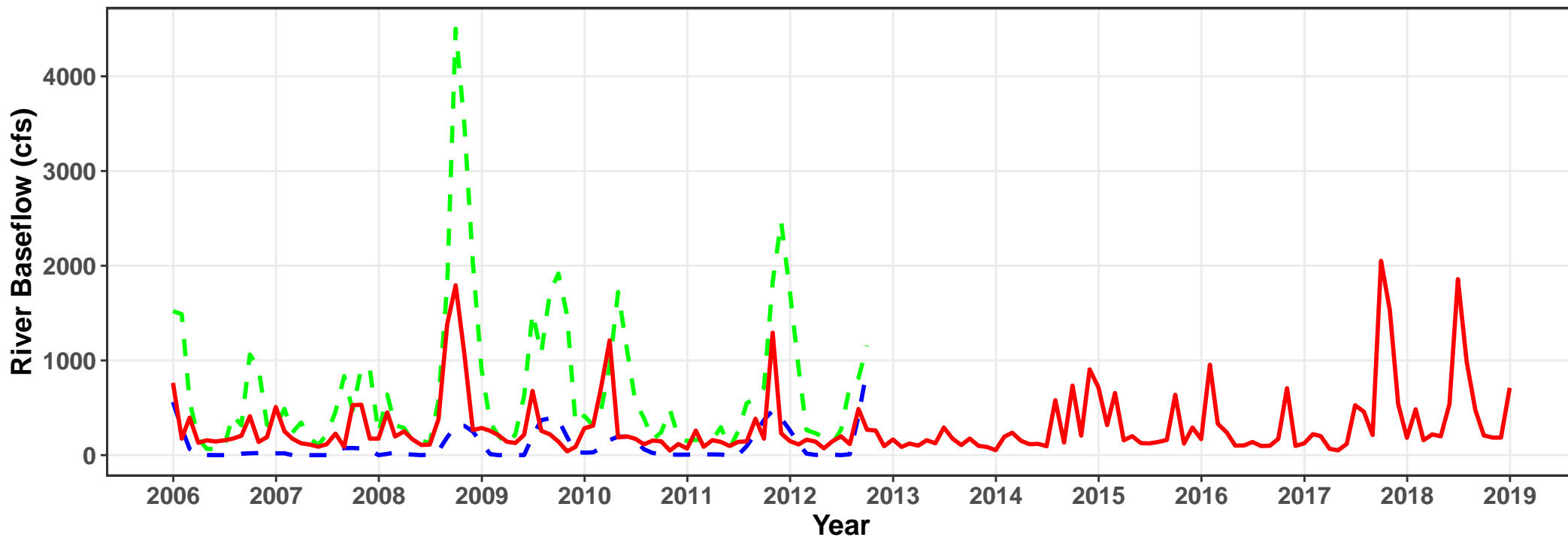


Flow-Duration Curve

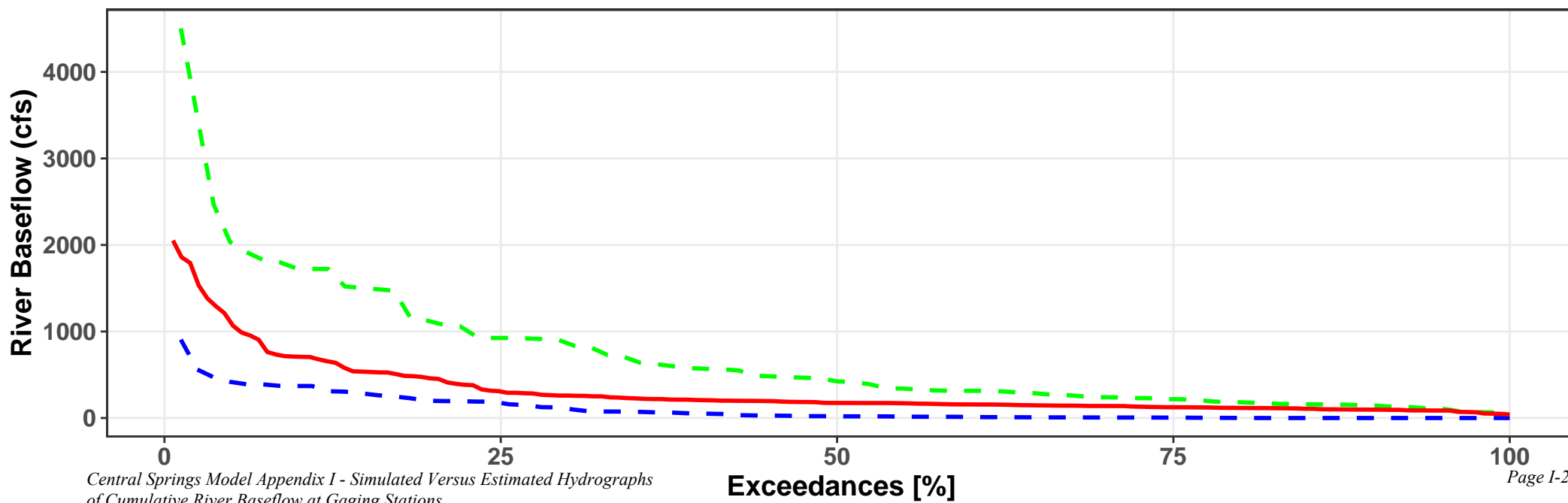


USGS02234440 @ ST. JOHNS RIVER AT STATE HWY 415 NEAR SANFORD, FL

— Estimated Maximum — Estimated Minimum — Simulated

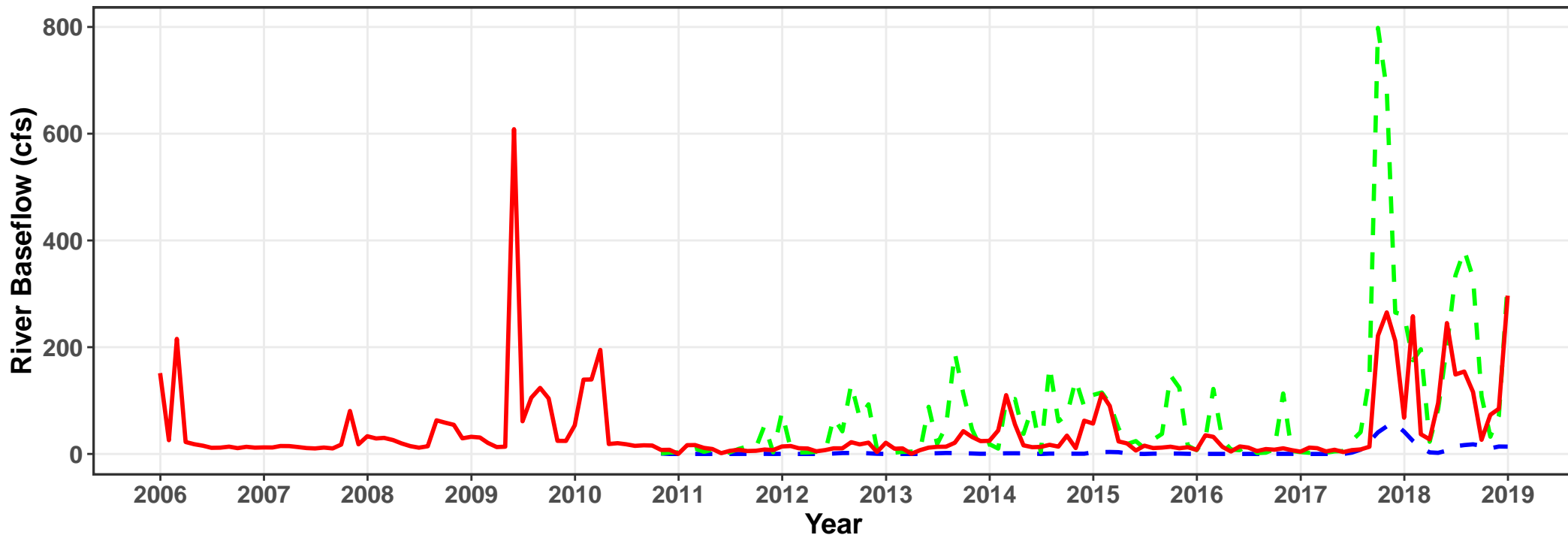


Flow-Duration Curve

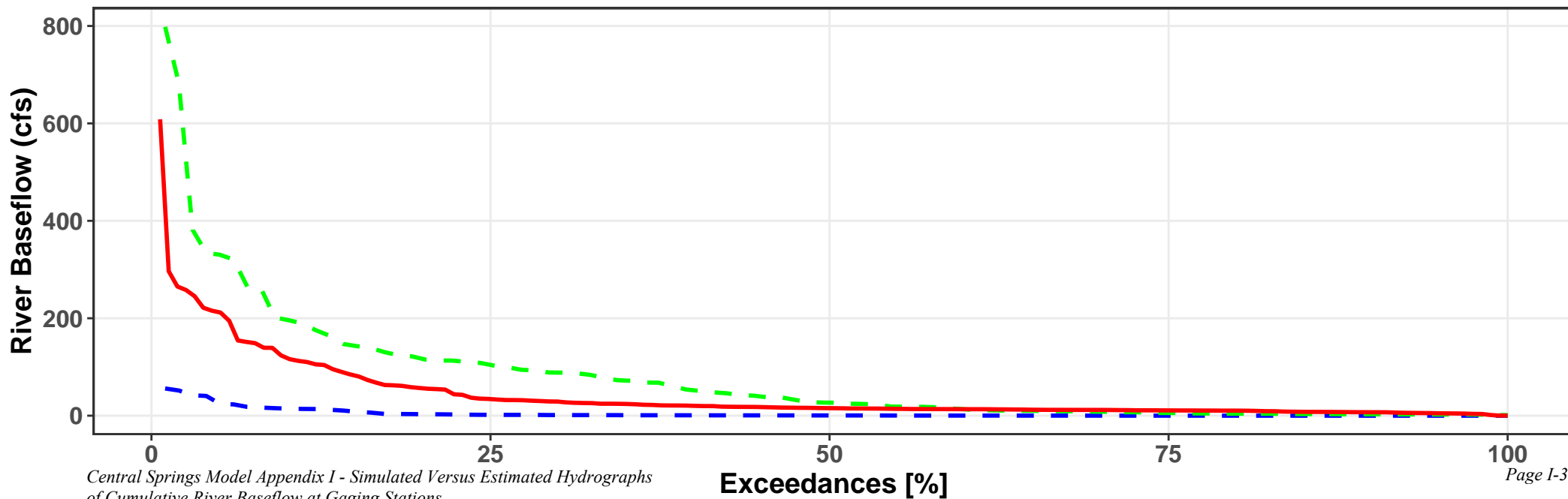


USGS02244333 @ HAW CREEK AB RUSSELLS LANDING NR ST JOHNS PARK FL

Estimated Maximum Estimated Minimum Simulated

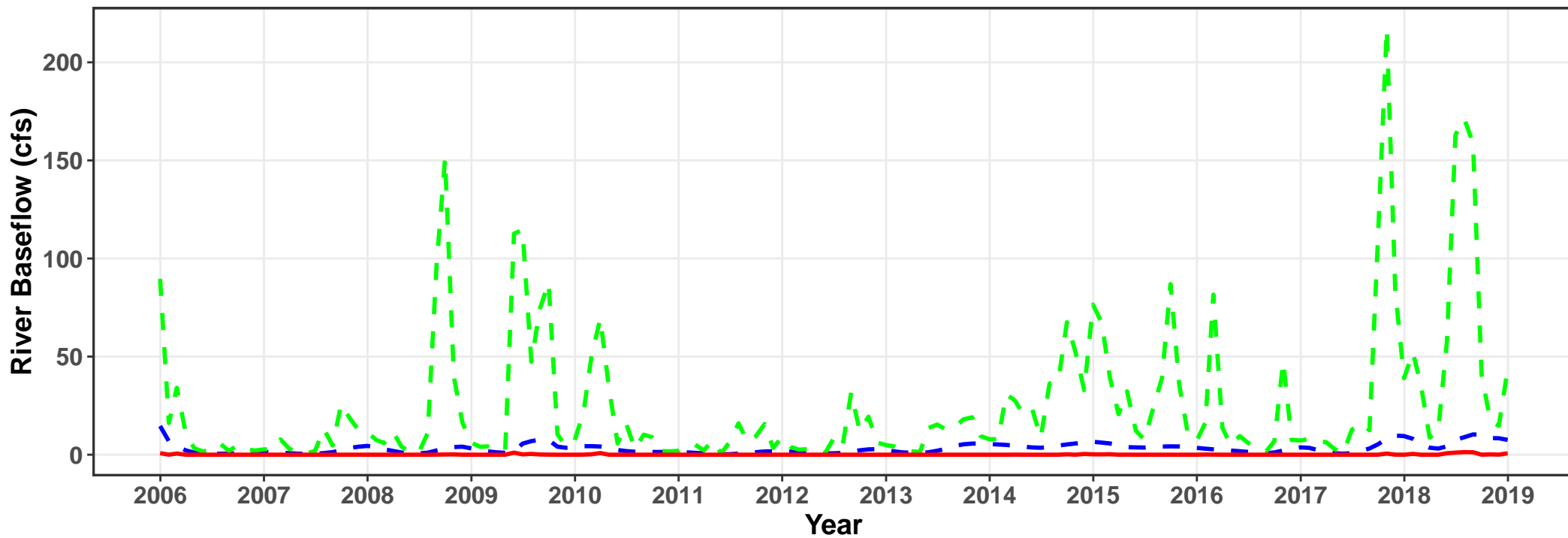


Flow-Duration Curve

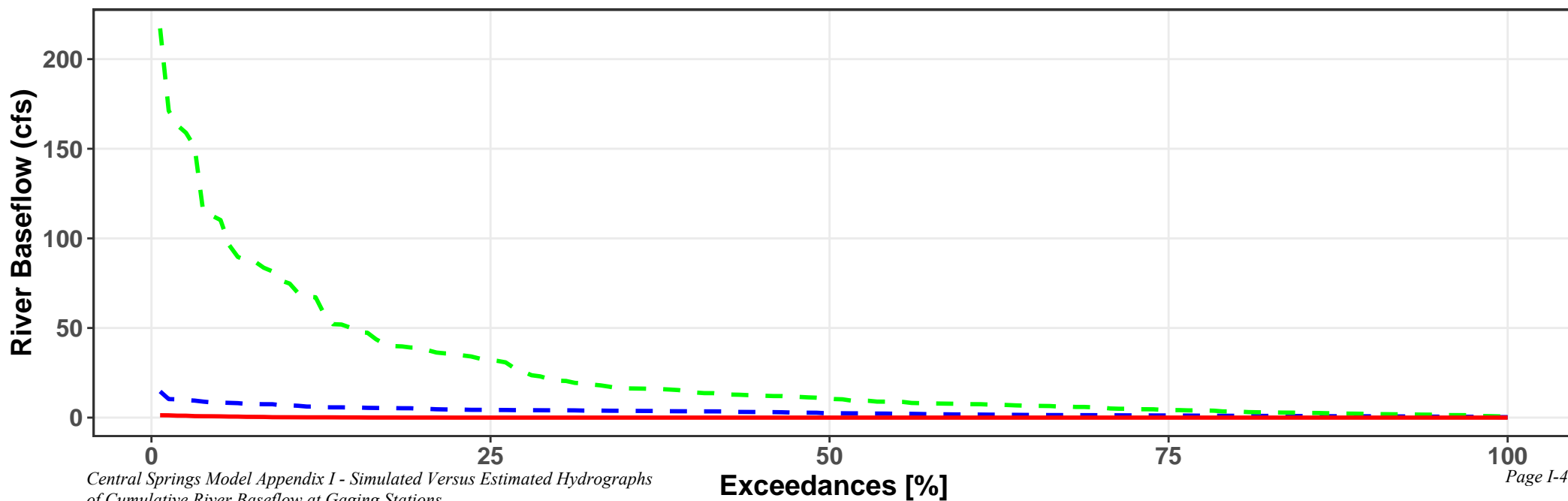


USGS02247510 @ TOMOKA RIVER NEAR HOLLY HILL, FL

Estimated Maximum Estimated Minimum Simulated

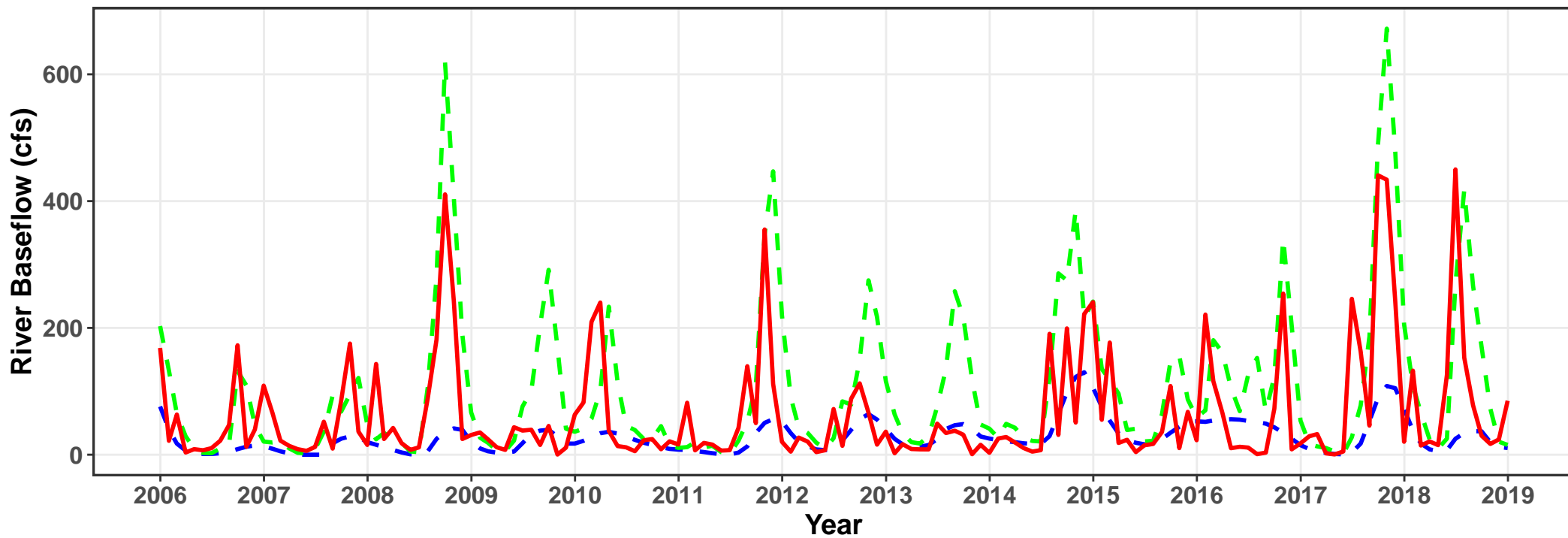


Flow-Duration Curve

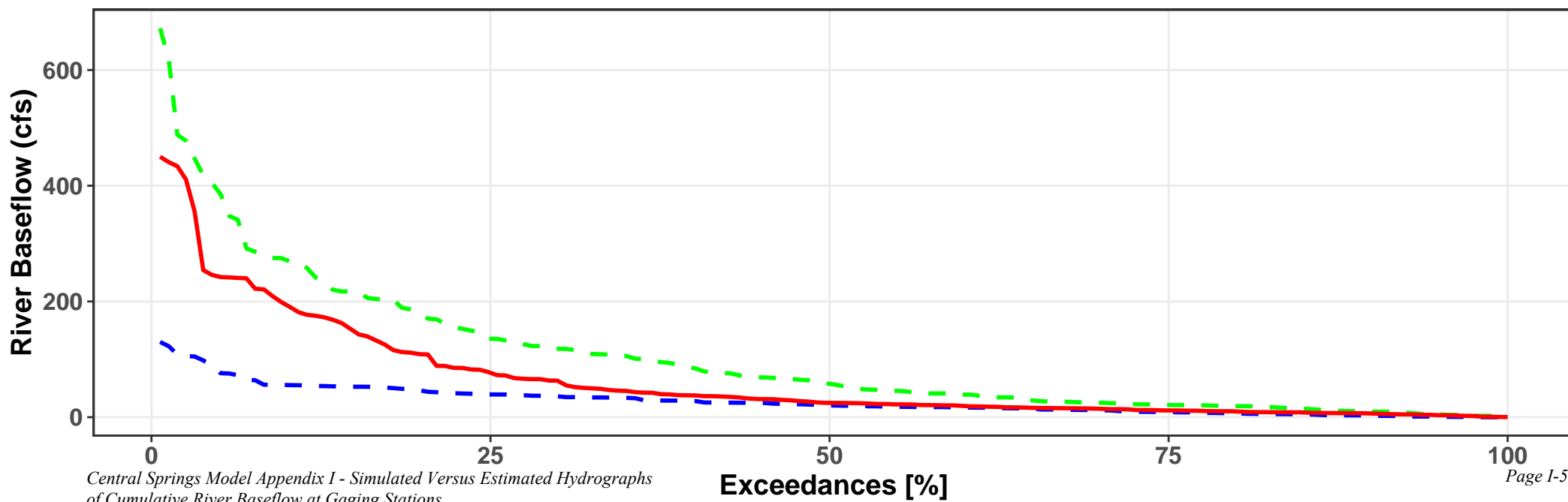


USGS02232500 @ ST. JOHNS RIVER NEAR CHRISTMAS, FL

Estimated Maximum Estimated Minimum Simulated

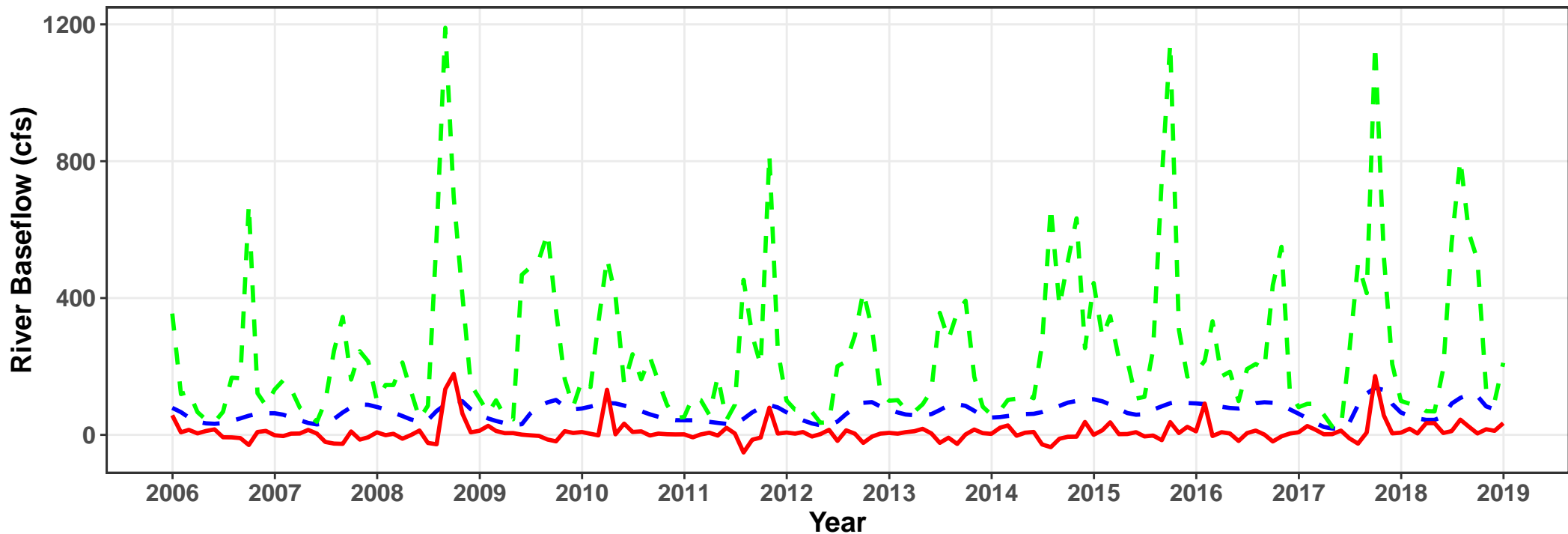


