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## **APPENDIX D - SIMULATED VERSUS OBSERVED HYDROGRAPHS OF SURFICIAL AQUIFER SYSTEM CALIBRATION TARGET WELLS**

Appendix D includes hydrographs and duration curves of the observed and simulated groundwater heads during the transient model simulation period (2005 through 2018) for 403 Surficial Aquifer System (SAS) calibration target wells. The observed groundwater levels in areas of saltwater intrusion/upconing were converted to equivalent freshwater heads before calibration and residual calculation. Equivalent freshwater heads were calculated based on the average observed groundwater salinity. The simulated groundwater head was retrieved for each stress period from the MODFLOW cell where the target well was located.

The hydrograph on the top of each page illustrates a monthly time-series of groundwater heads. The stage-duration curve on the bottom of each page represents groundwater heads and the corresponding percentage of time that a particular groundwater head is exceeded at the calibration target well. The same dataset was used to construct each hydrograph and stage-duration curve pair.

Note: The following definitions apply to all figures included in this appendix. Additional information regarding the presented statistics is included in Chapter 4.

ME = mean error

MAE = mean absolute error

$R^2$  = coefficient of determination

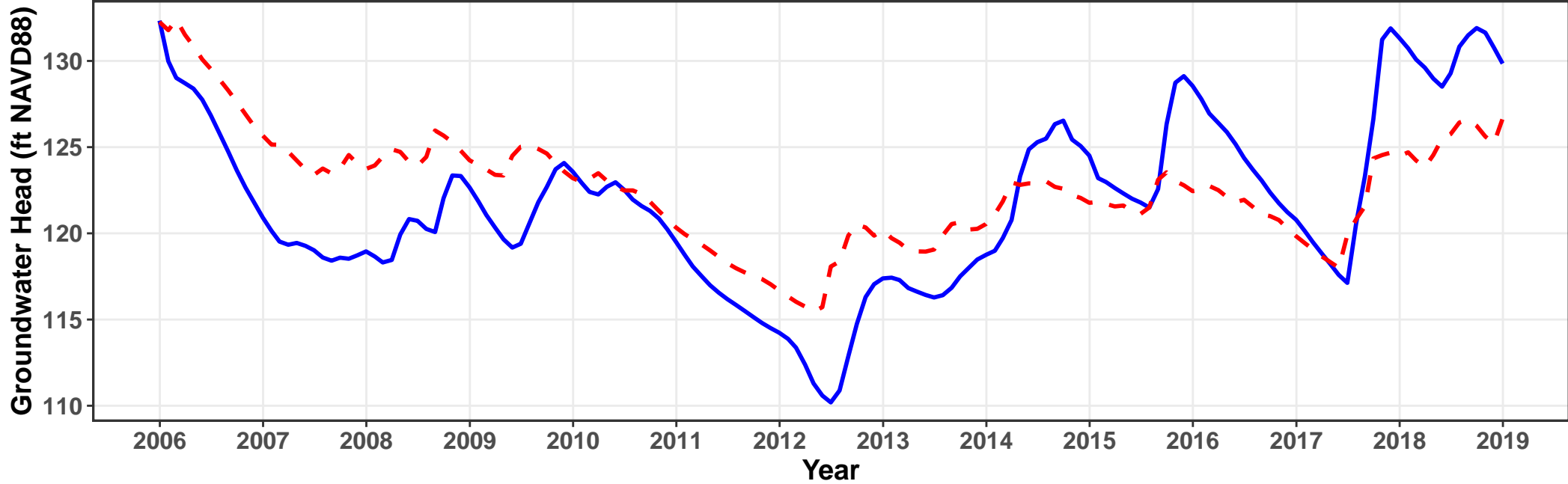
NSE = Nash-Sutcliffe efficiency coefficient