Flow-Duration Curve

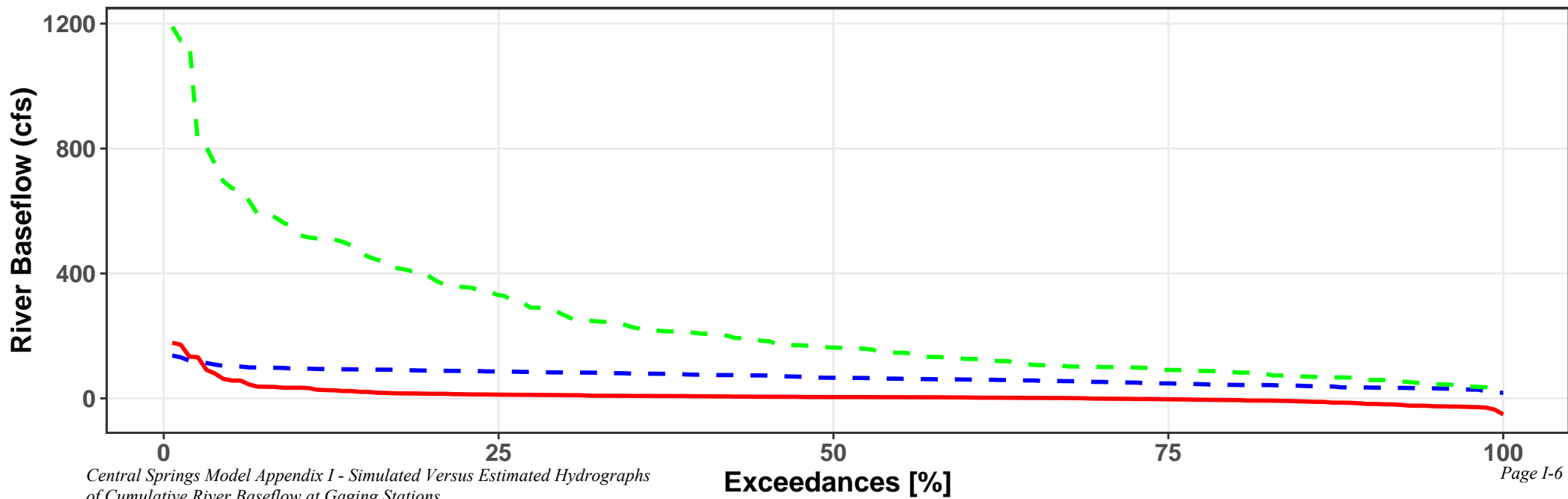


USGS02233500 @ ECONLOCKHATCHEE RIVER NEAR CHULUOTA, FL

— Estimated Maximum — Estimated Minimum — Simulated

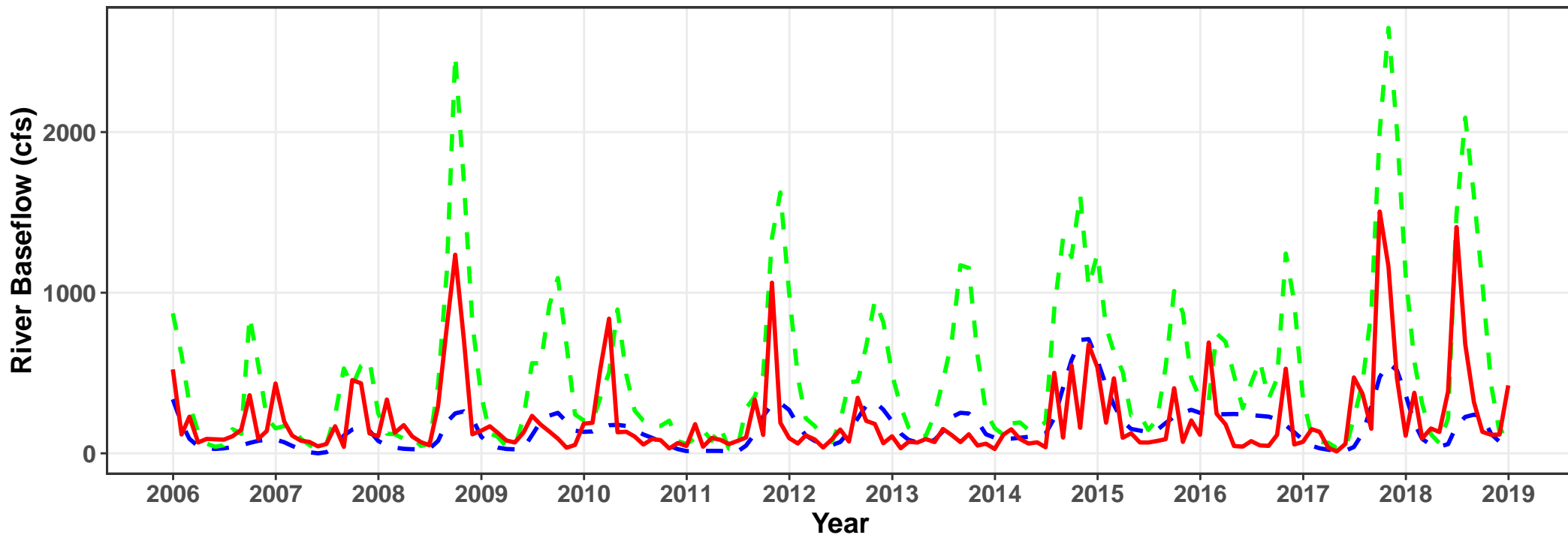


Flow-Duration Curve

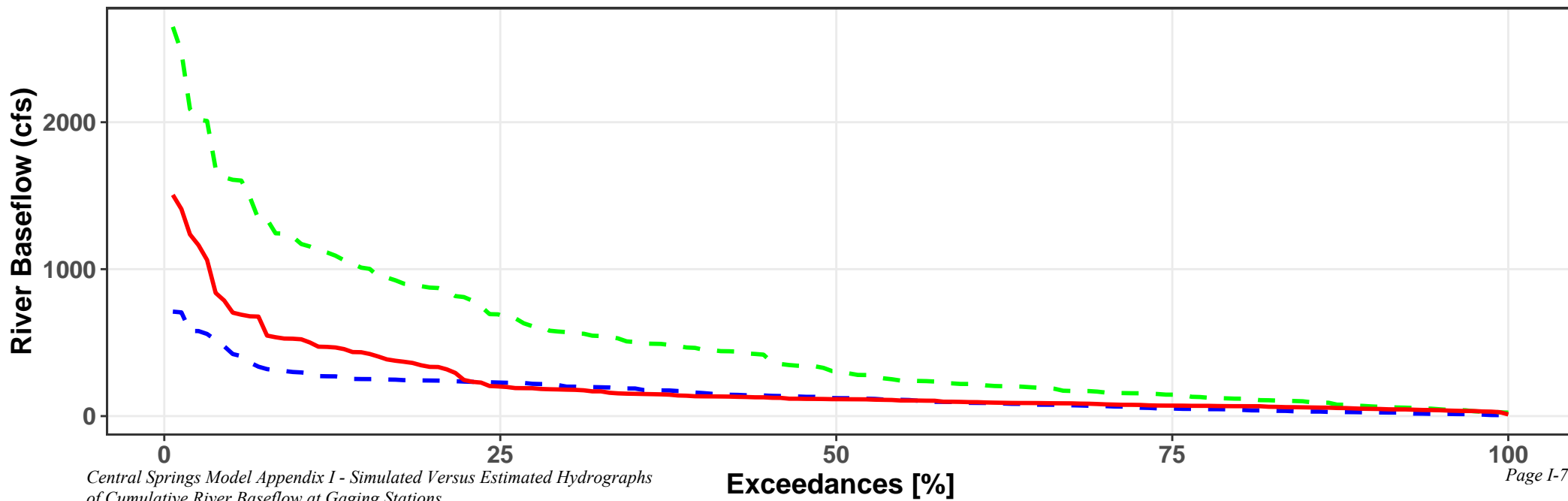


USGS02234000 @ ST. JOHNS RIVER ABOVE LAKE HARNEY NEAR GENEVA, FL

— Estimated Maximum — Estimated Minimum — Simulated

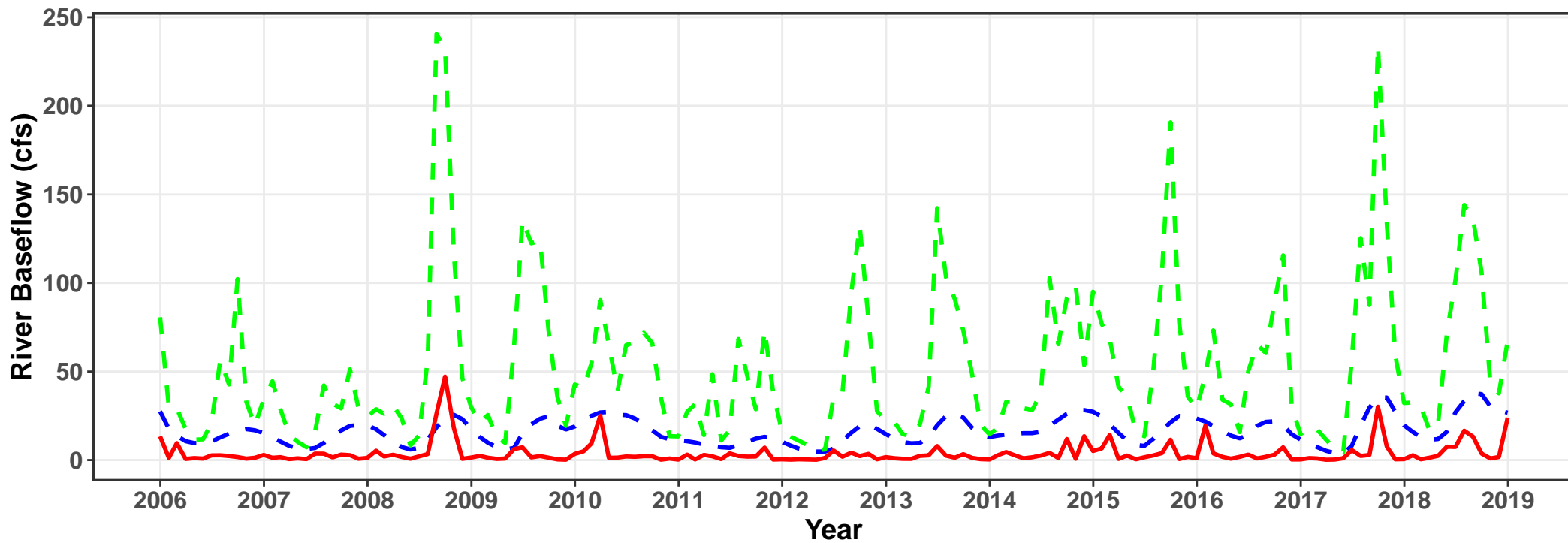


Flow–Duration Curve

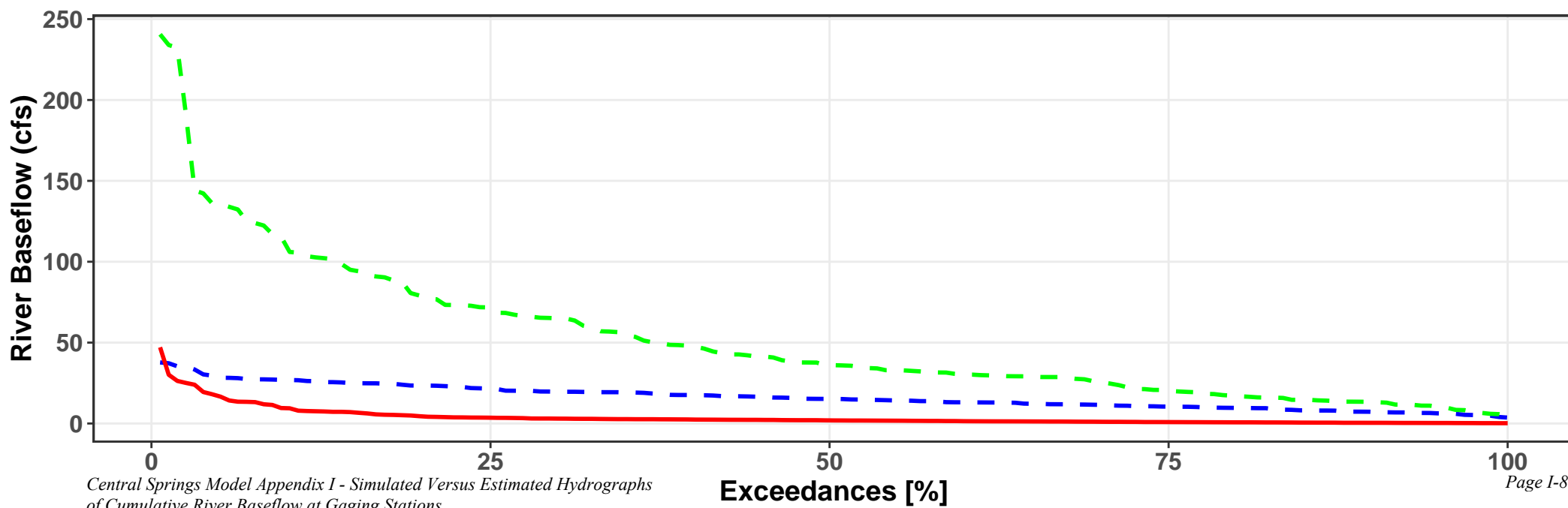


USGS02234344 @ HOWELL CREEK AT STATE HWY 434 NEAR OVIEDO, FL

Estimated Maximum Estimated Minimum Simulated

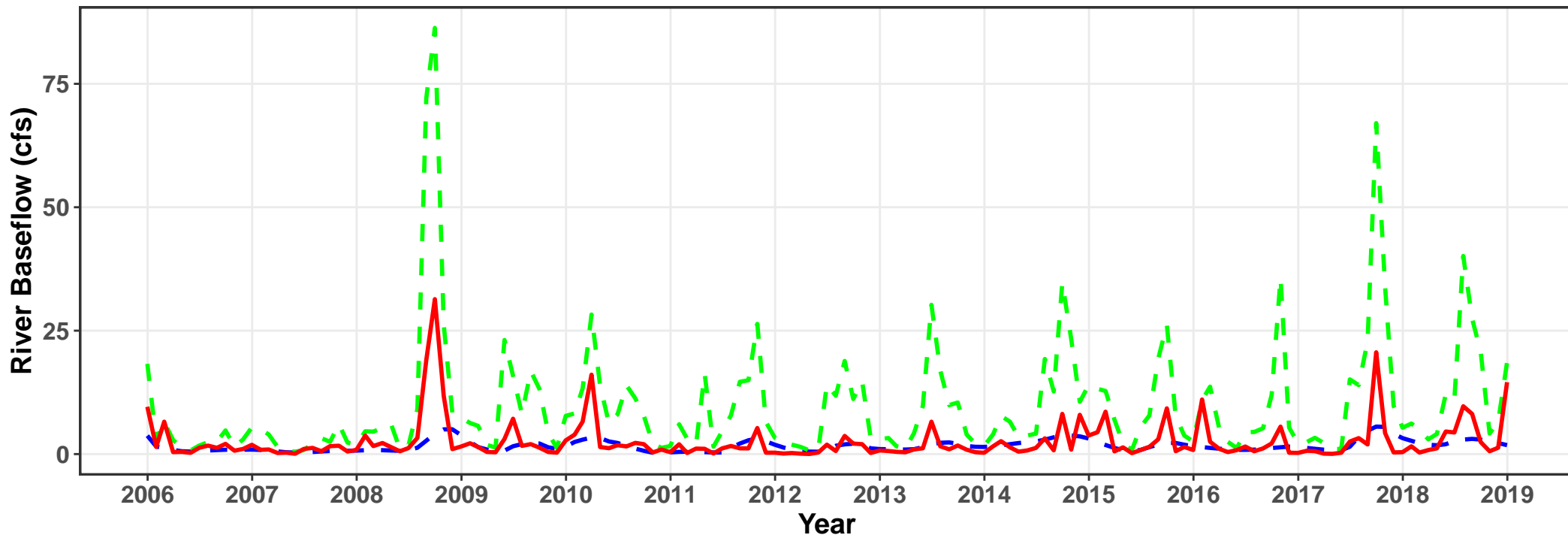


Flow-Duration Curve

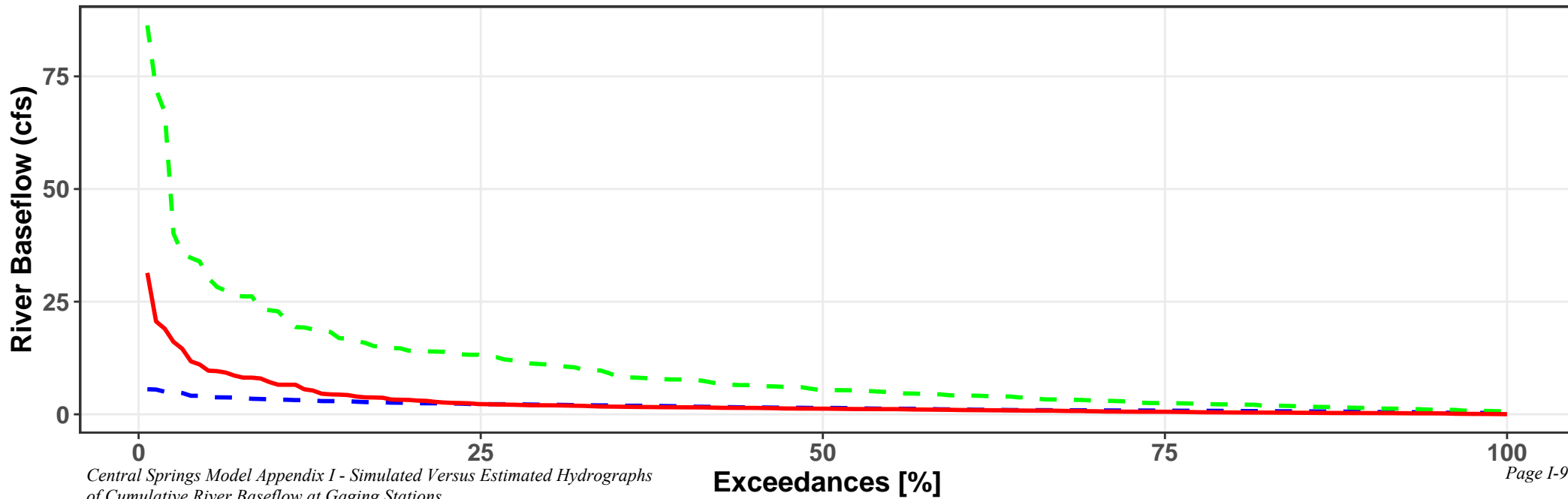


USGS02234384 @ SOLDIER CREEK NEAR LONGWOOD, FL

— Estimated Maximum — Estimated Minimum — Simulated

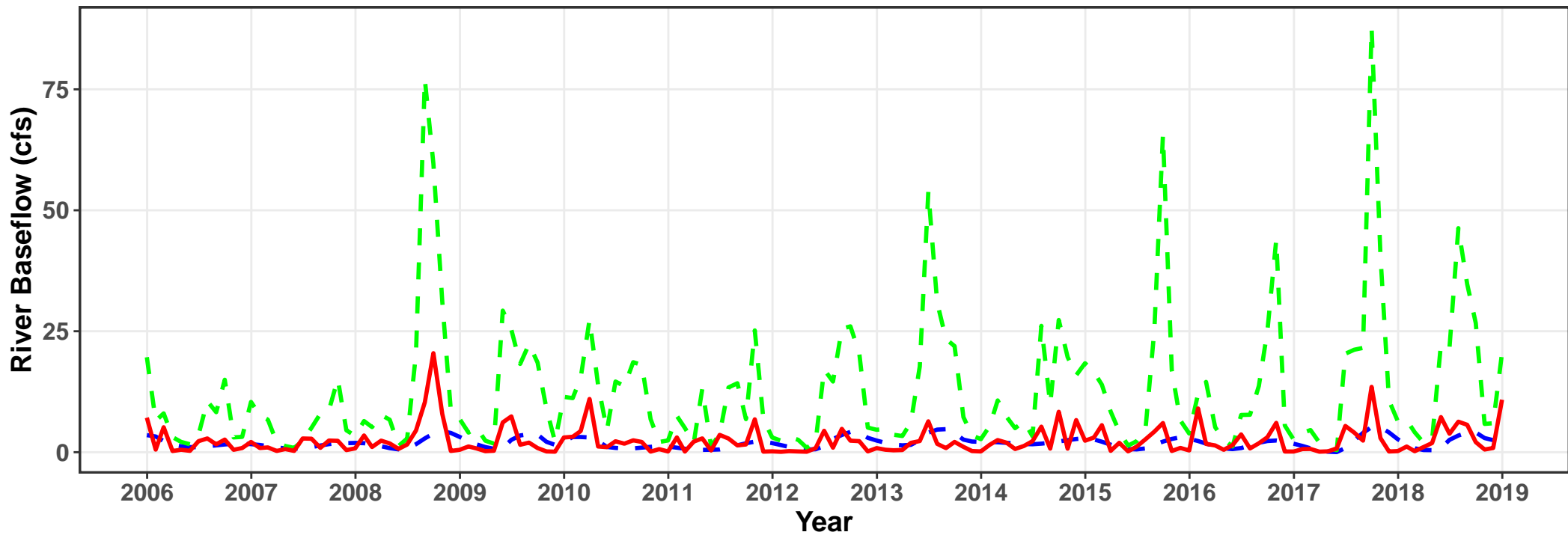


Flow–Duration Curve

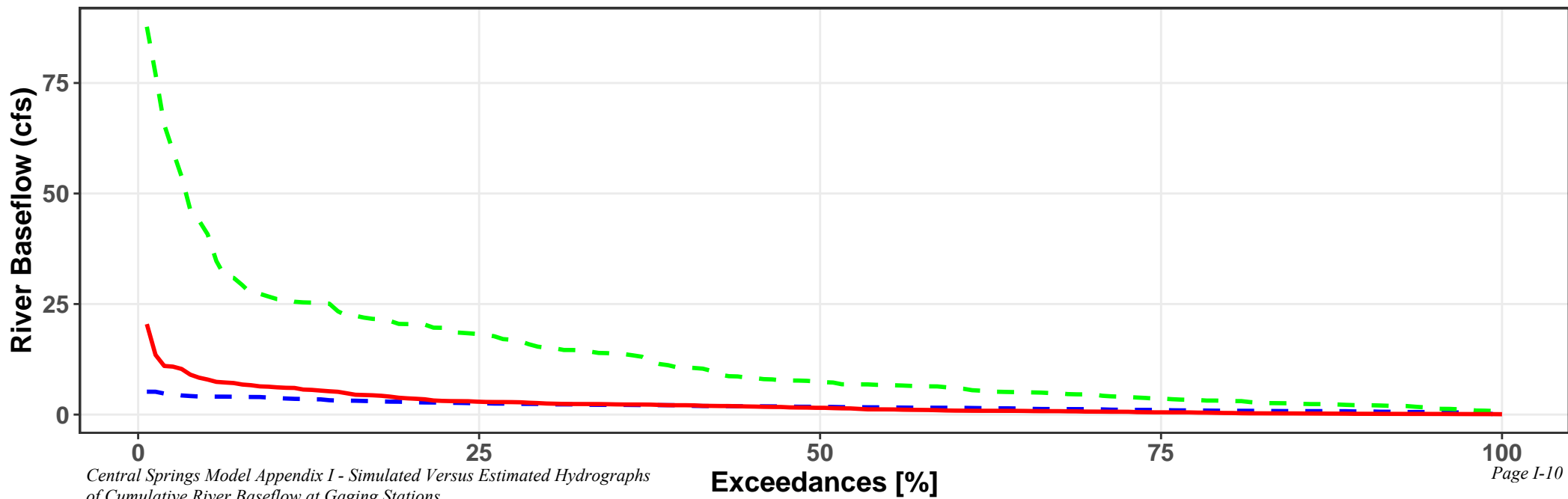


USGS02234400 @ GEE CREEK NEAR LONGWOOD, FL

— Estimated Maximum — Estimated Minimum — Simulated

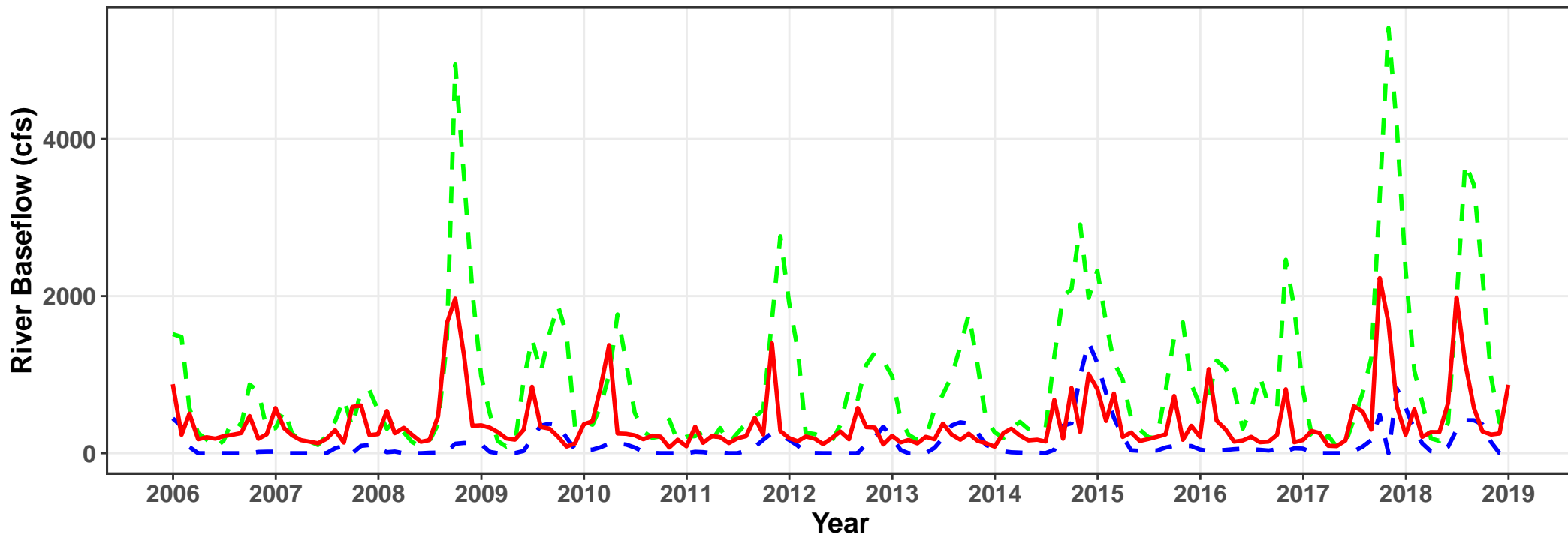


Flow-Duration Curve

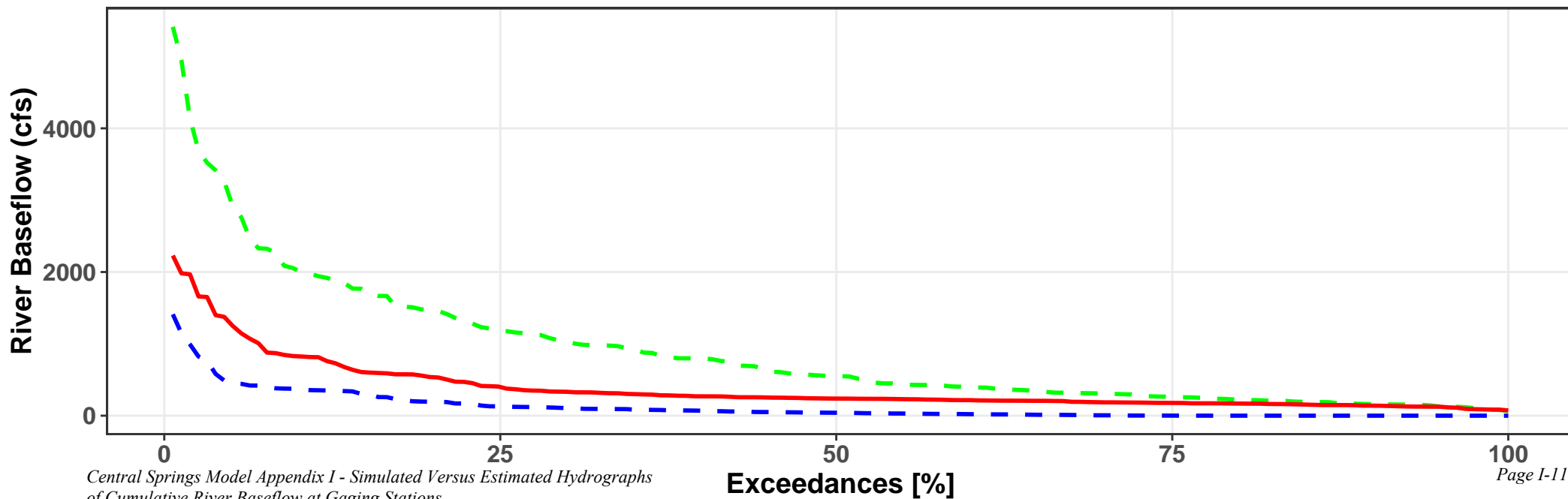


USGS02234500 @ ST. JOHNS RIVER NEAR SANFORD, FL

— Estimated Maximum — Estimated Minimum — Simulated

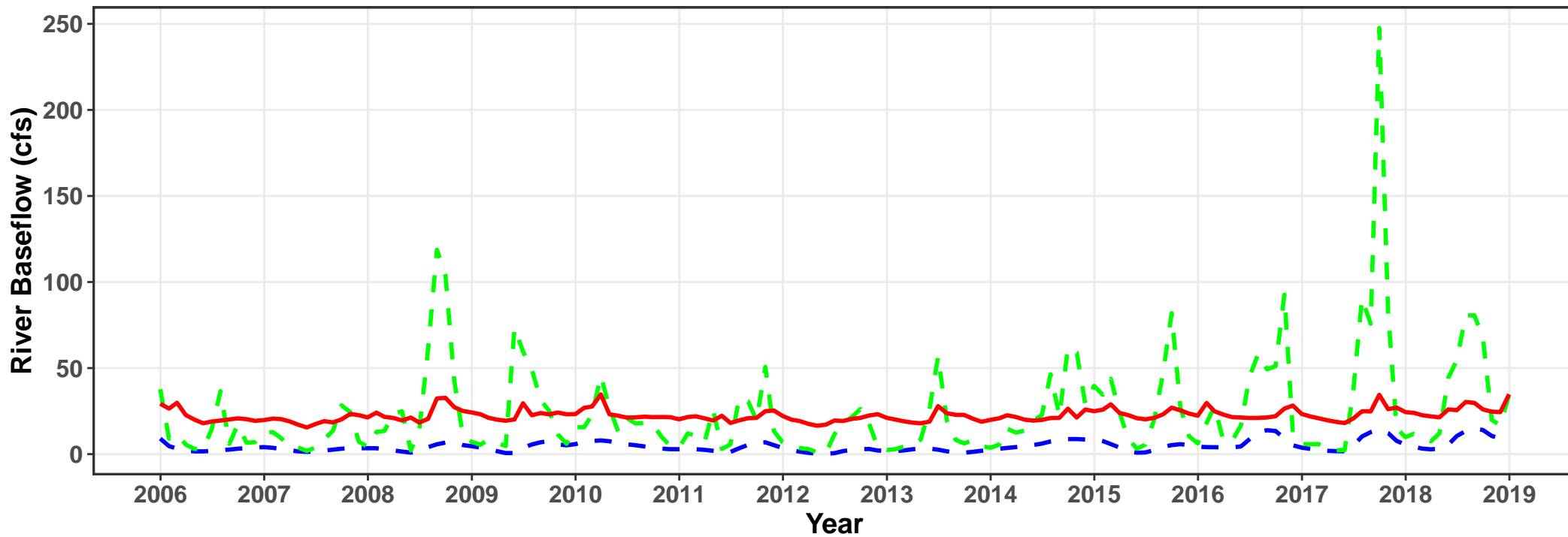


Flow–Duration Curve

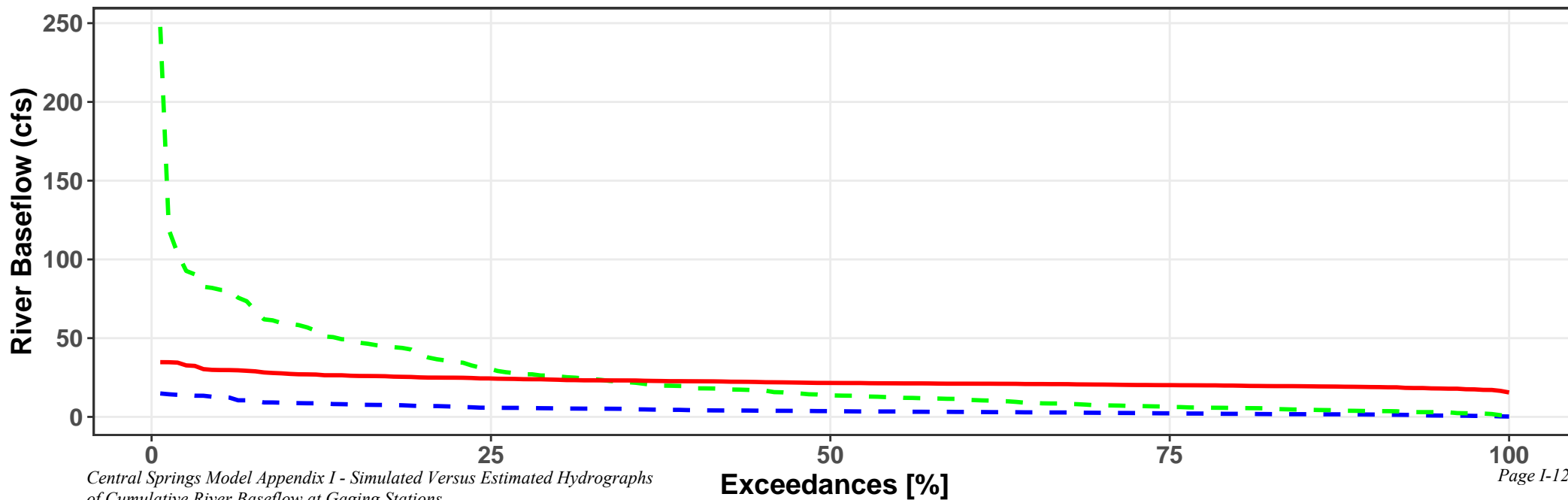


USGS02234990 @ LITTLE WEKIVA RIVER NEAR ALTAMONTE SPRINGS, FL

Estimated Maximum Estimated Minimum Simulated

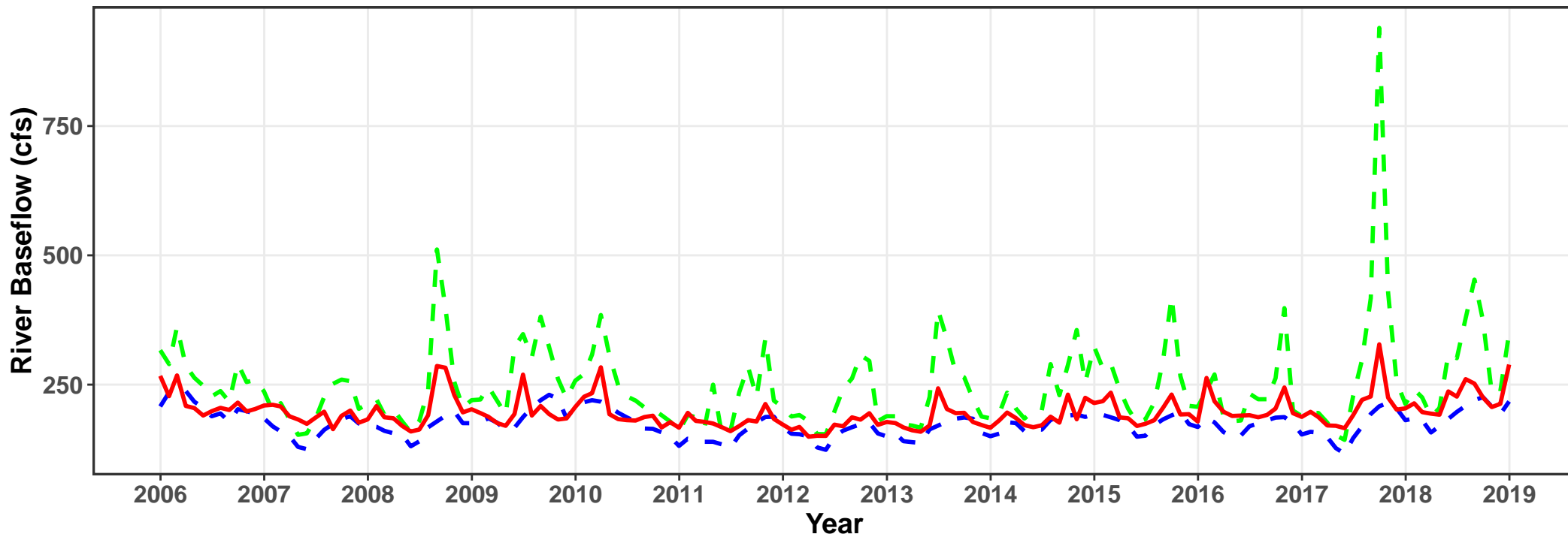


Flow-Duration Curve

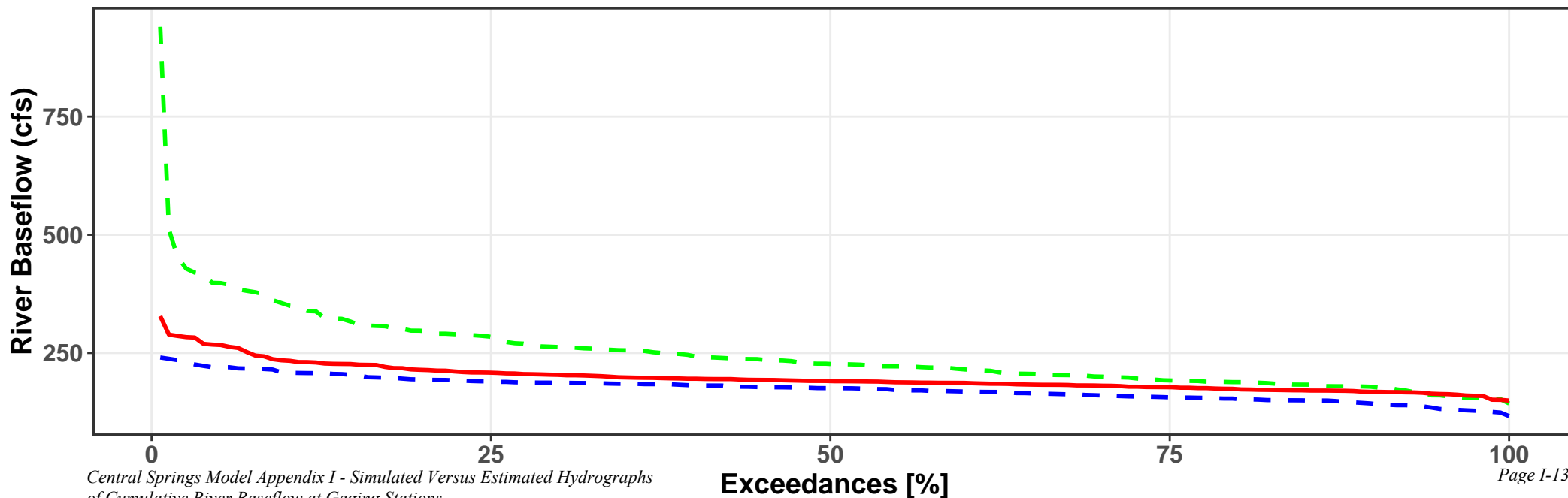


USGS02235000 @ WEKIVA RIVER NEAR SANFORD, FL

Estimated Maximum Estimated Minimum Simulated

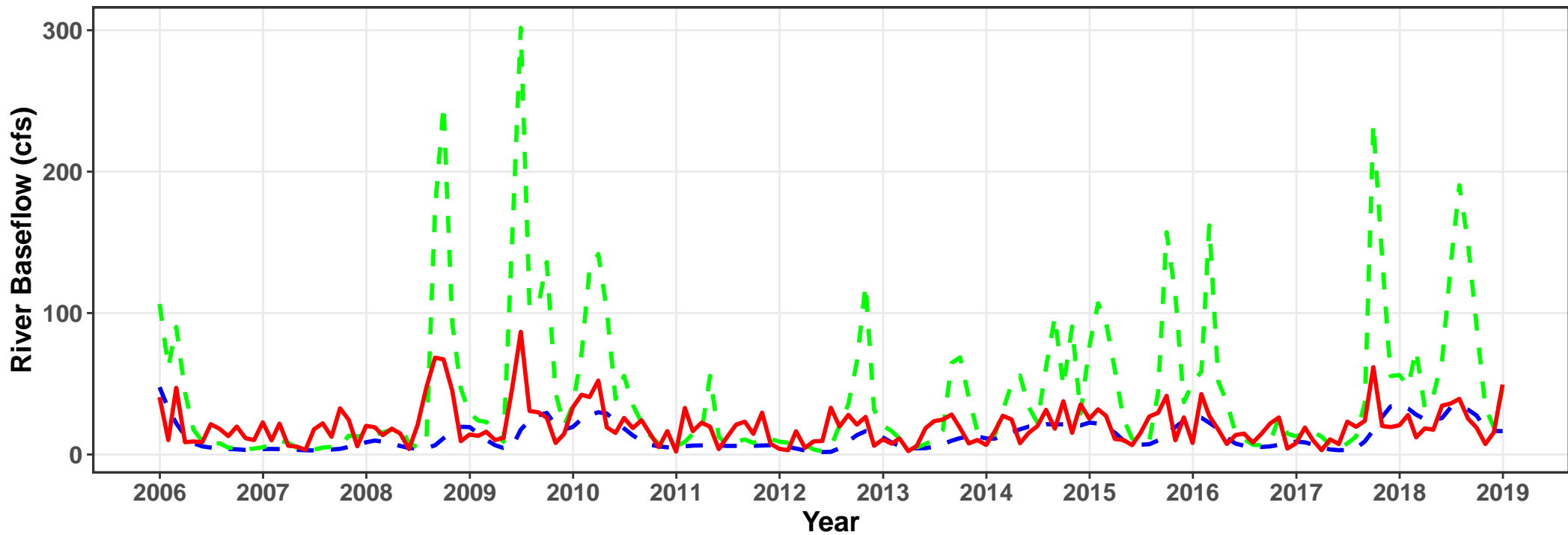


Flow-Duration Curve