Ft NAVD88 = feet relative to the North American Vertical Datum of 1988

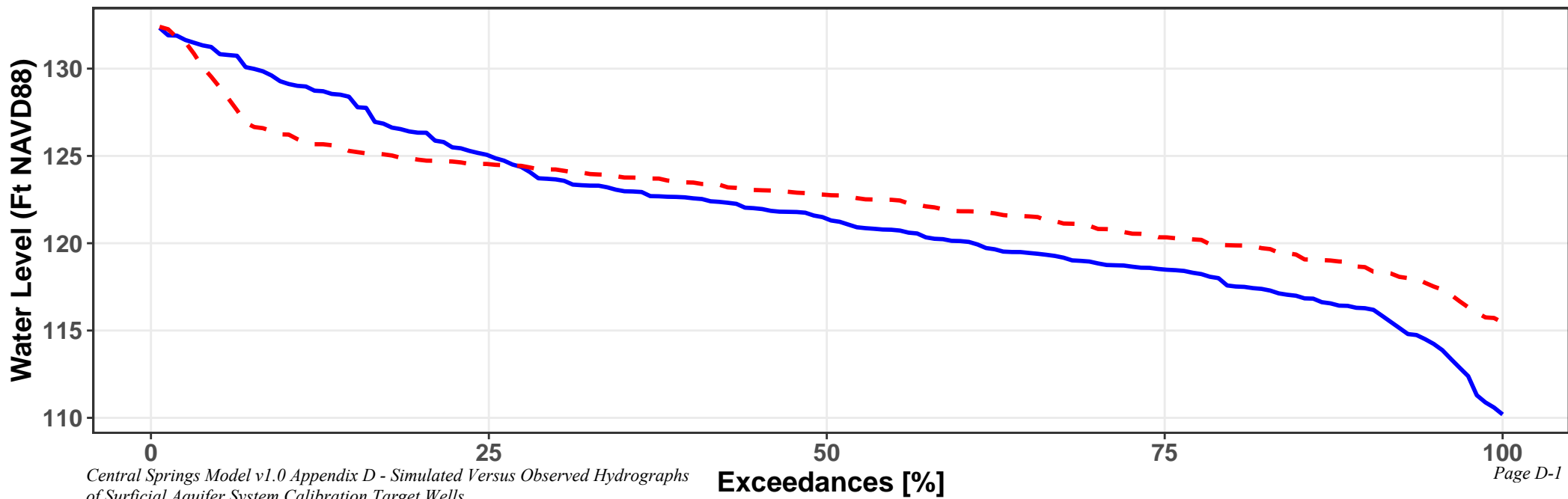
# A-0436 – SAS @ Hawthorne Twr

ME = 0.9 MAE = 3  $R^2 = 0.512$  NSE = 0.476

— Observed — Simulated



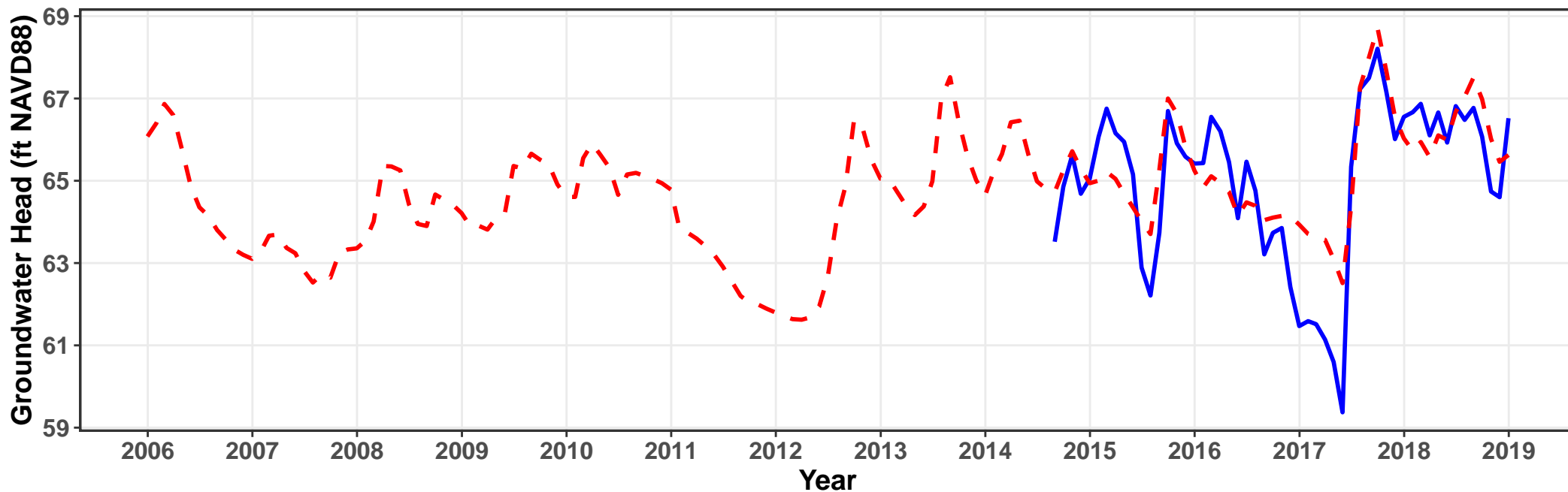
## Stage Duration Curve



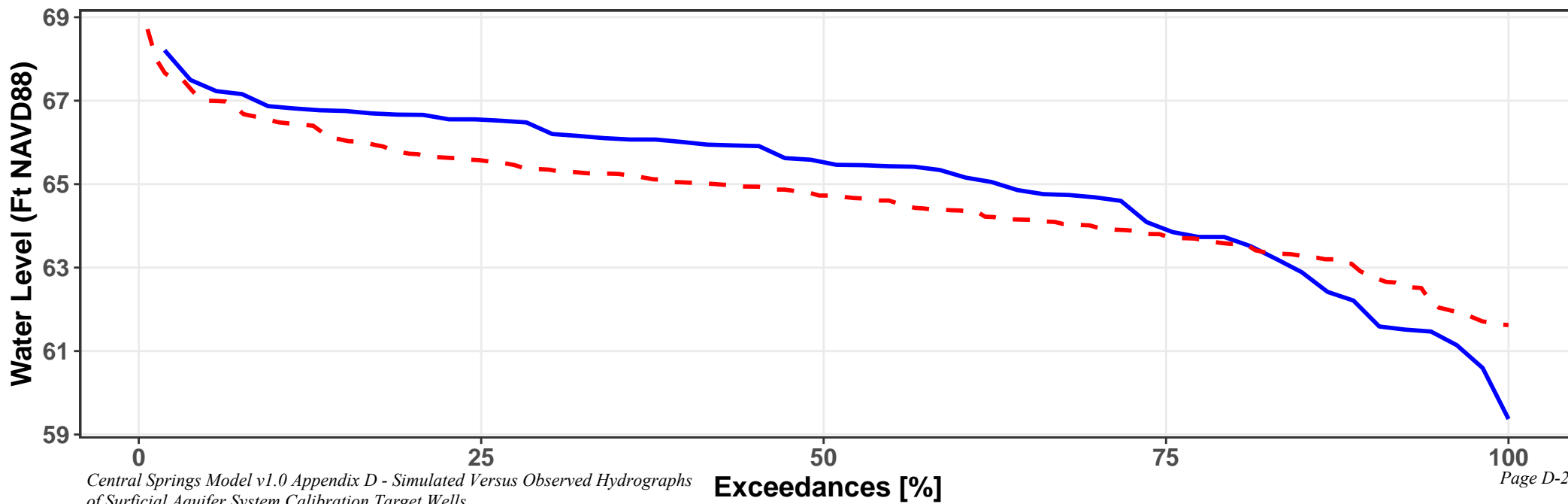