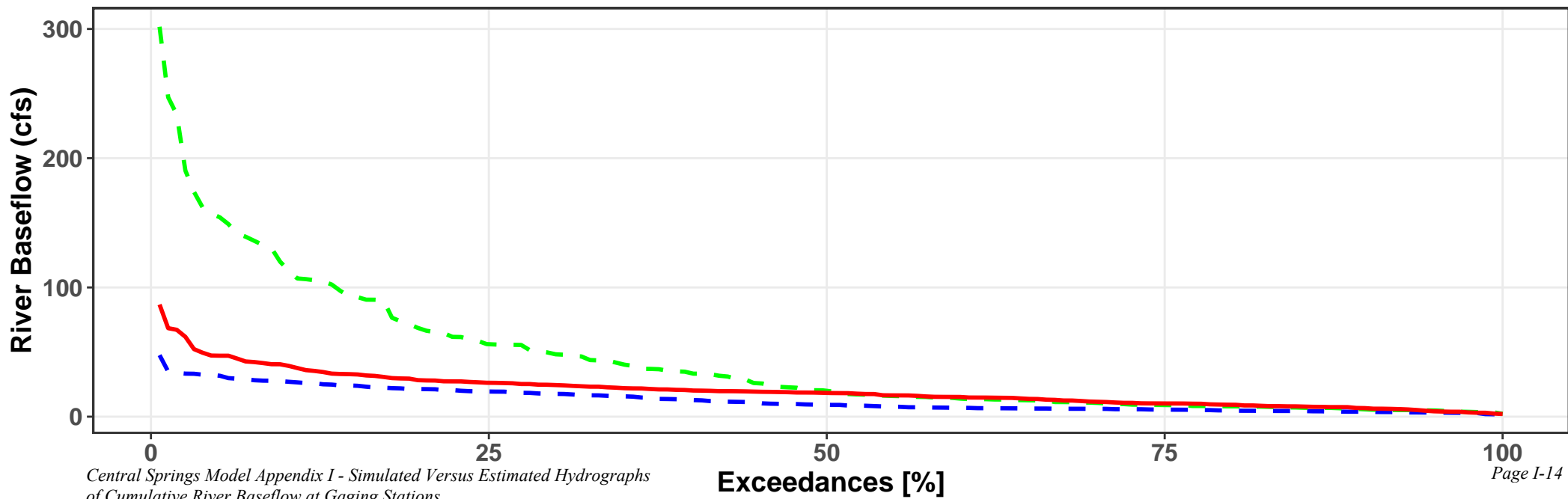


USGS02235200 @ BLACKWATER CREEK NEAR CASSIA, FL

Estimated Maximum Estimated Minimum Simulated

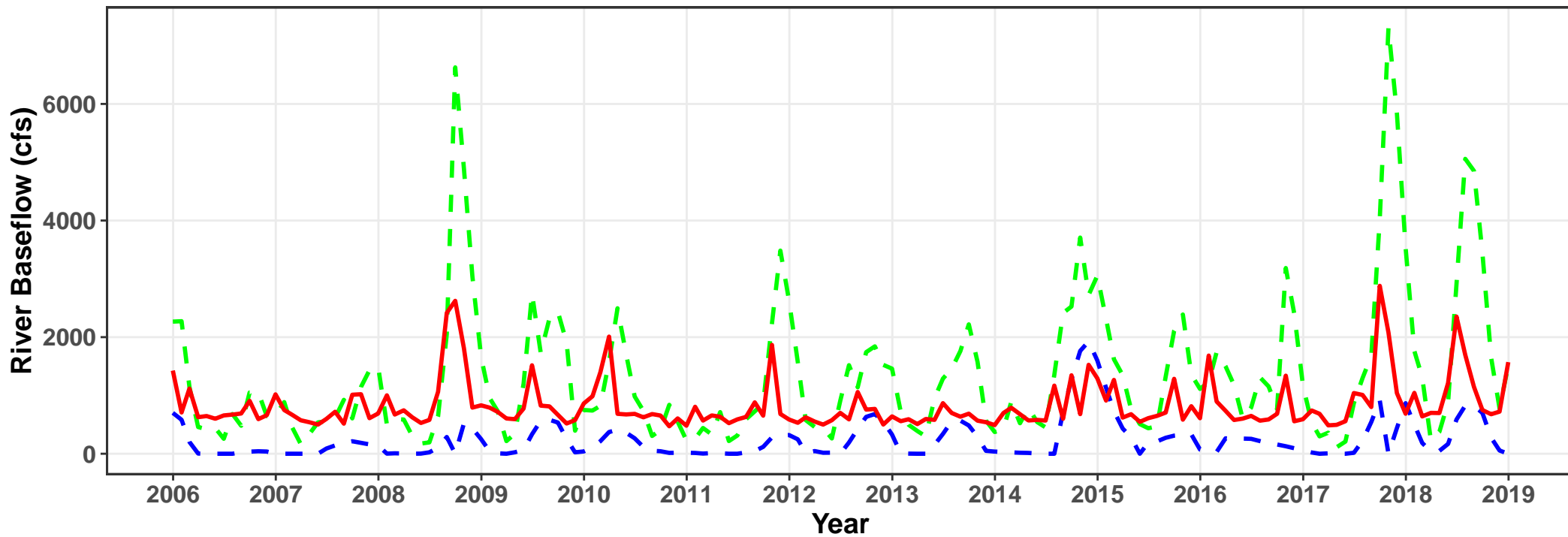


Flow-Duration Curve

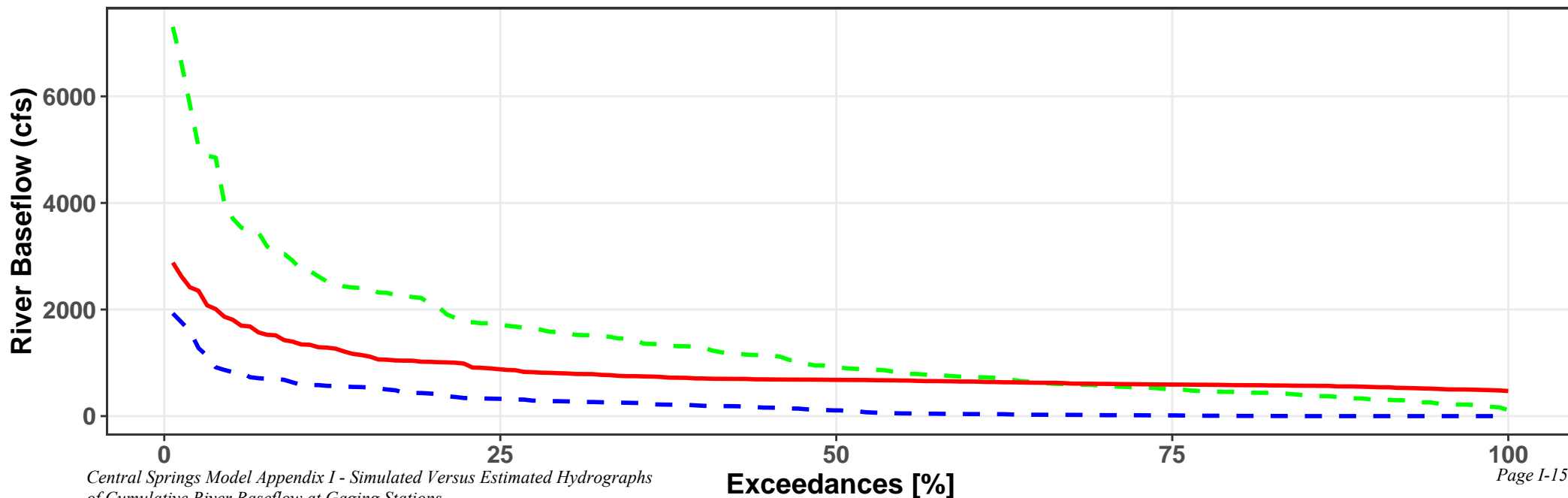


USGS02236000 @ ST. JOHNS RIVER NEAR DELAND, FL

— Estimated Maximum — Estimated Minimum — Simulated

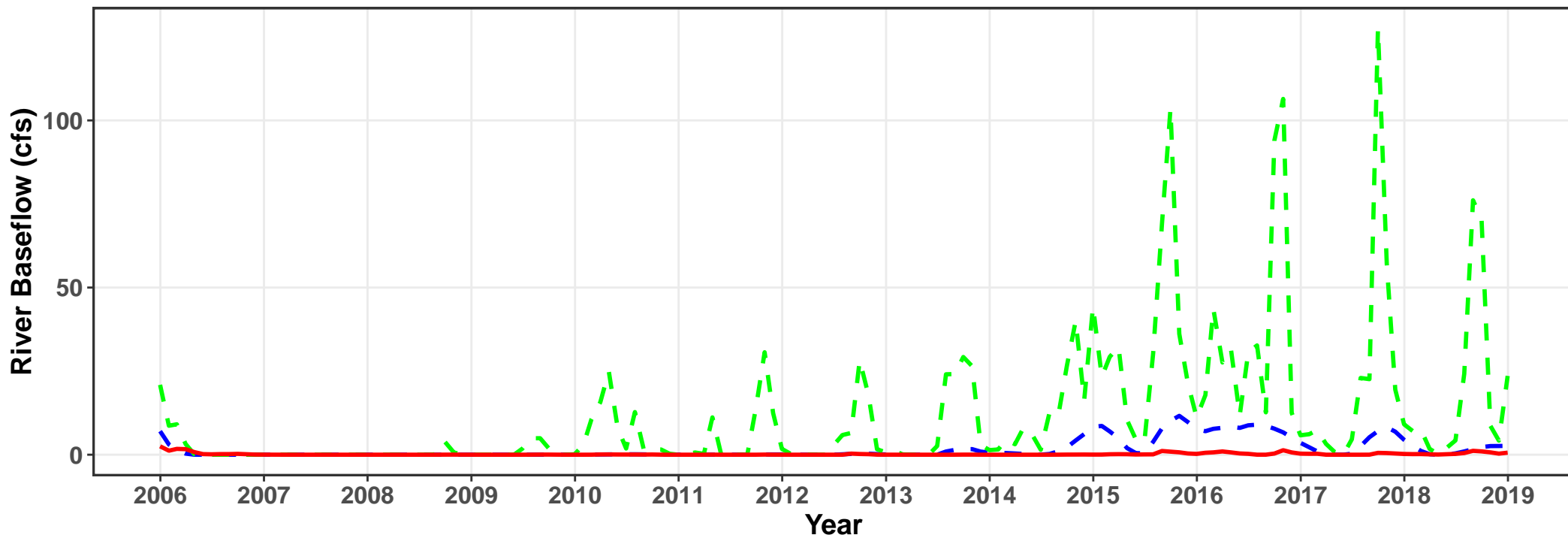


Flow-Duration Curve

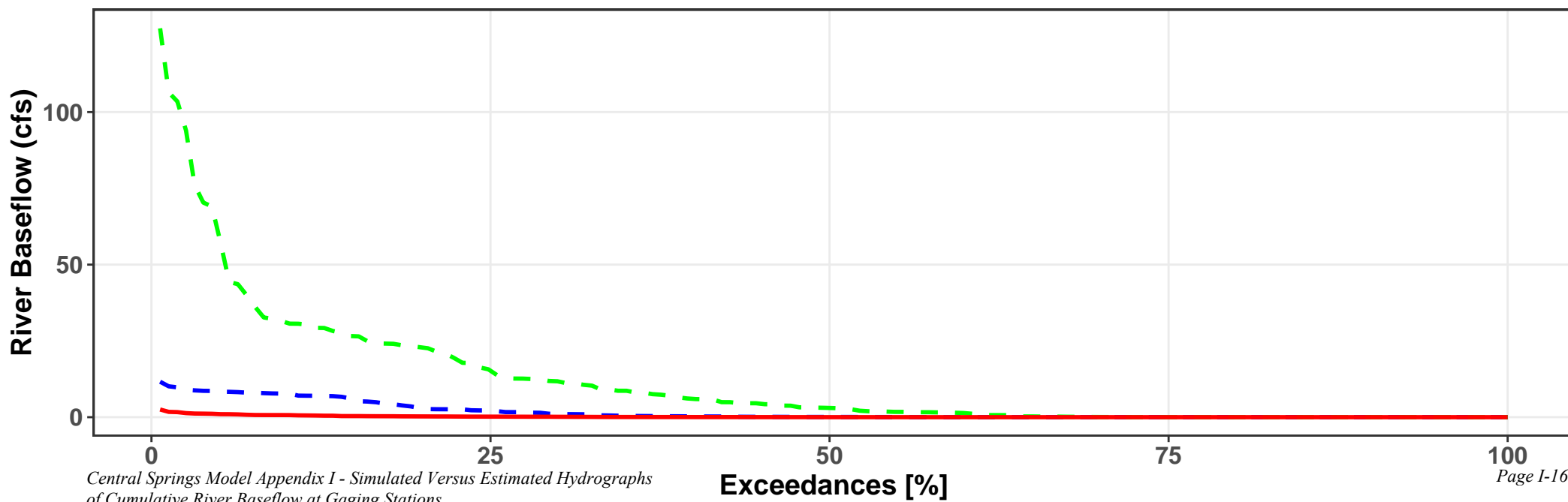


USGS02236350 @ GREEN SWAMP RUN NEAR EVA, FL

Estimated Maximum Estimated Minimum Simulated

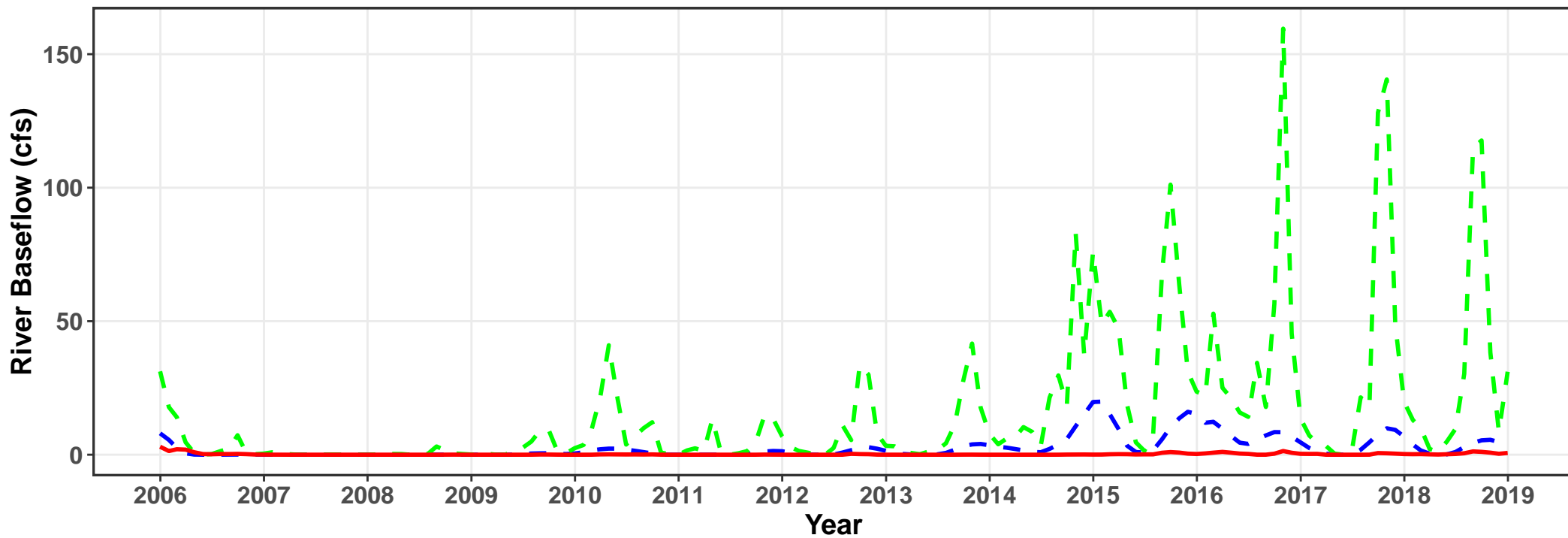


Flow-Duration Curve

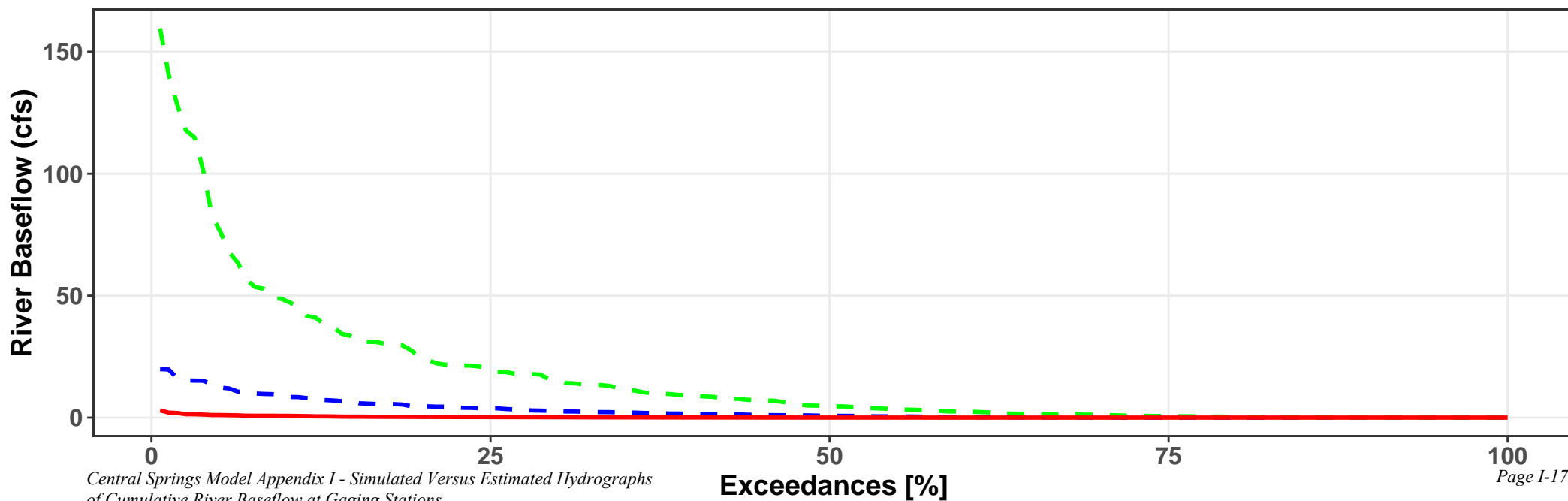


USGS02236500 @ BIG CREEK NEAR CLERMONT, FL

Estimated Maximum Estimated Minimum Simulated

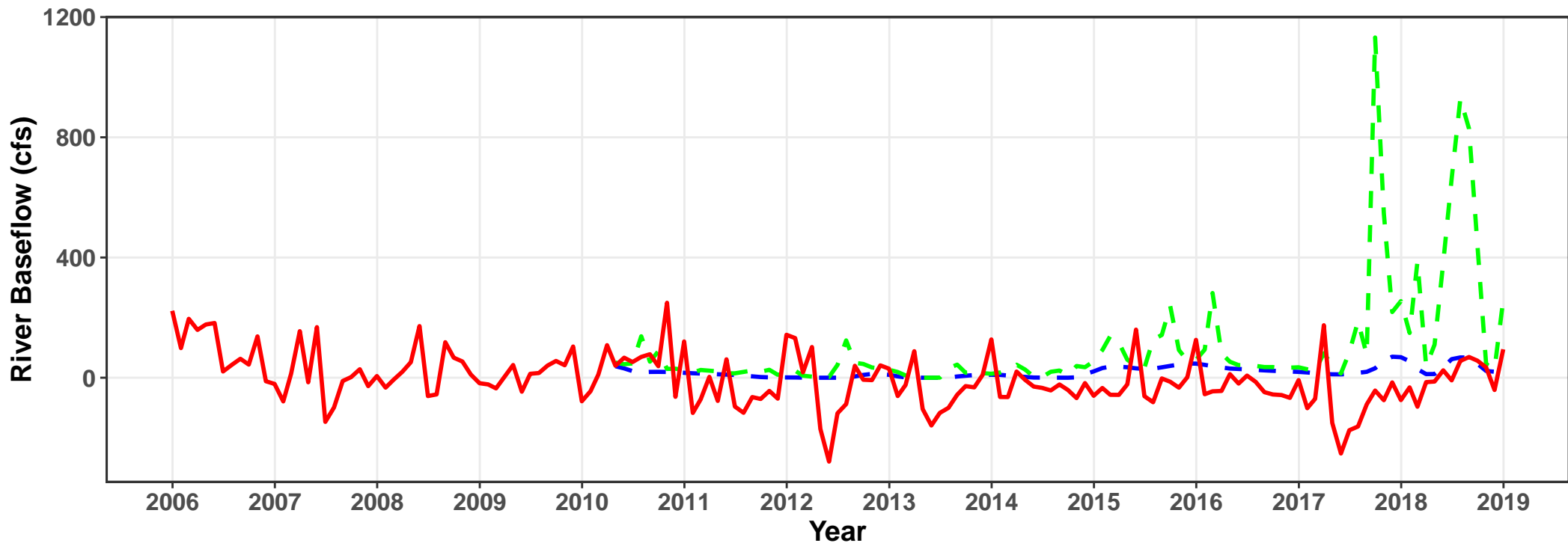


Flow-Duration Curve

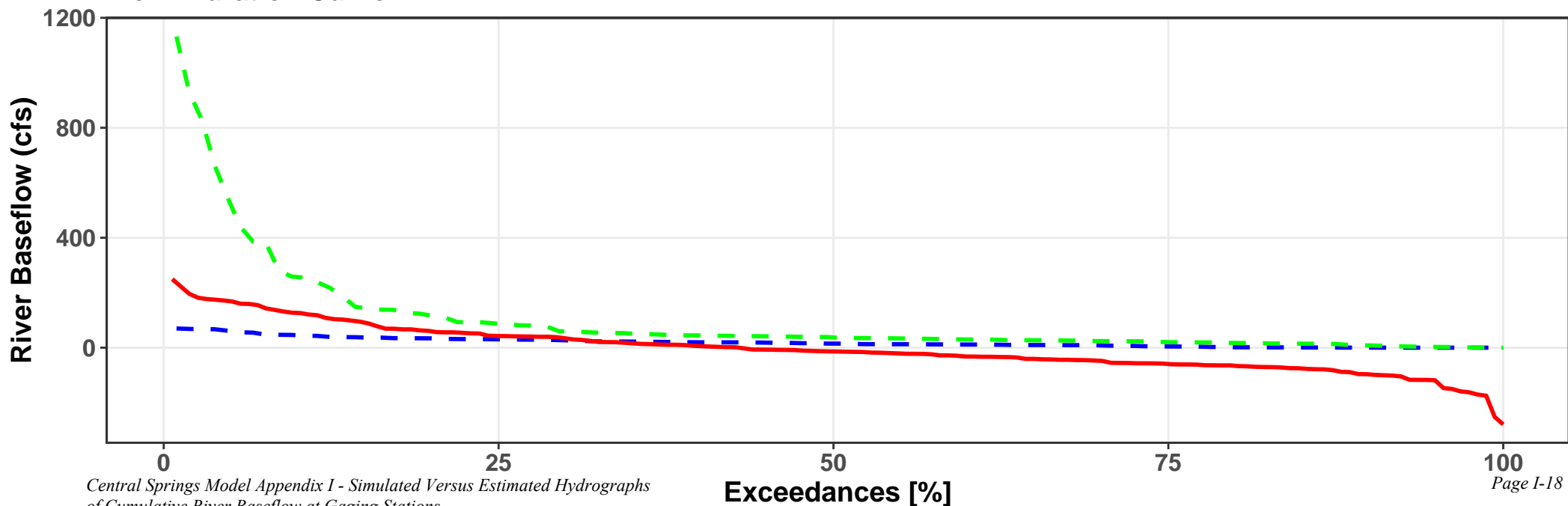


USGS02239000 @ OCKLAWAHA RIVER NR OCALA,FLA.