# A-0974 – SAS @ Bill Holblack

ME = 0.3 MAE = 0.9  $R^2 = 0.6929$  NSE = 0.644

— Observed — Simulated



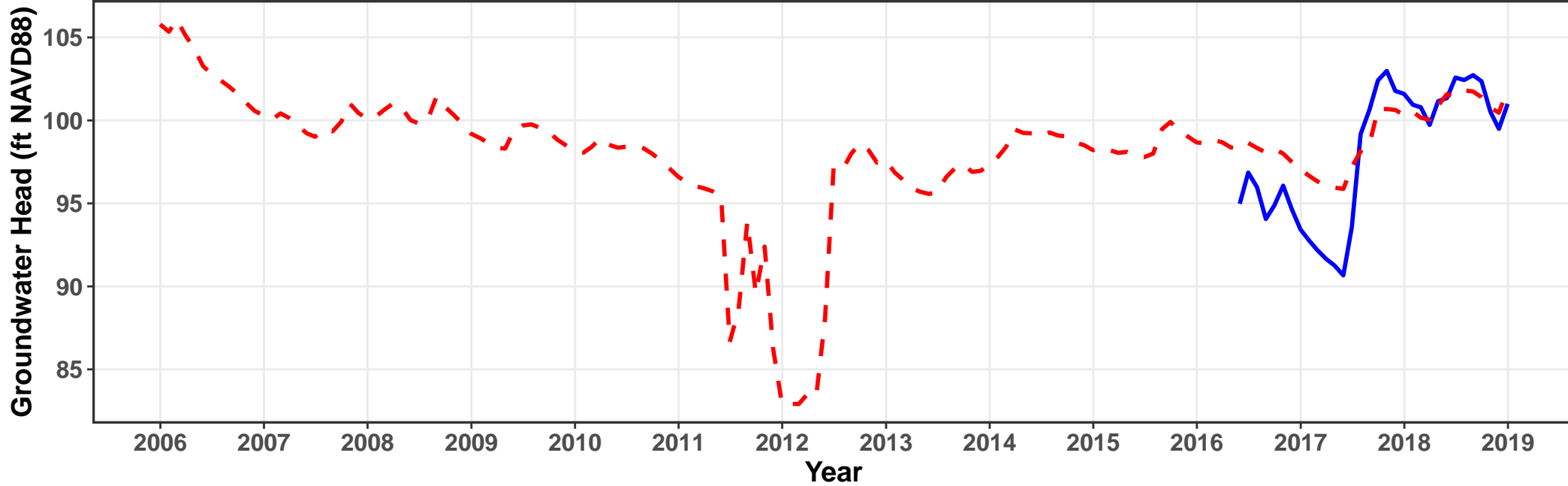
## Stage Duration Curve



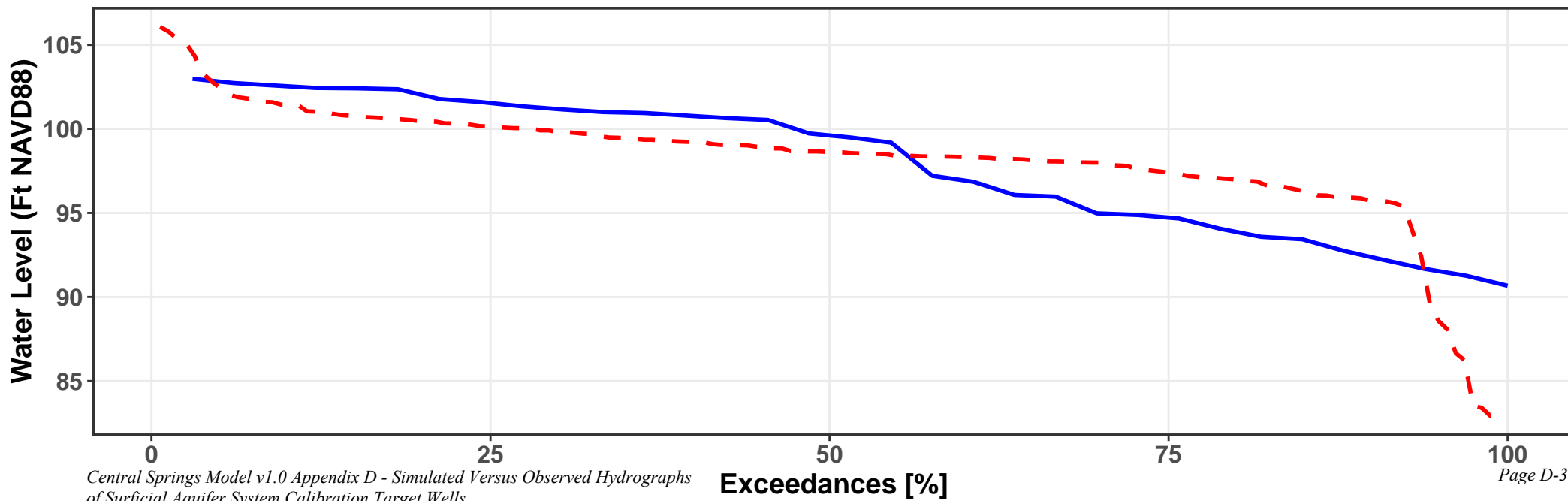