— Estimated Maximum — Estimated Minimum — Simulated

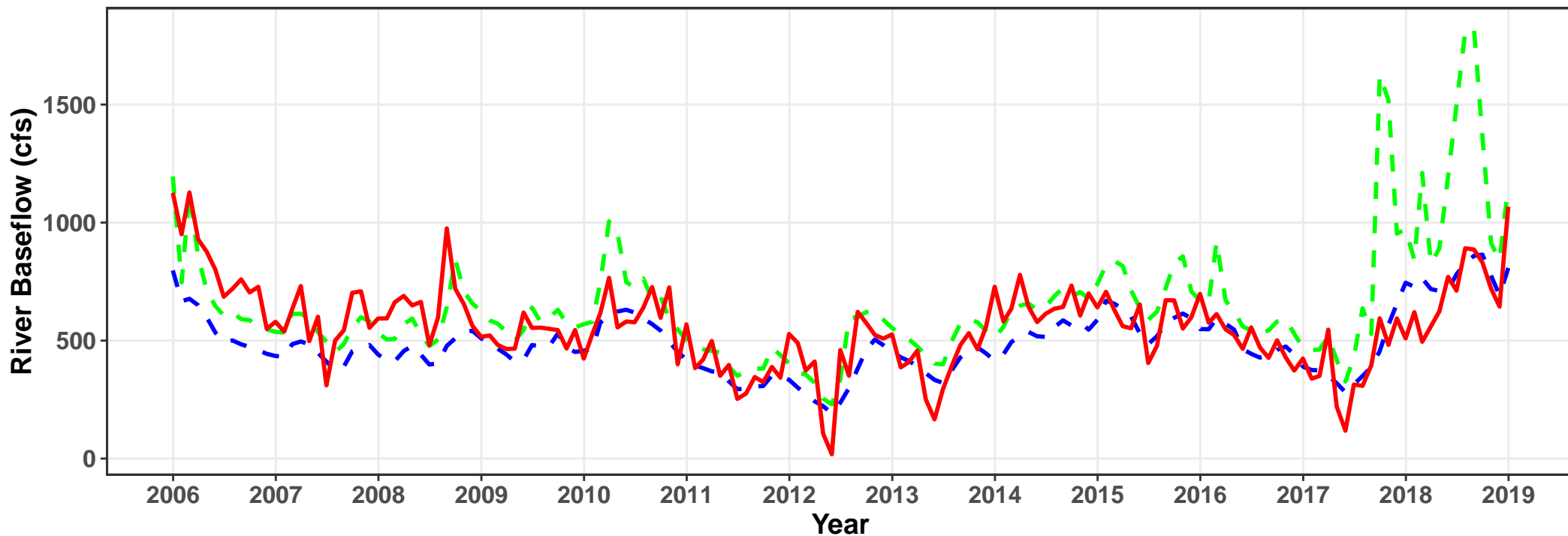


Flow–Duration Curve

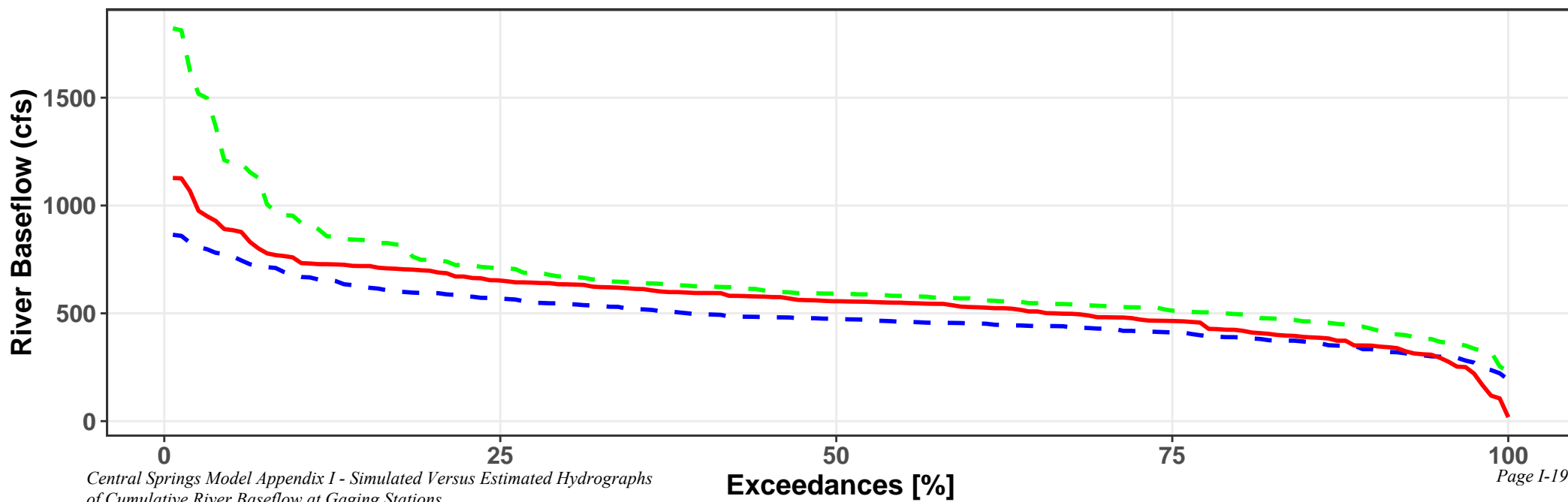


USGS02240000 @ OCKLAWAHA RIVER NEAR CONNER, FL

— Estimated Maximum — Estimated Minimum — Simulated

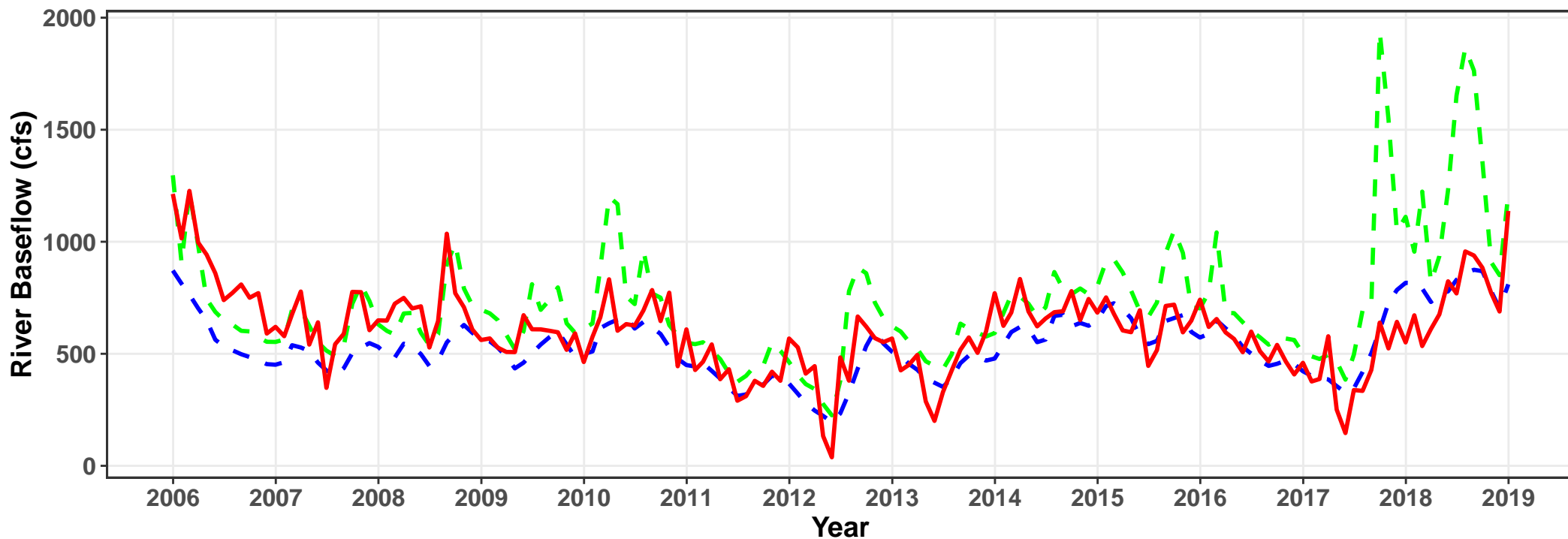


Flow-Duration Curve

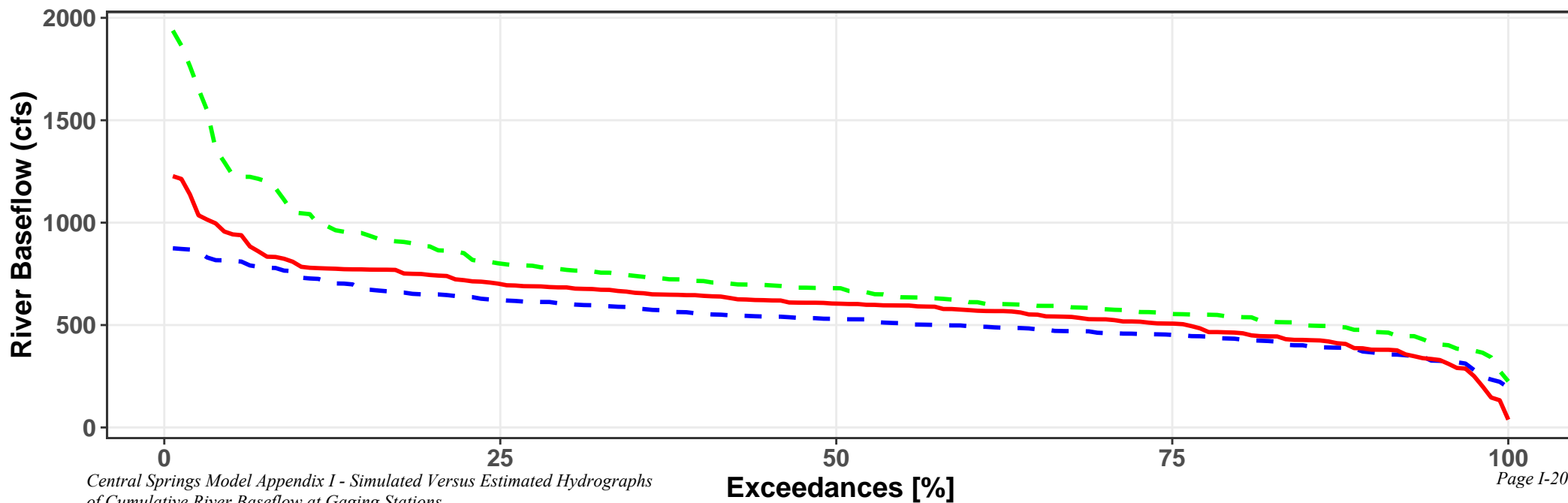


USGS02240500 @ OCKLAWAHA RIVER AT EUREKA, FL

— Estimated Maximum — Estimated Minimum — Simulated

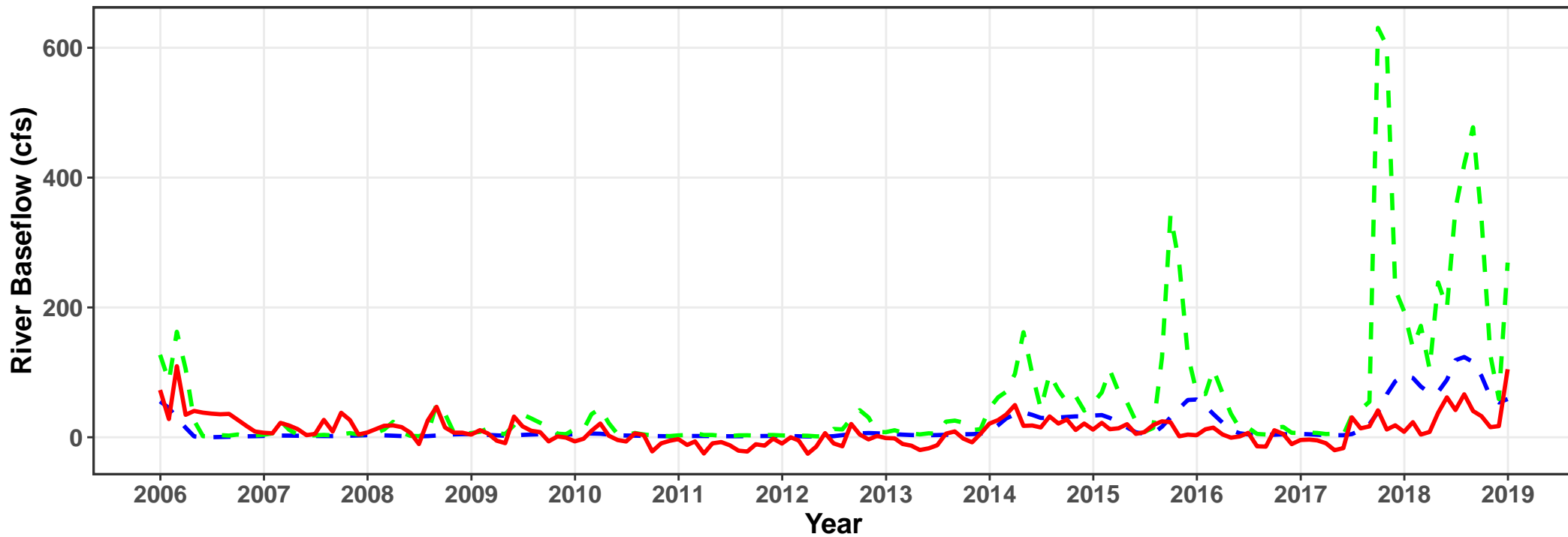


Flow–Duration Curve

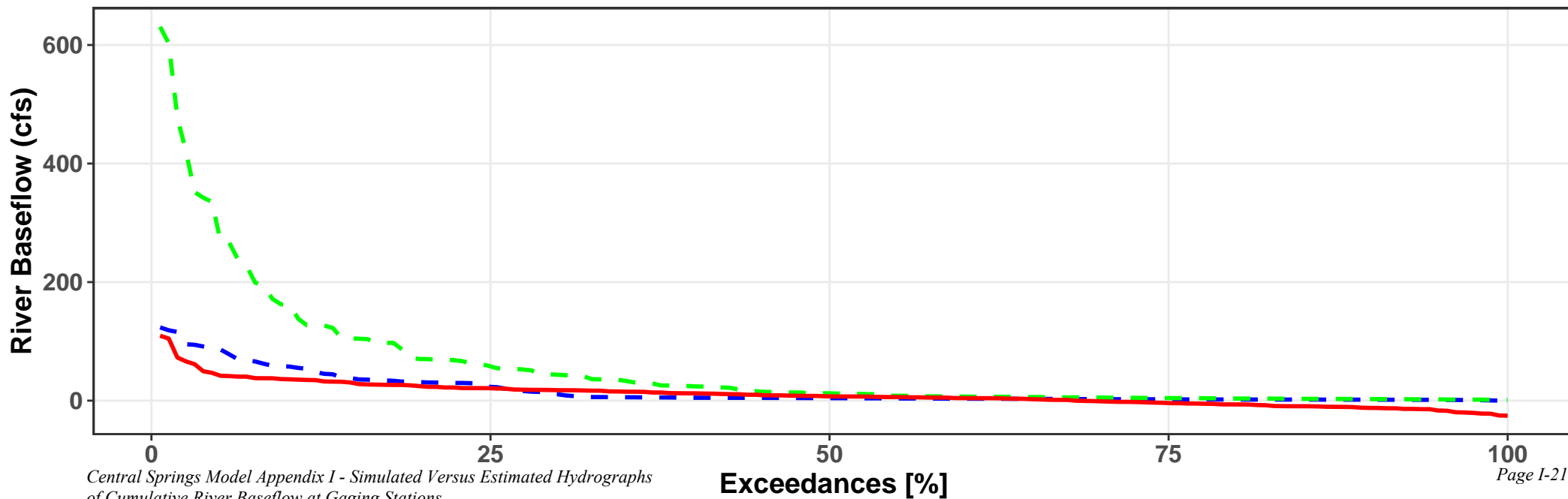


USGS02243000 @ ORANGE CREEK AT ORANGE SPRINGS, FL

— Estimated Maximum — Estimated Minimum — Simulated

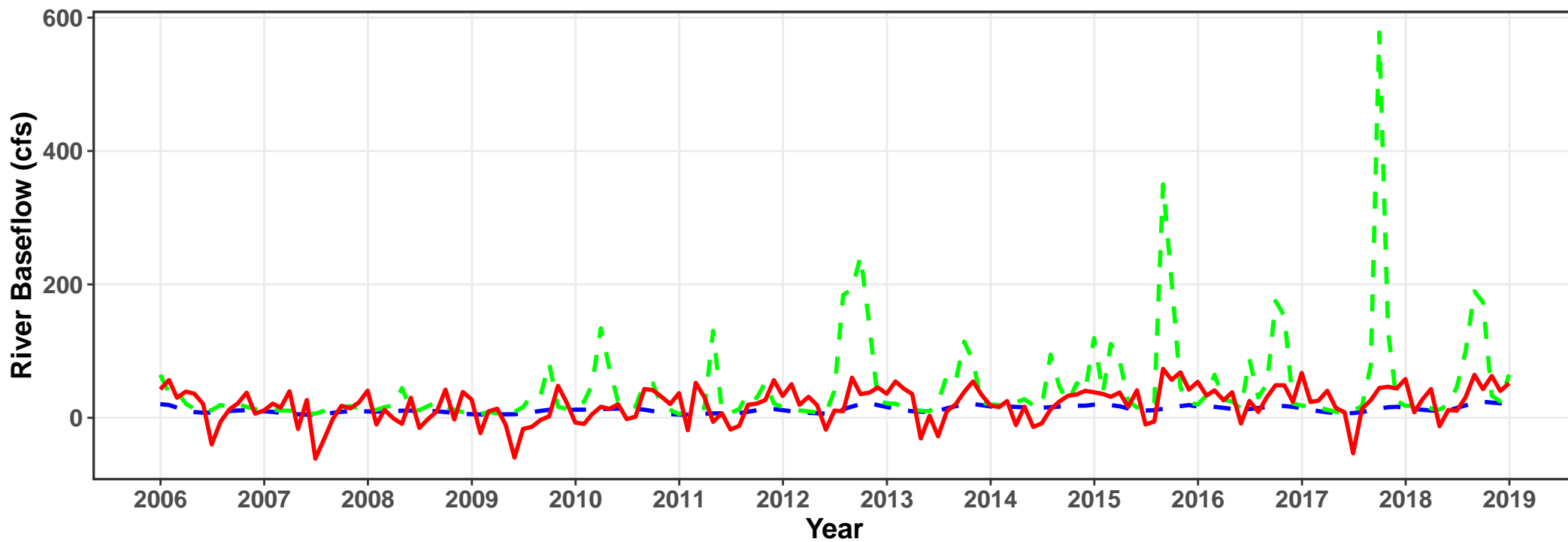


Flow-Duration Curve

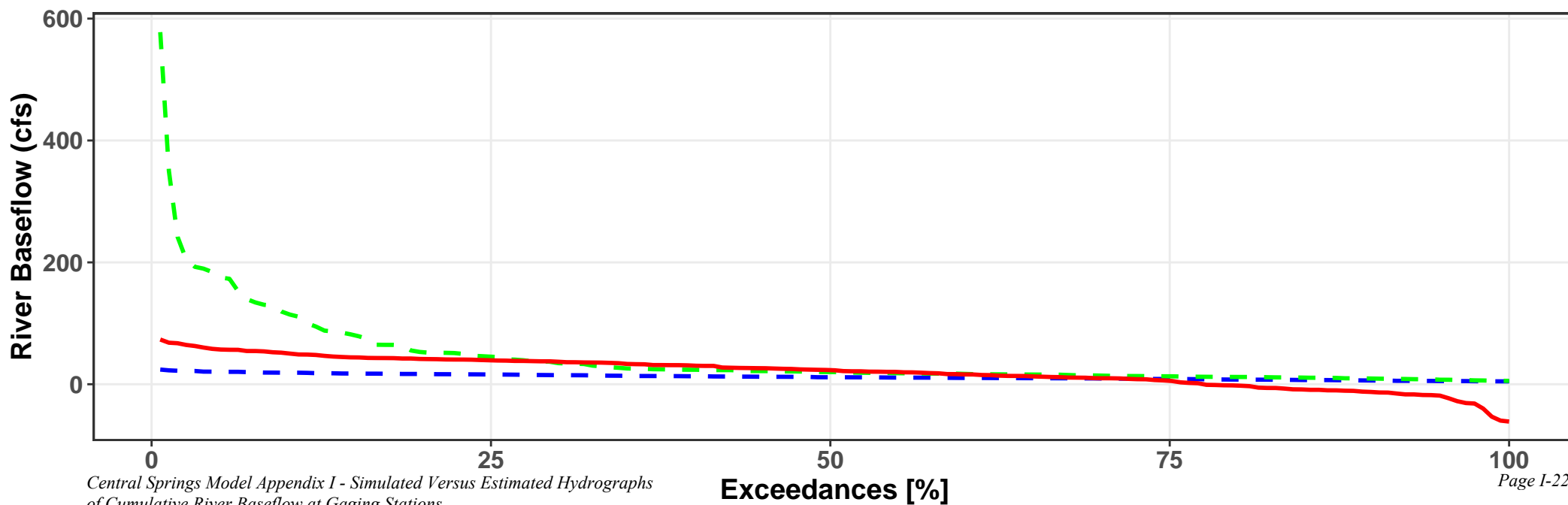


USGS02301990 @ HILLSBOROUGH R AB CRYSTAL SPR NEAR ZEPHYRHILLS FL

Estimated Maximum Estimated Minimum Simulated

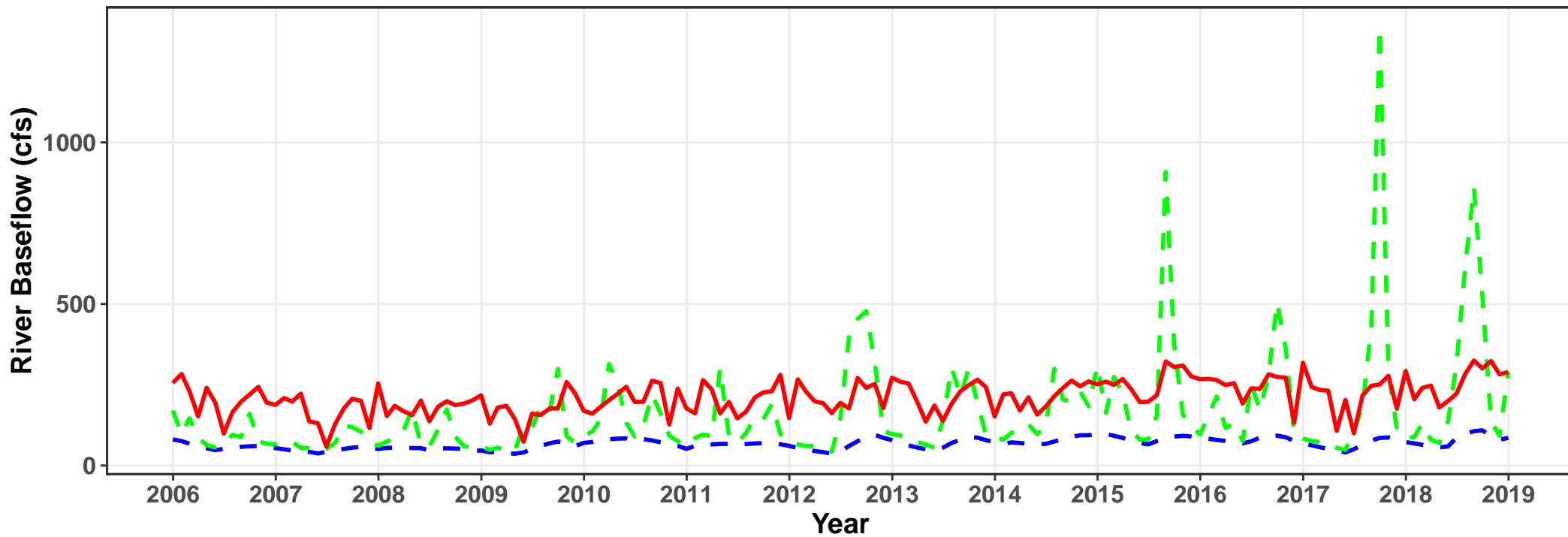


Flow-Duration Curve

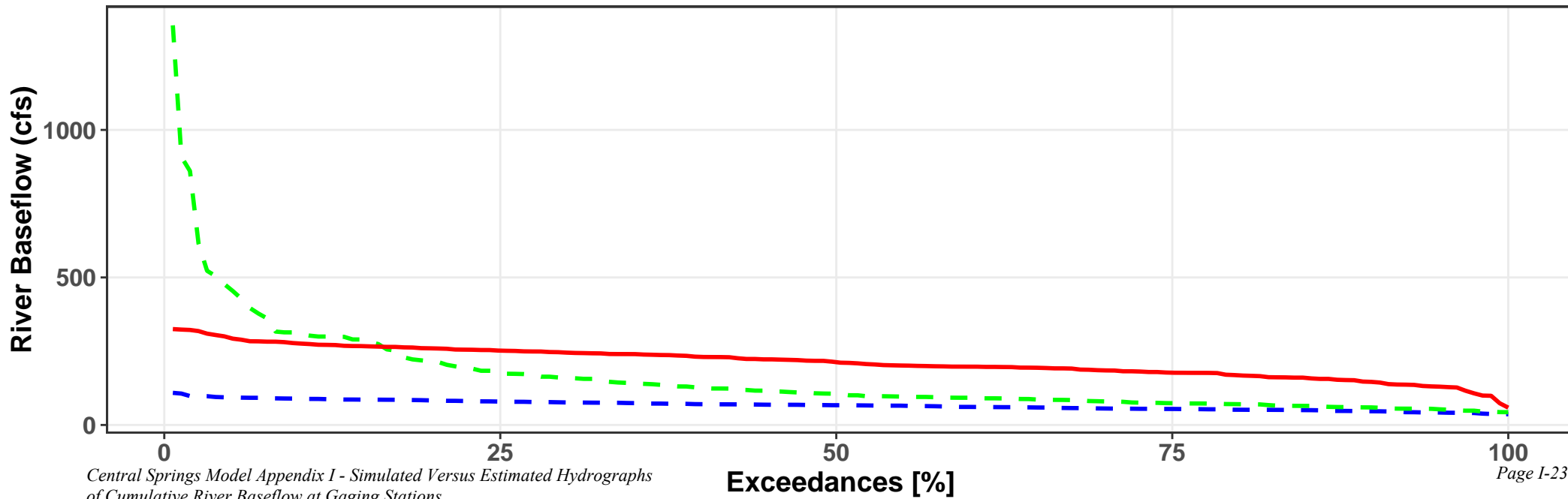


USGS02303000 @ HILLSBOROUGH RV AT STATE PARK NR ZEPHYRHILLS, FL

— Estimated Maximum — Estimated Minimum — Simulated

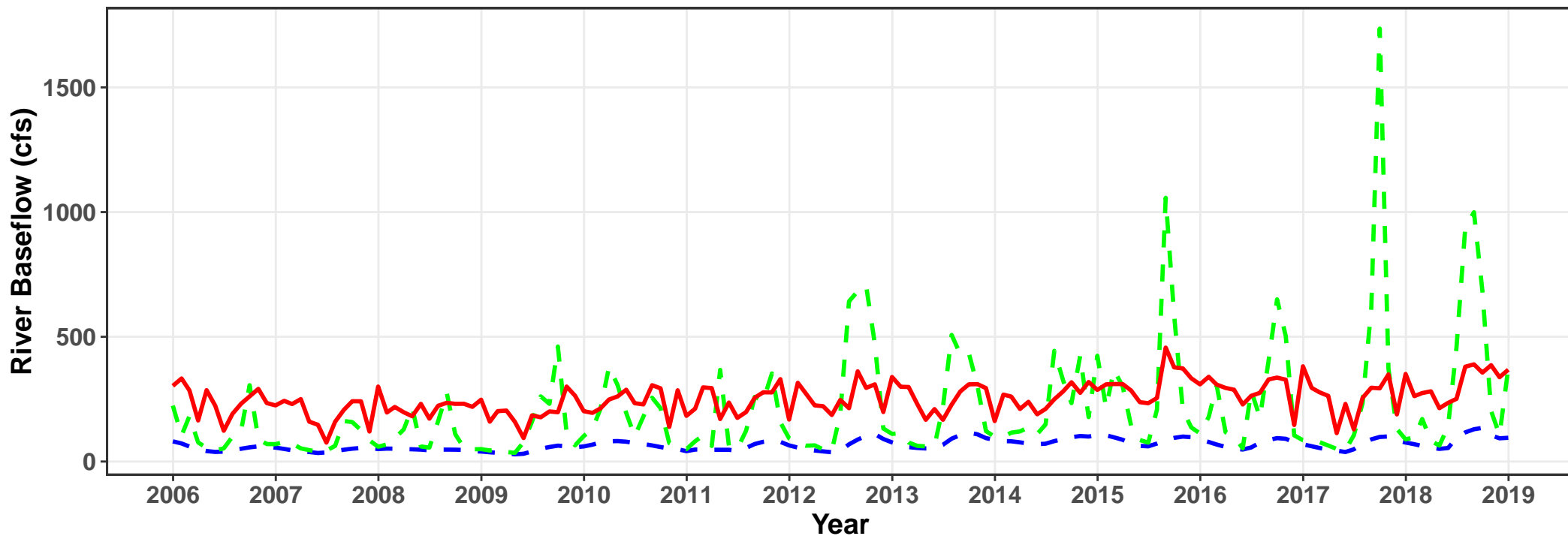


Flow–Duration Curve

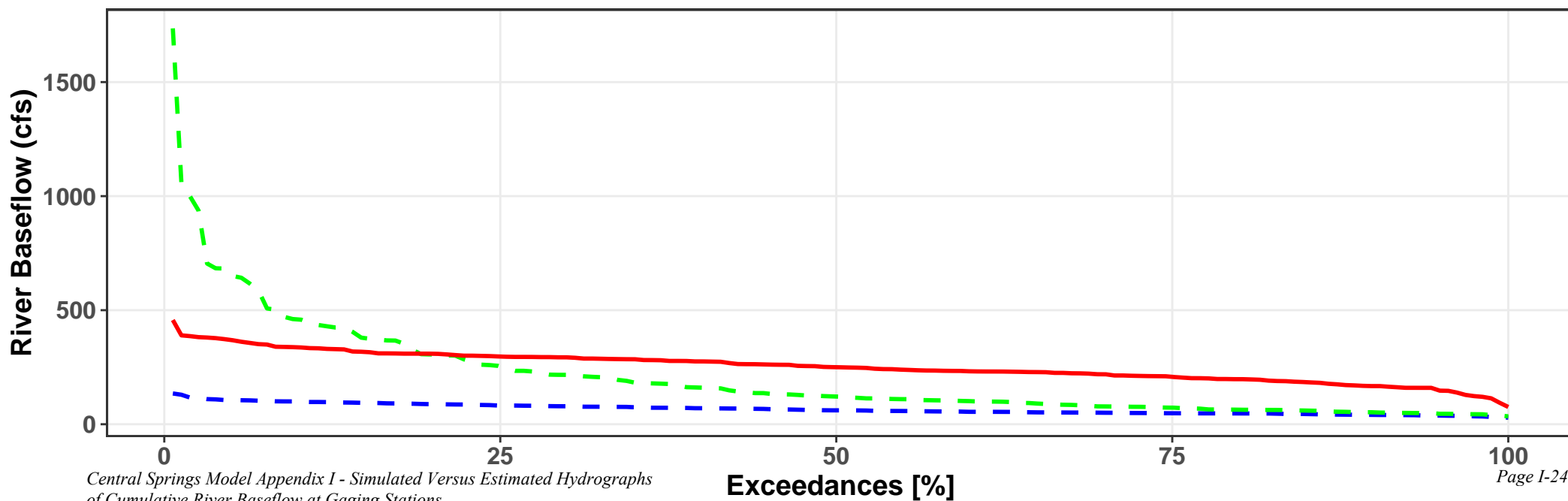


USGS02303330 @ HILLSBOROUGH R AT MORRIS BR NEAR THONOTOSASSA FL

— Estimated Maximum — Estimated Minimum — Simulated

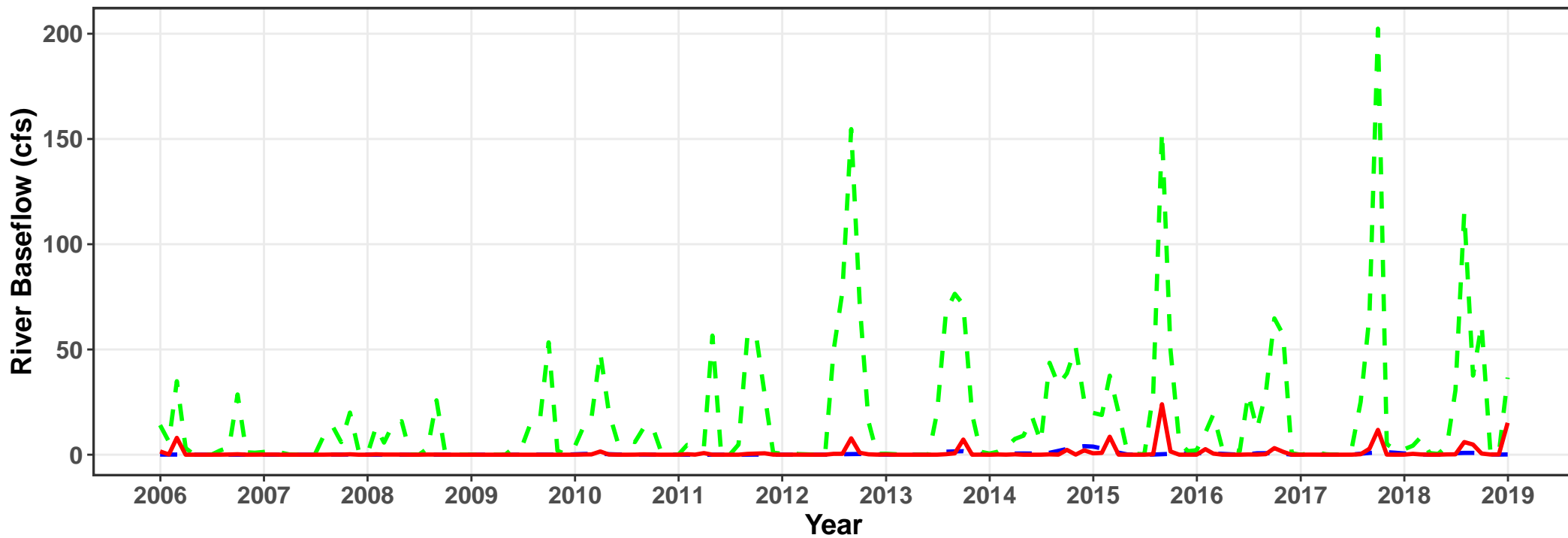


Flow–Duration Curve

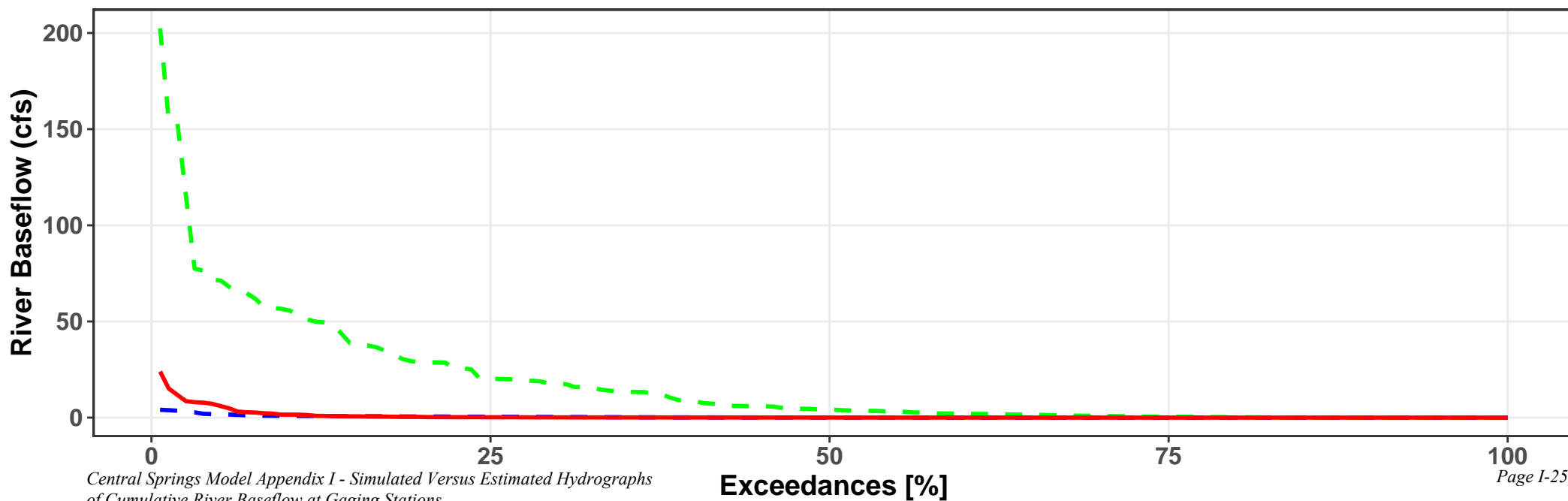


USGS02303350 @ TROUT CREEK NEAR SULPHUR SPRINGS FL

Estimated Maximum Estimated Minimum Simulated

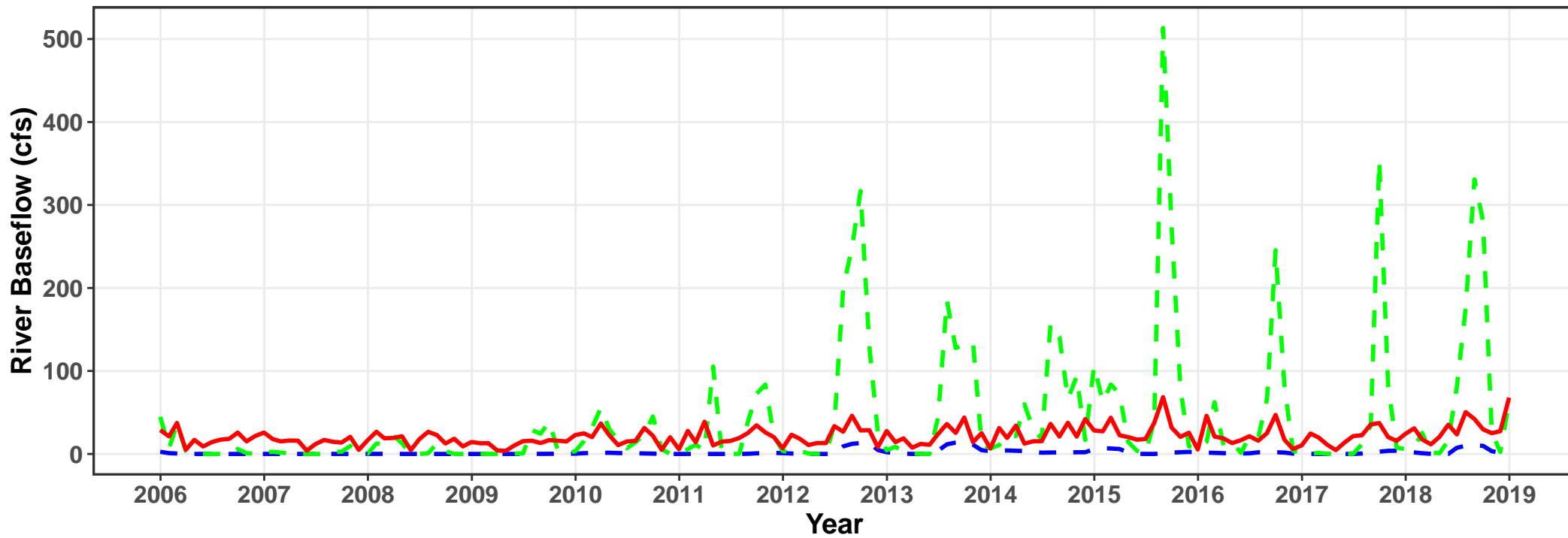


Flow-Duration Curve

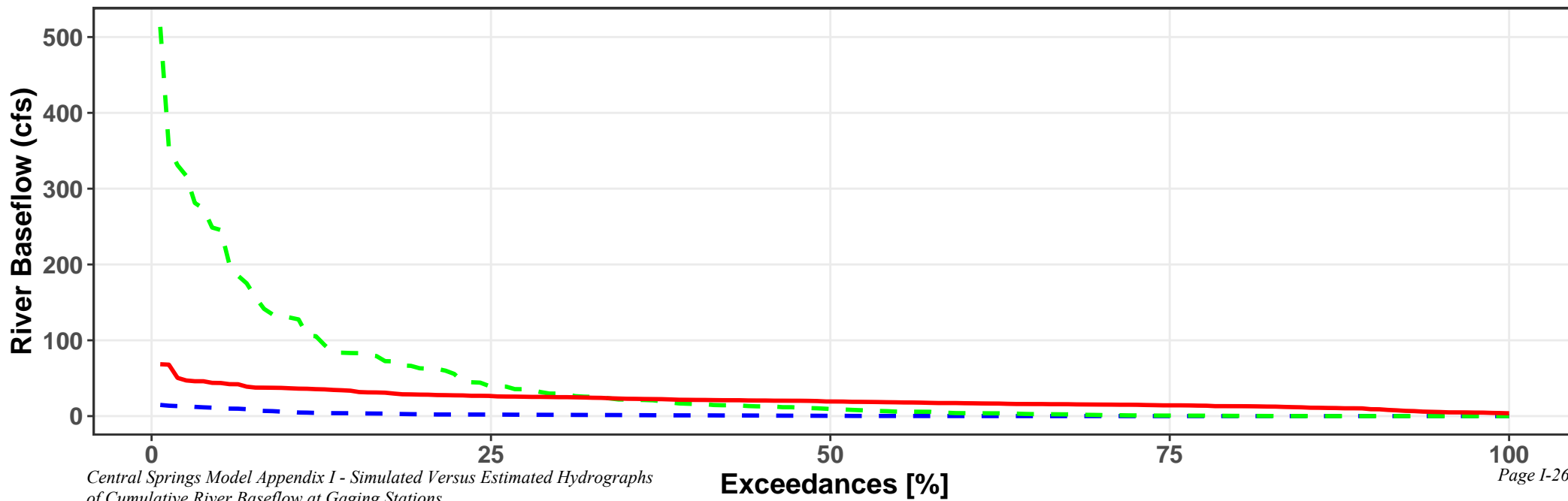


USGS02303420 @ CYPRESS CREEK AT SR 54 AT WORTHINGTON GARDENS, FL

Estimated Maximum Estimated Minimum Simulated

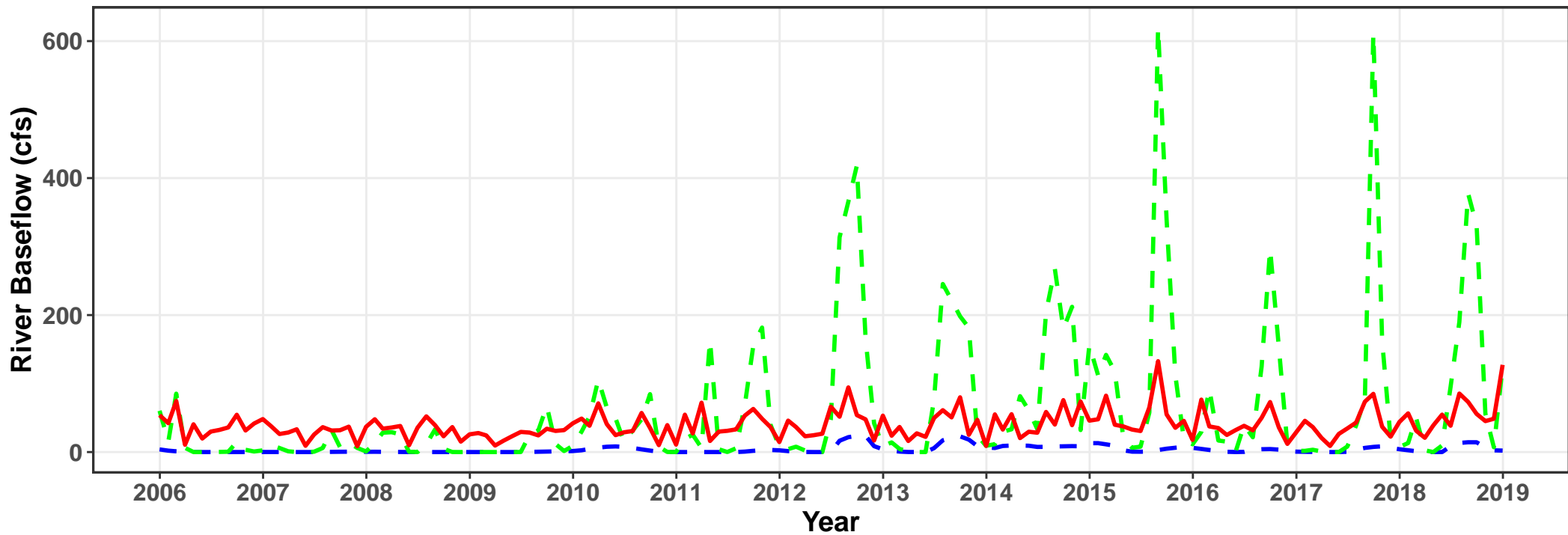


Flow-Duration Curve

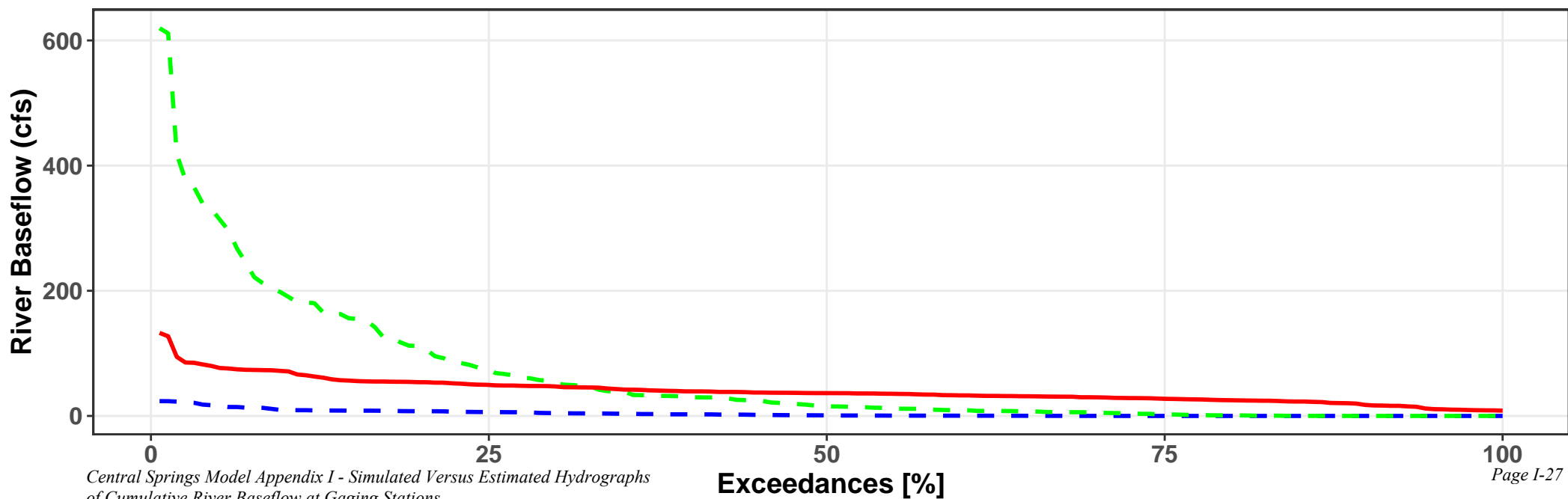


USGS02303800 @ CYPRESS CREEK NEAR SULPHUR SPRINGS FL

— Estimated Maximum — Estimated Minimum — Simulated

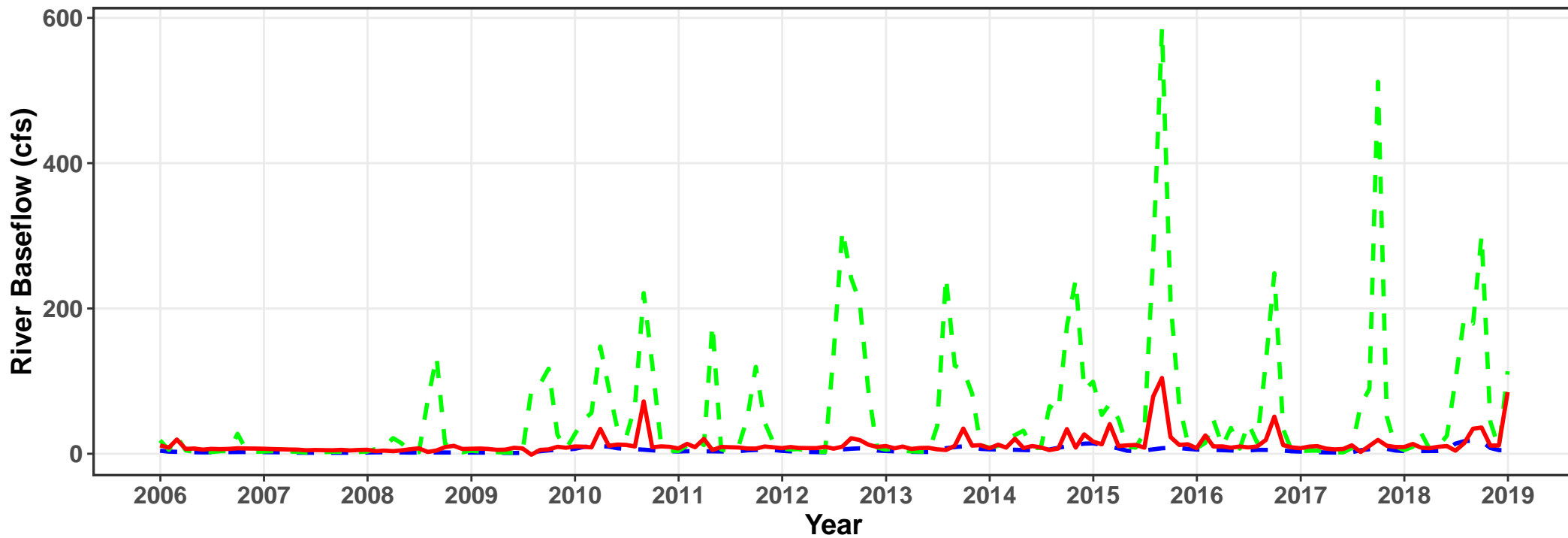


Flow-Duration Curve

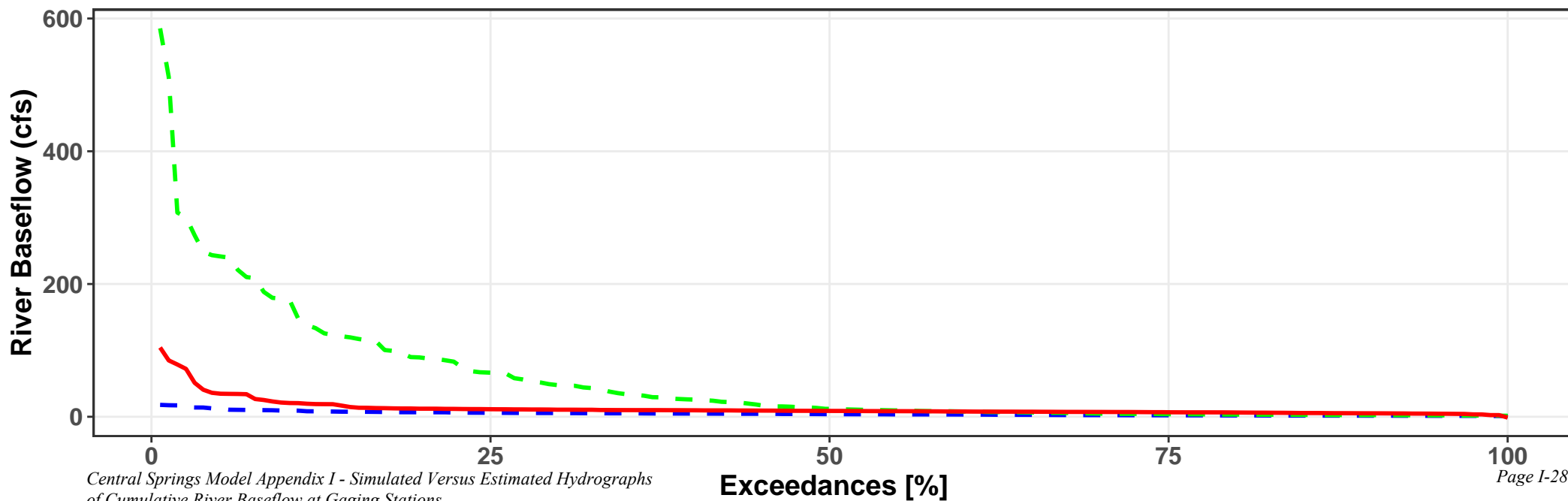


USGS02310000 @ ANCLOTE RIVER AT LITTLE RD NEAR ELFERS, FL