# A-0978 – SAS @ Windsor

ME = 1.2 MAE = 2.1  $R^2 = 0.8978$  NSE = 0.591

— Observed — Simulated



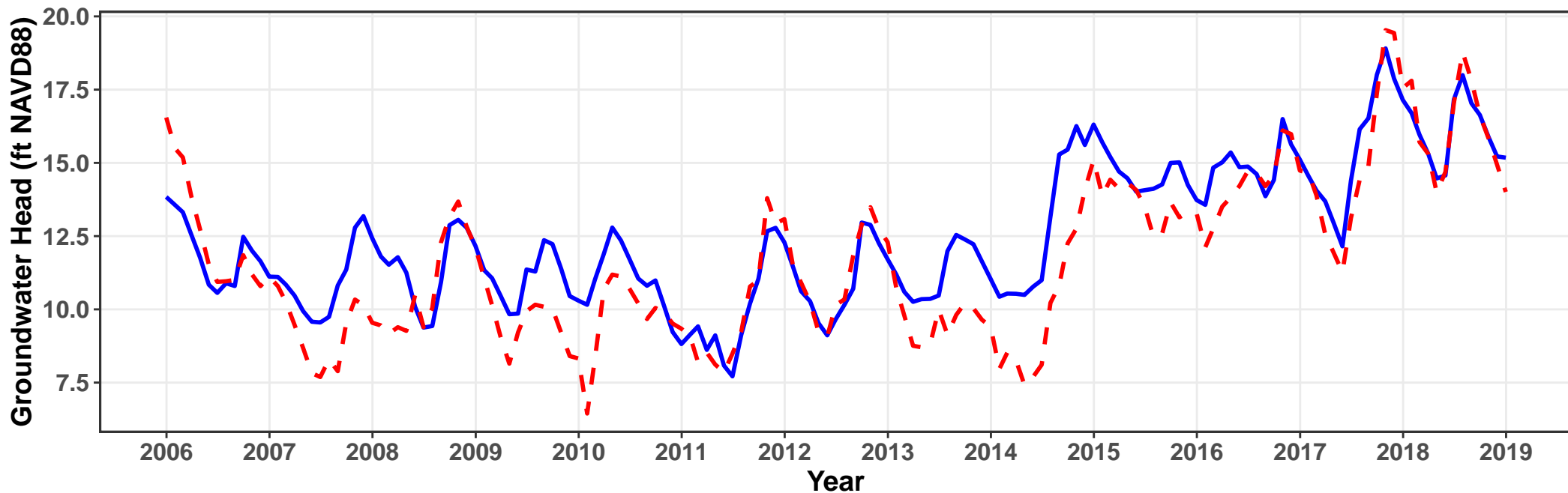
## Stage