Estimated Maximum Estimated Minimum Simulated

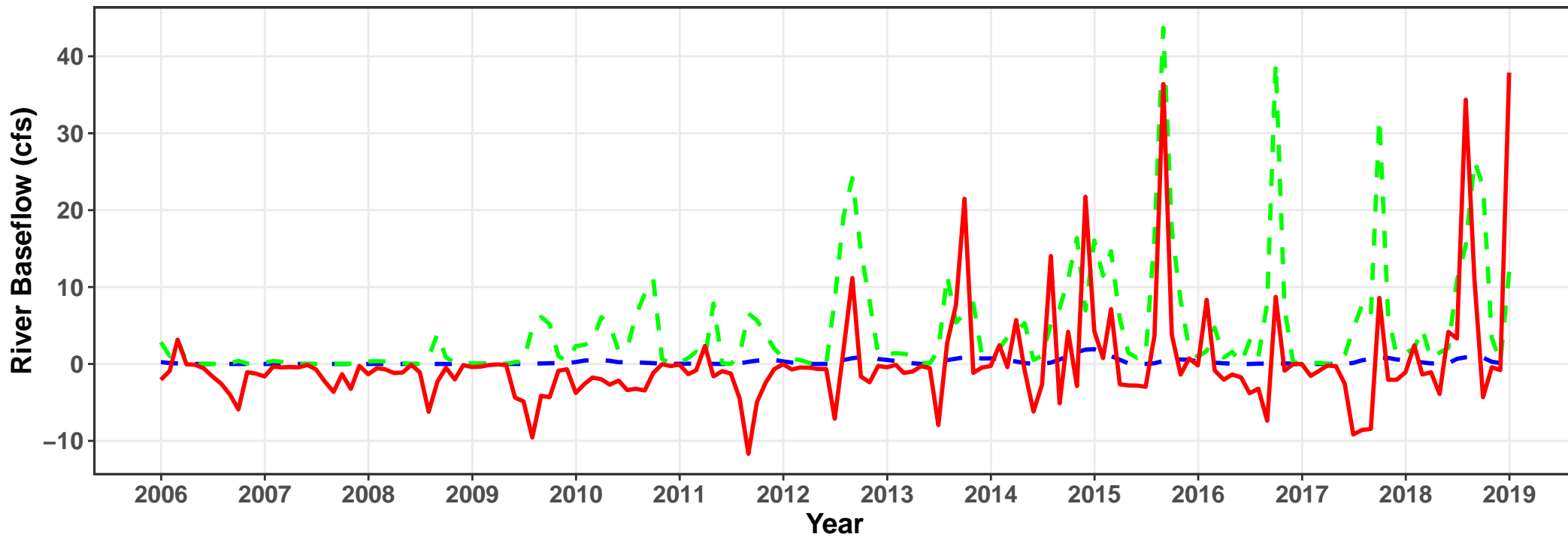


Flow-Duration Curve

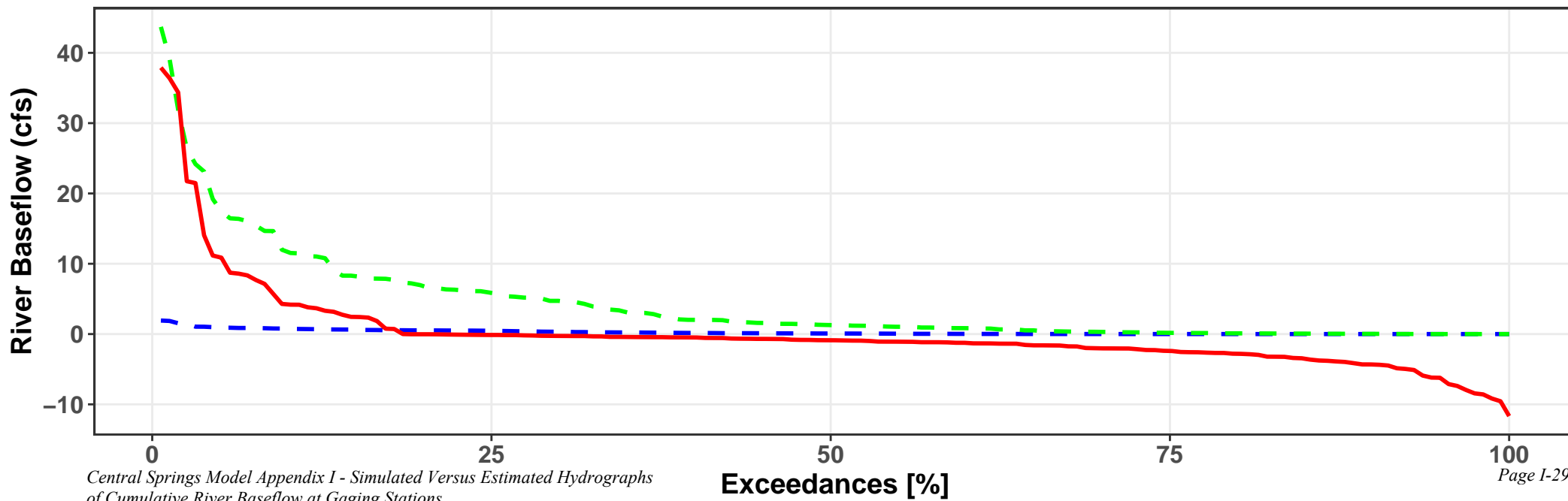


USGS02310280 @ PITHLACHASCOTEE RIVER NEAR FIVAY JUNCTION FL

Estimated Maximum Estimated Minimum Simulated

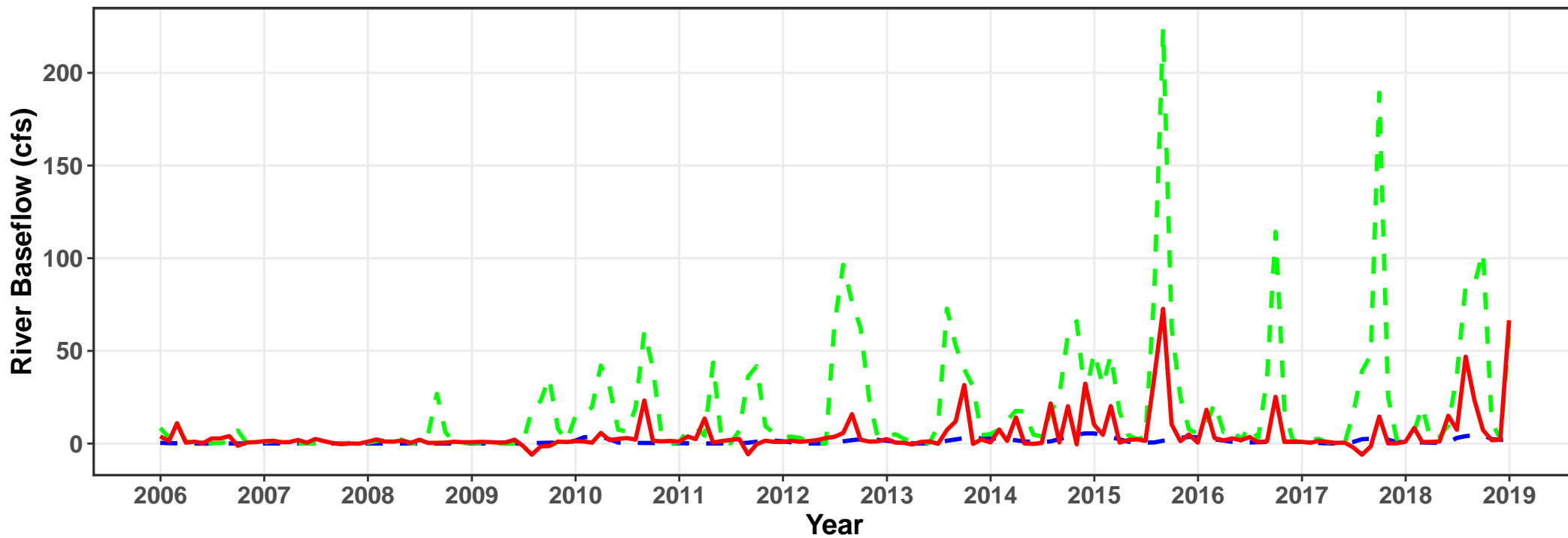


Flow-Duration Curve

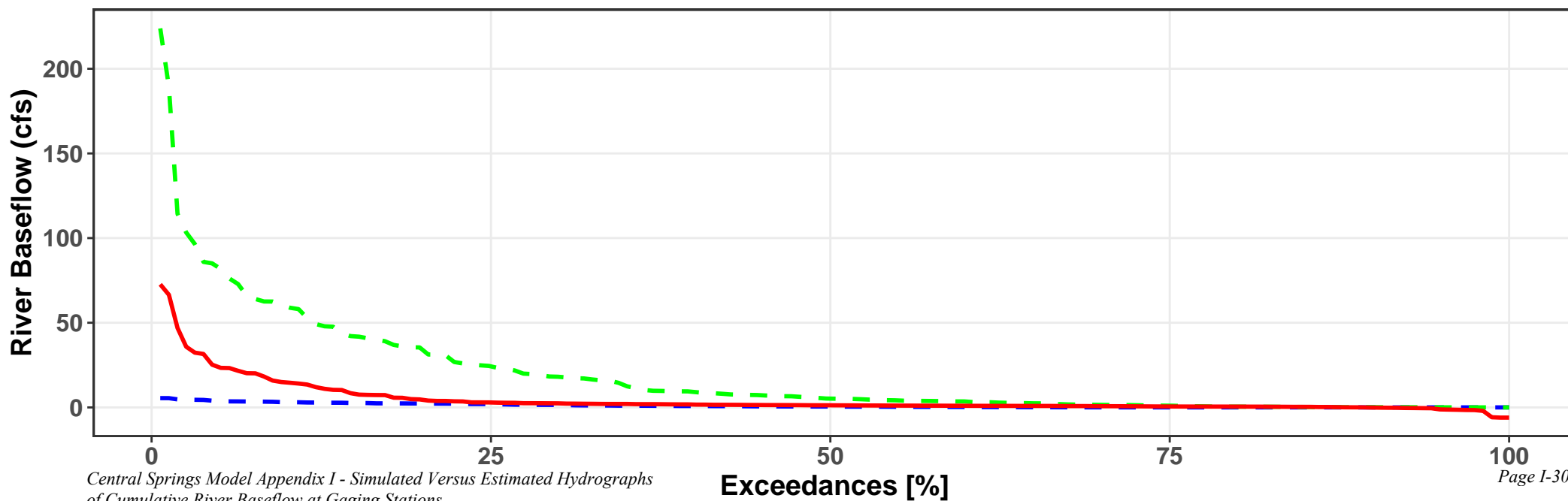


USGS02310300 @ PITHLACHASCOTEE RIVER NEAR NEW PORT RICHEY FL

Estimated Maximum Estimated Minimum Simulated

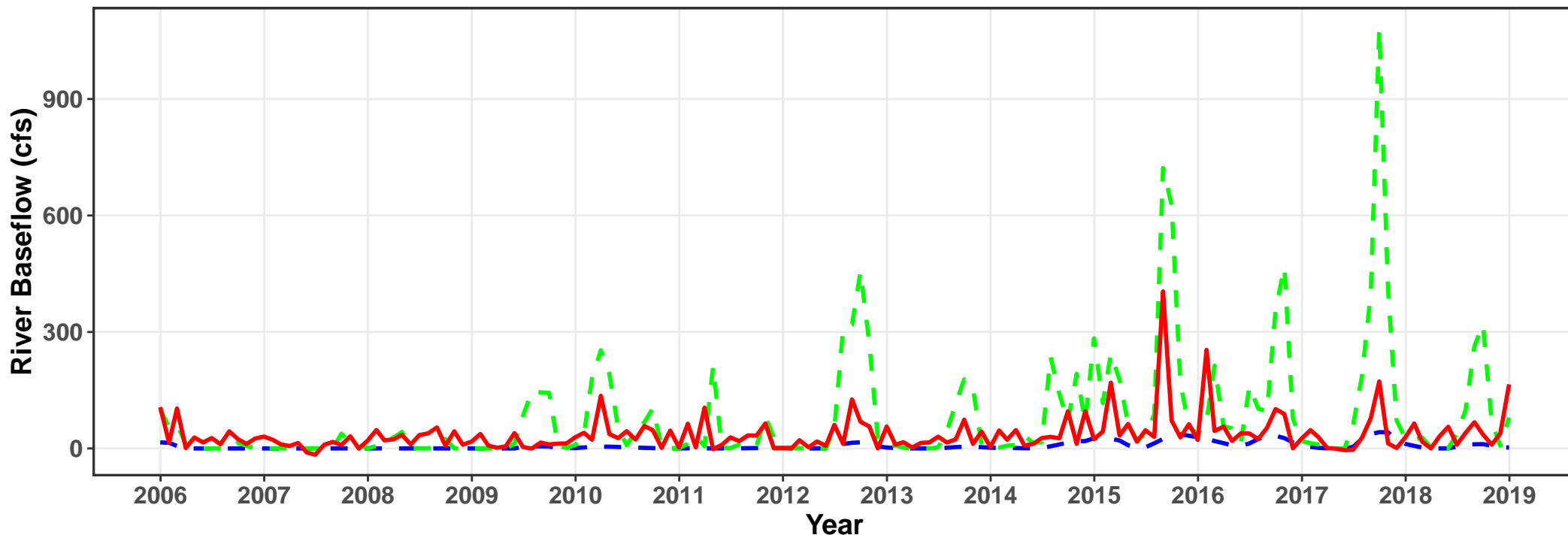


Flow-Duration Curve

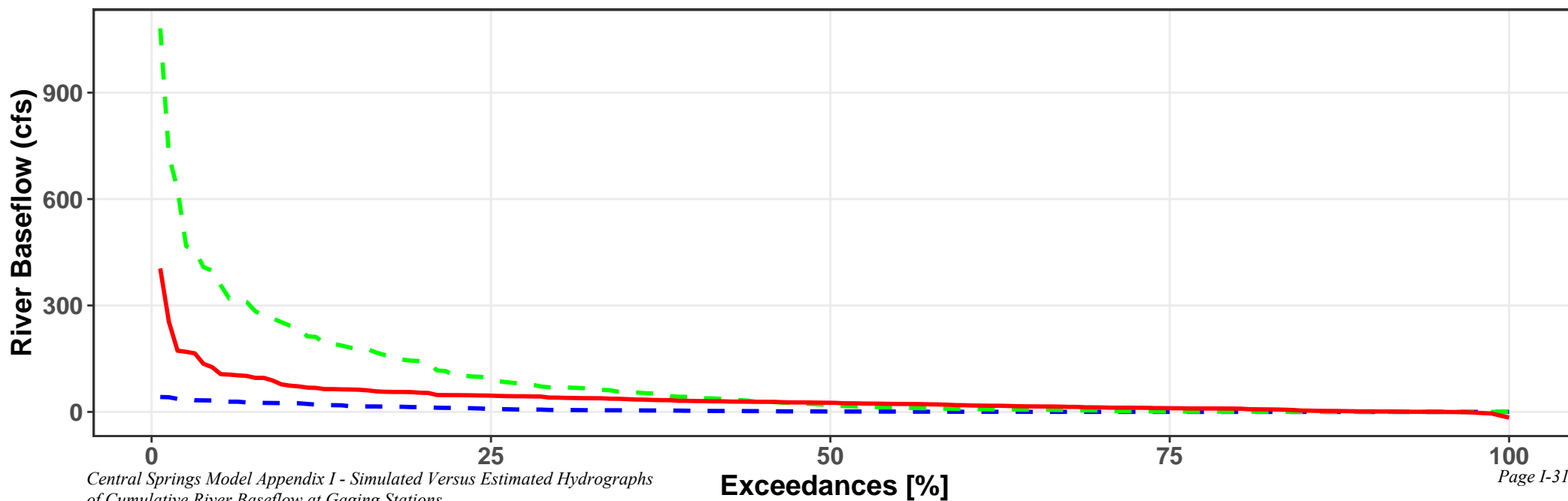


USGS02310947 @ WITHLACOOCHEE RIVER NEAR CUMPRESSCO, FL

Estimated Maximum Estimated Minimum Simulated

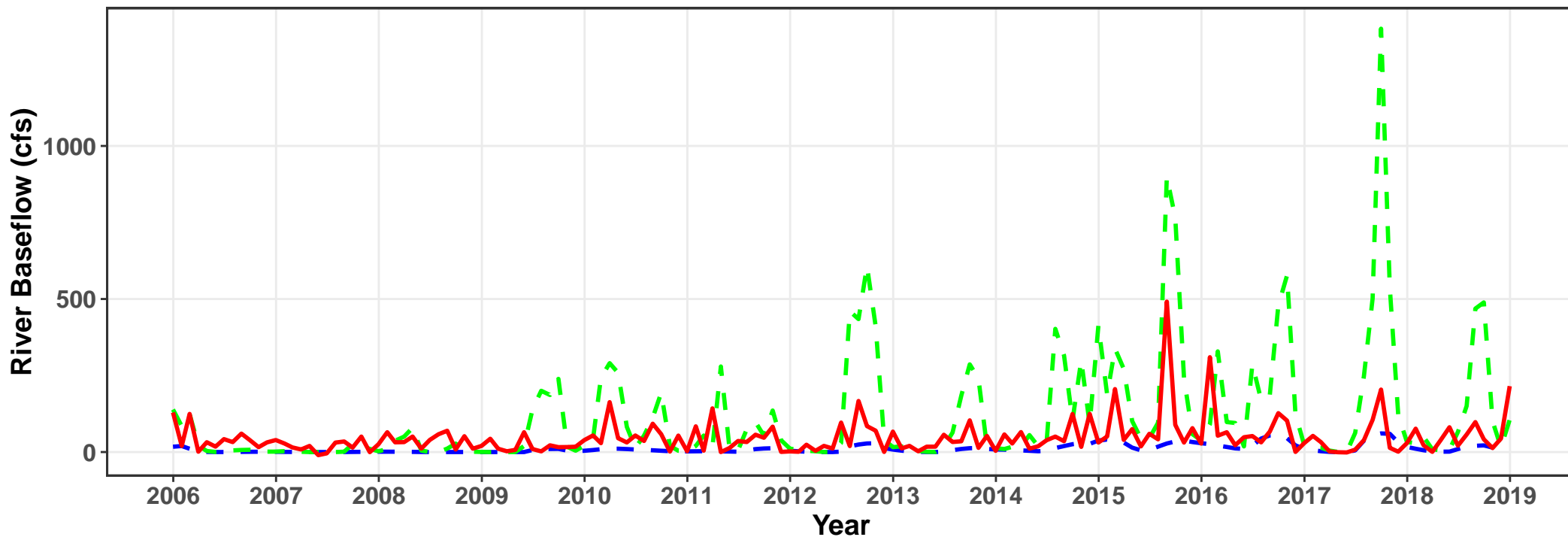


Flow-Duration Curve

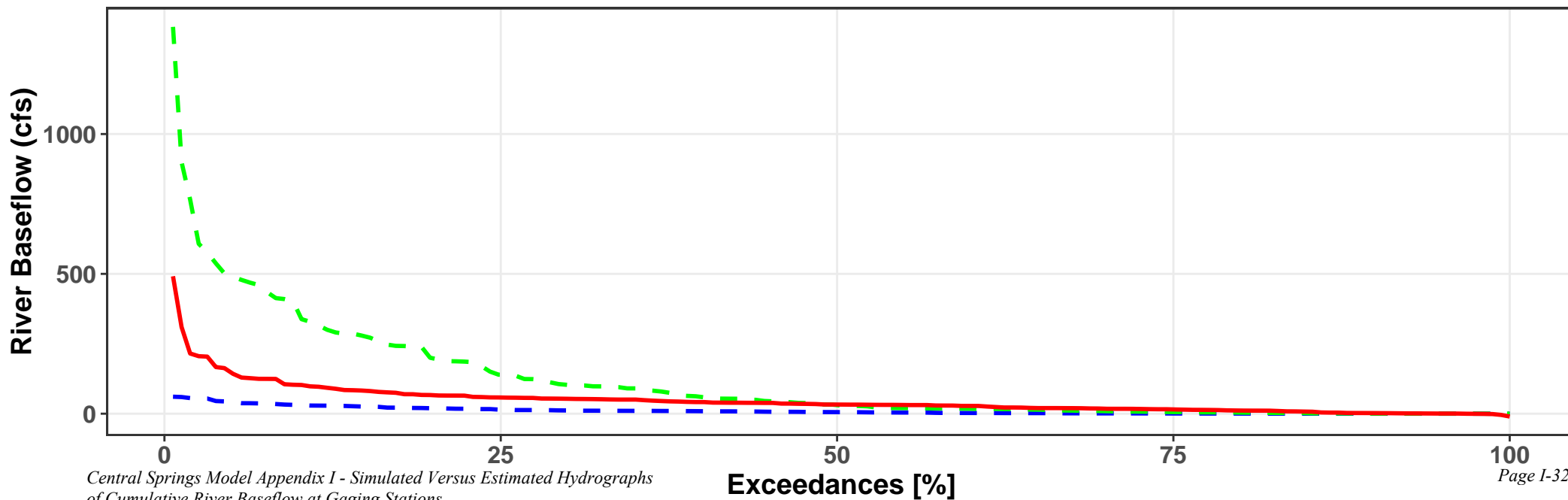


USGS02311500 @ WITHLACOOCHEE RIVER NEAR DADE CITY, FL

— Estimated Maximum — Estimated Minimum — Simulated

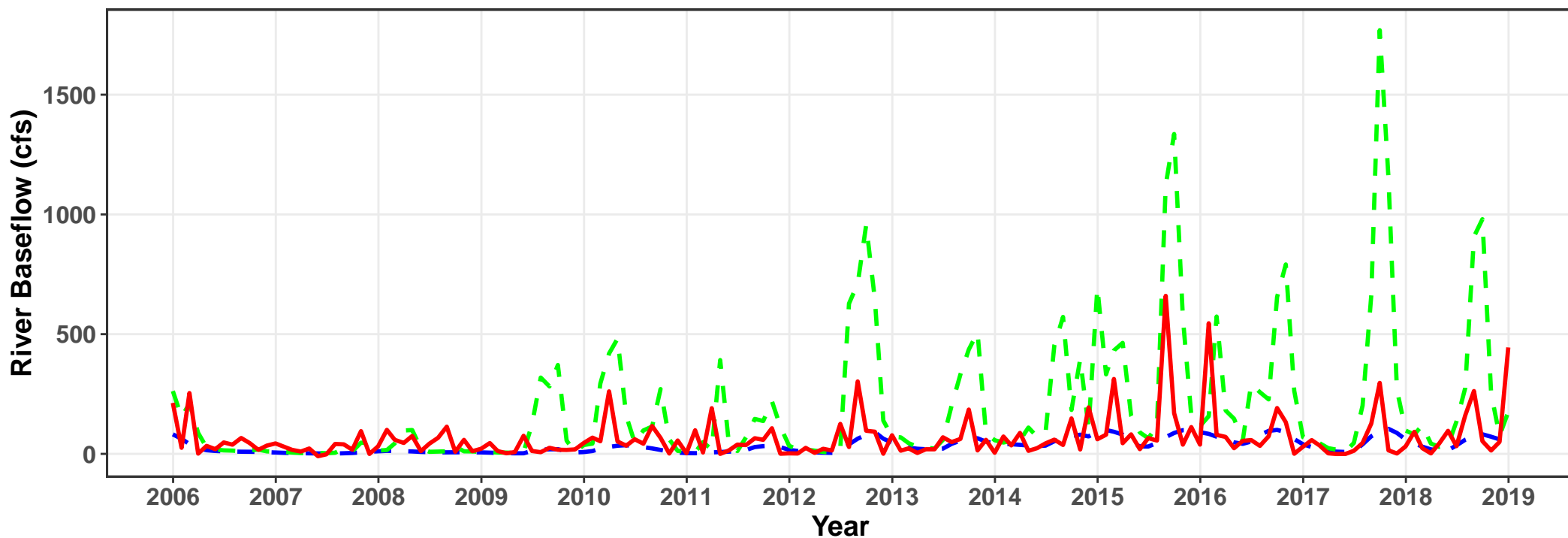


Flow–Duration Curve

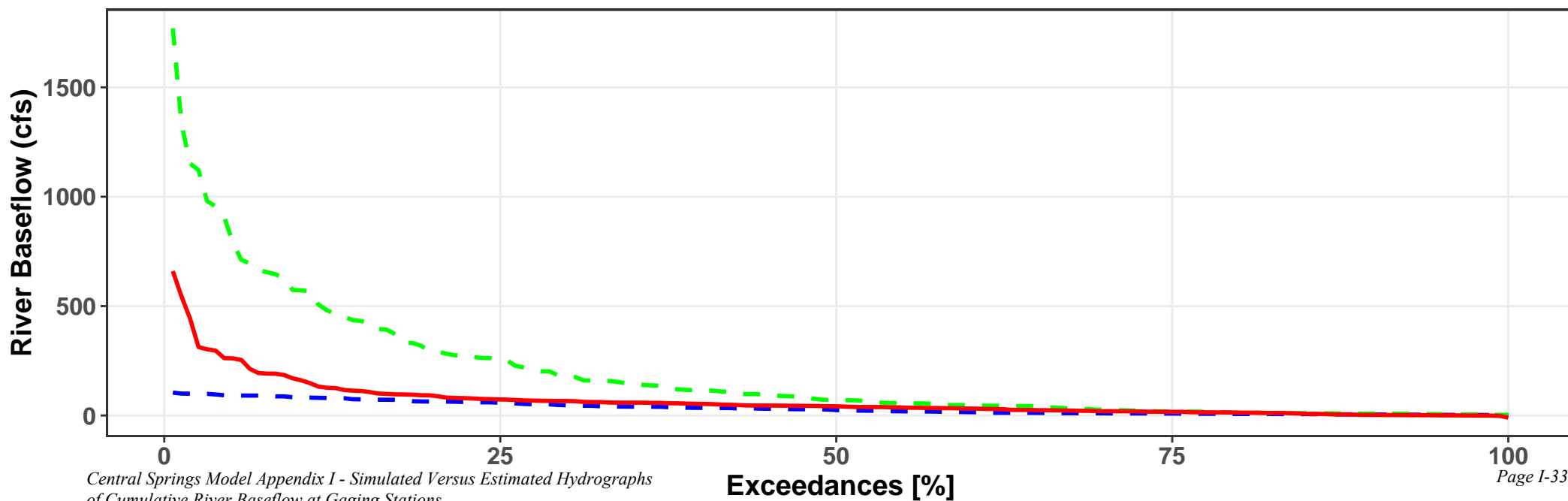


USGS02312000 @ WITHLACOOCHEE RIVER AT US 301 AT TRILBY, FL

— Estimated Maximum — Estimated Minimum — Simulated

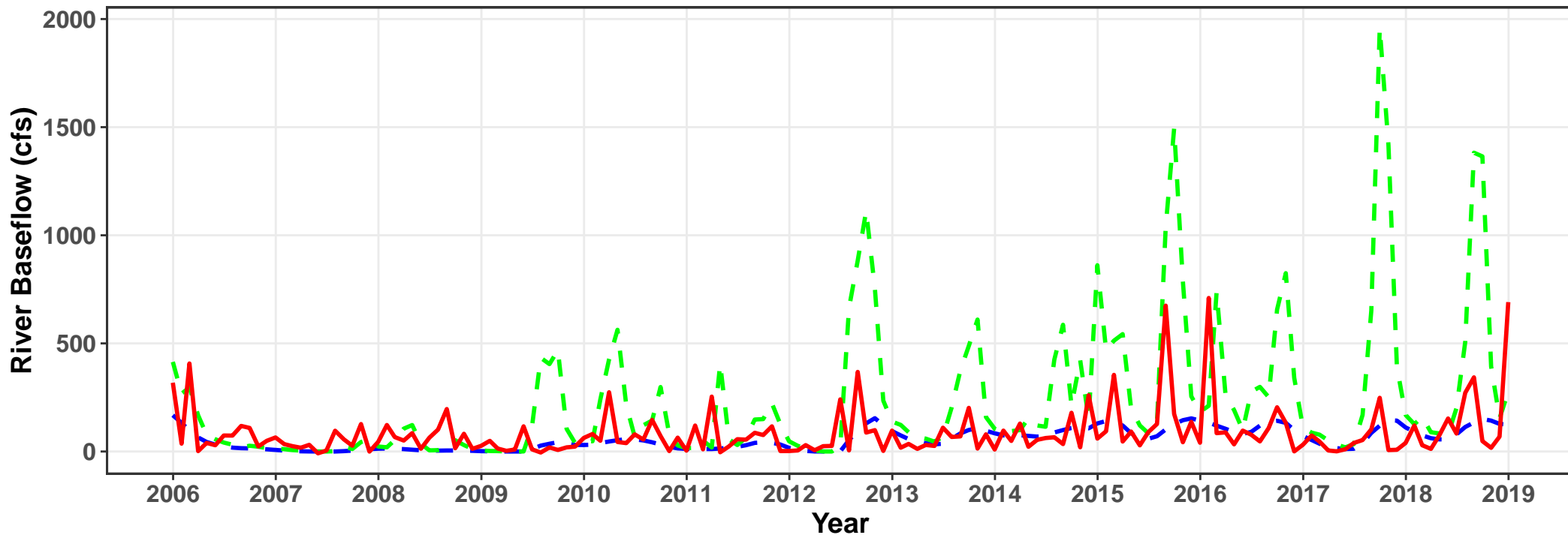


Flow–Duration Curve

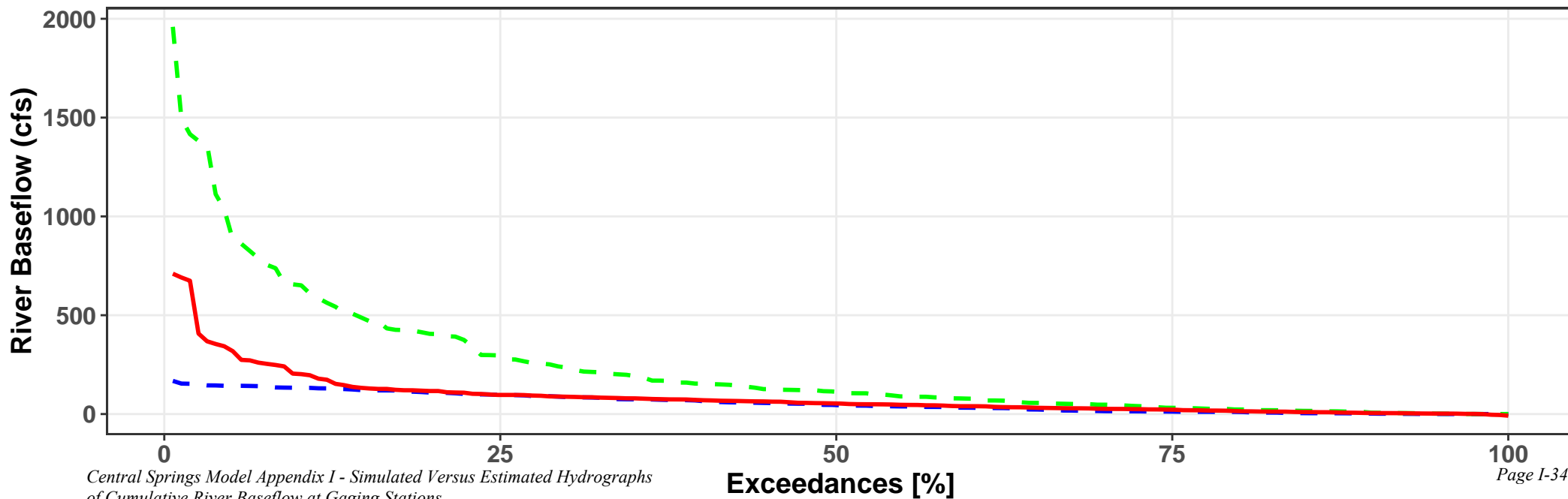


USGS02312500 @ WITHLACOOCHEE RIVER AT CROOM, FL

— Estimated Maximum — Estimated Minimum — Simulated

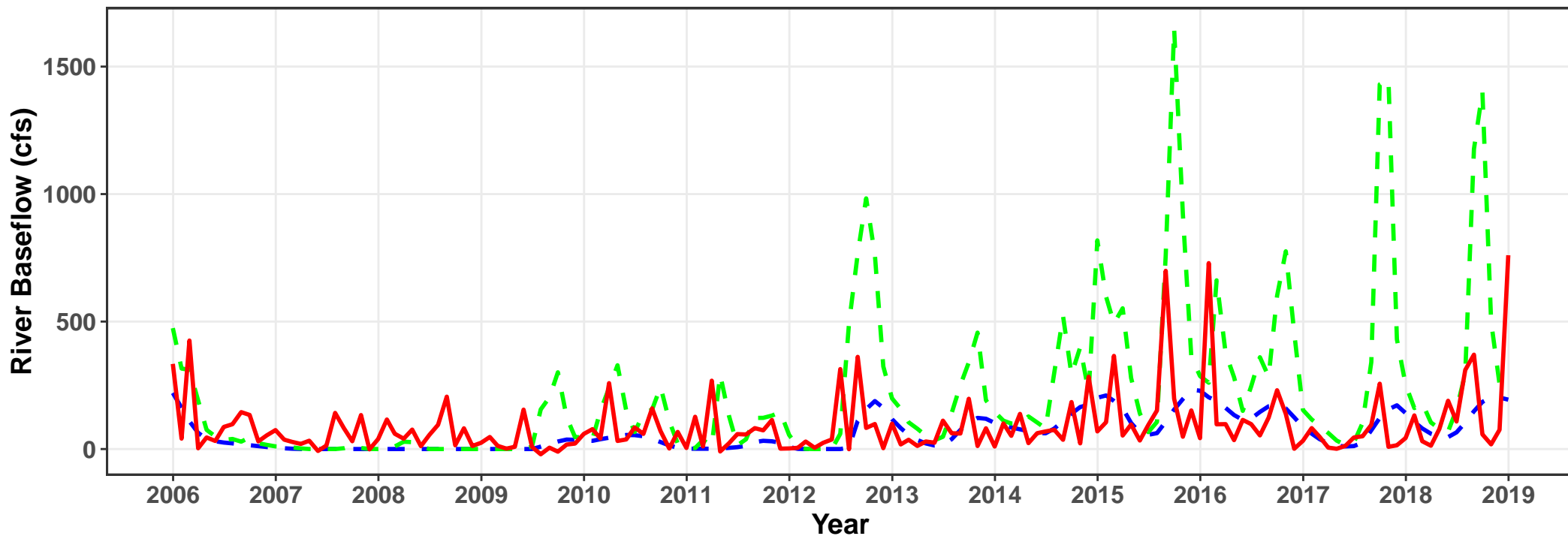


Flow–Duration Curve

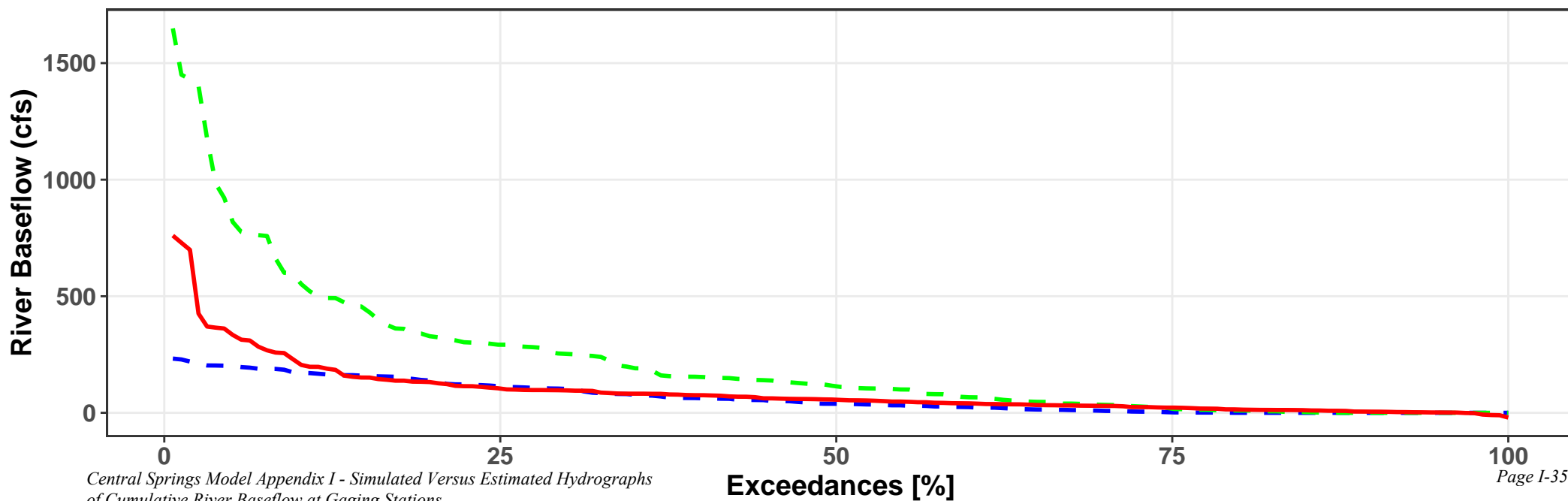


USGS02312600 @ WITHLACOOCHEE RIVER NEAR FLORAL CITY, FL

— Estimated Maximum — Estimated Minimum — Simulated

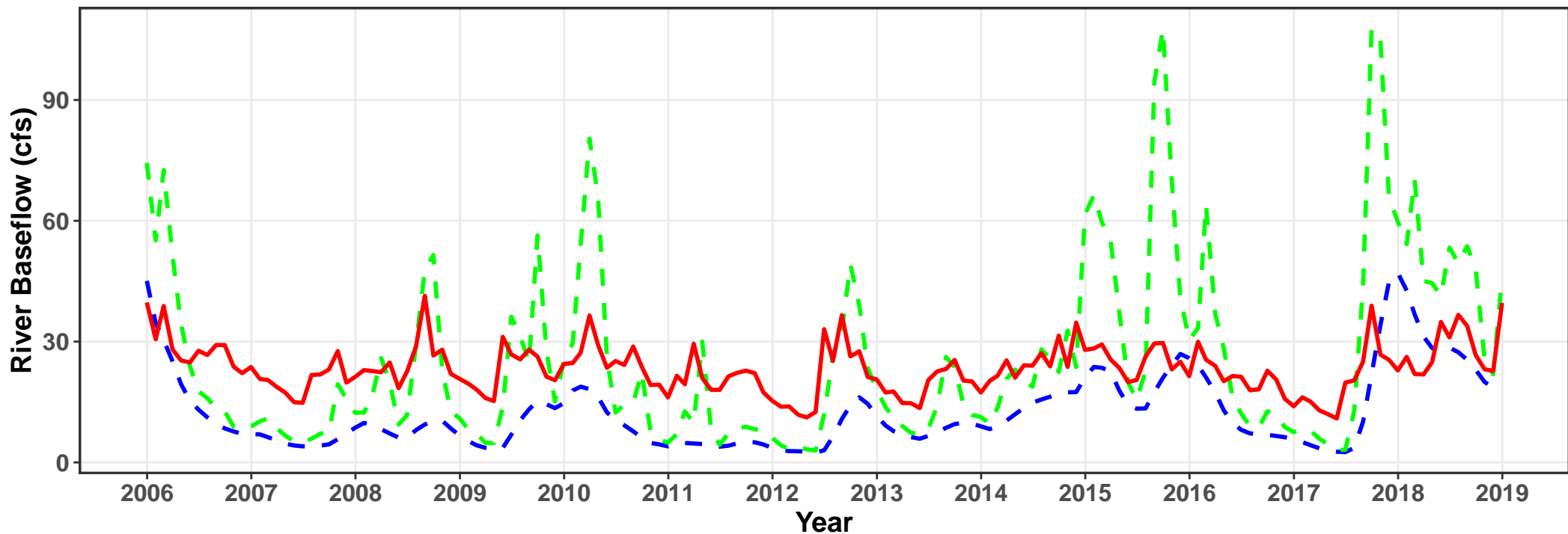


Flow–Duration Curve

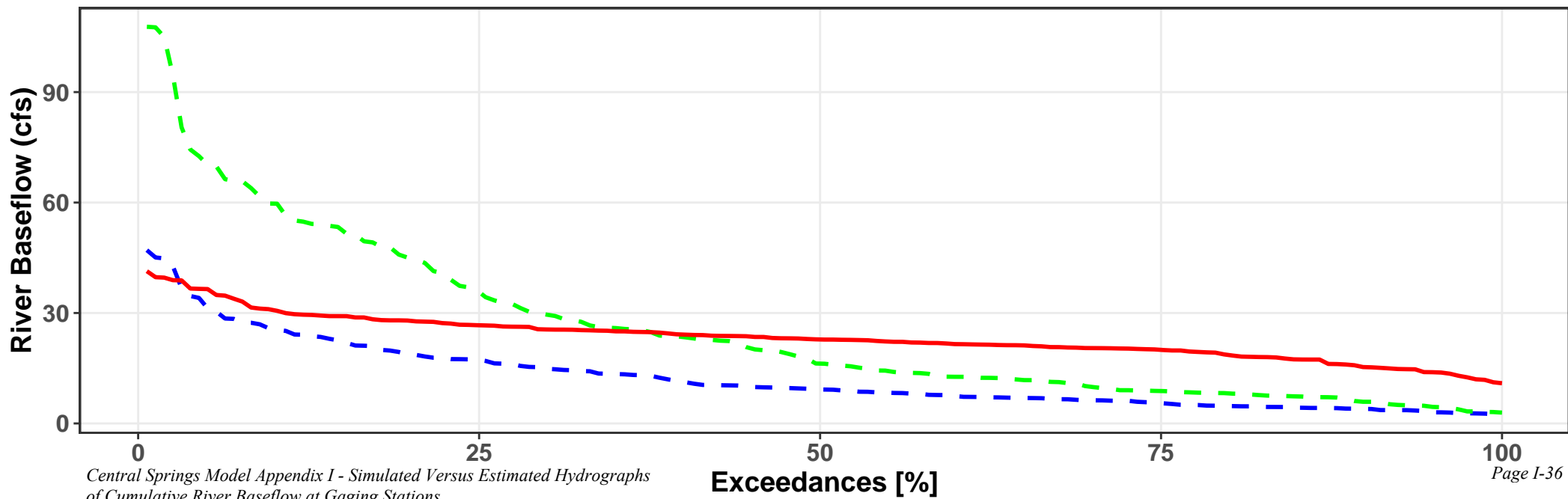


USGS02312667 @ SHADY BROOK NEAR SUMTERVILLE, FL

— Estimated Maximum — Estimated Minimum — Simulated

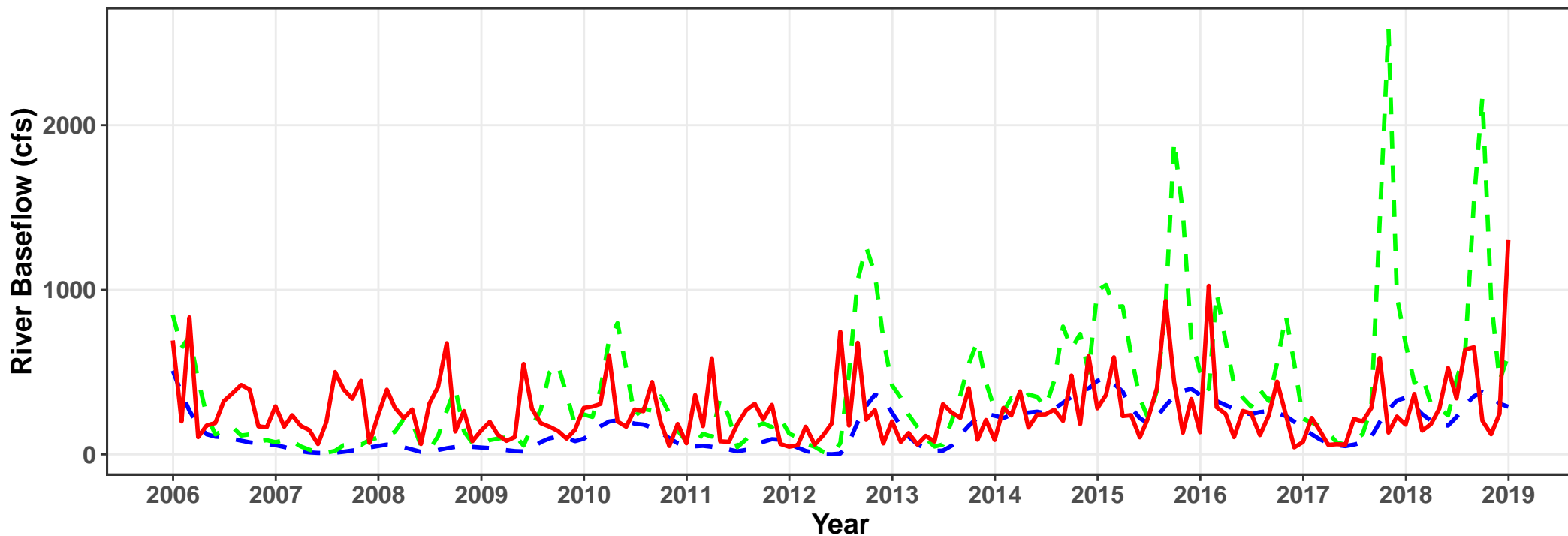


Flow–Duration Curve

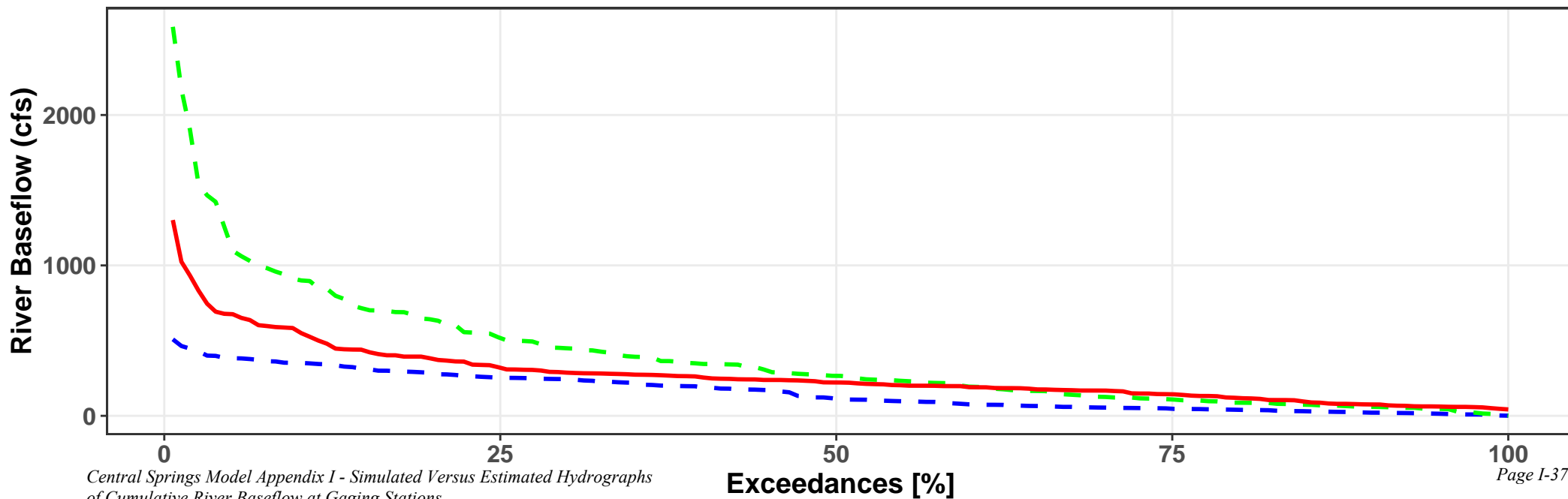


USGS02312762 @ WITHLACOOCHEE RIVER NEAR INVERNESS, FL

— Estimated Maximum — Estimated Minimum — Simulated

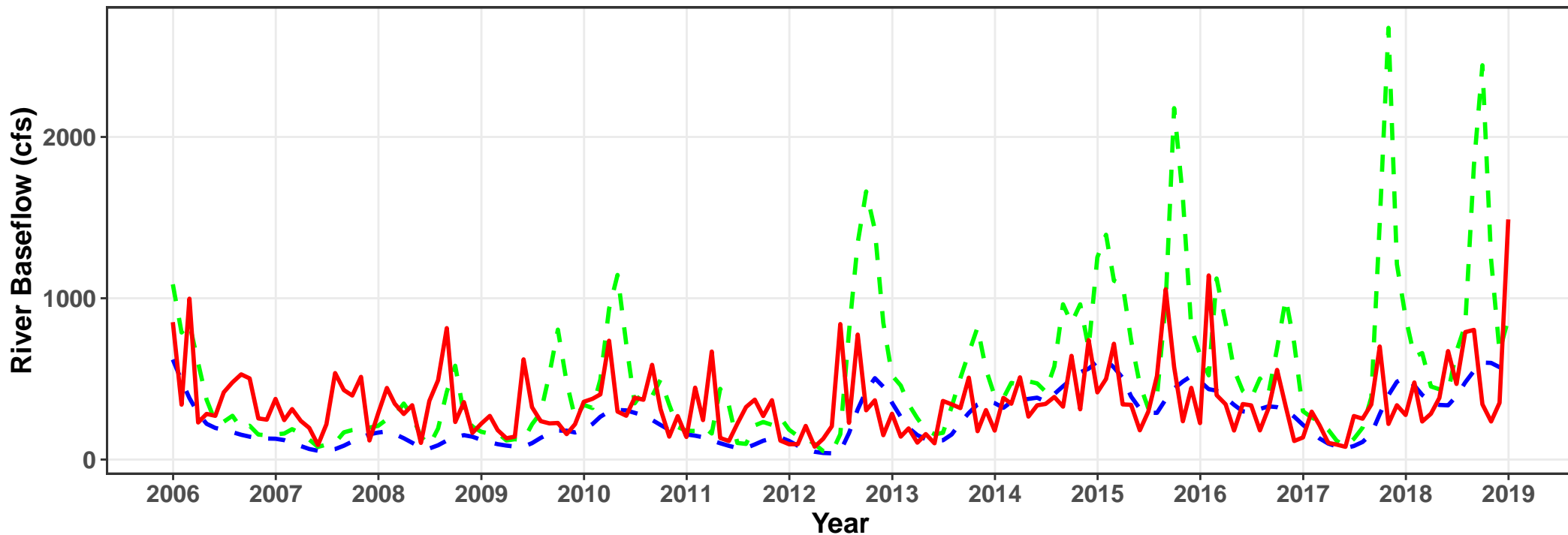


Flow-Duration Curve



USGS02313000 @ WITHLACOOCHEE RIVER AT SR 200 NEAR HOLDER, FL

— Estimated Maximum — Estimated Minimum — Simulated



Flow–Duration Curve

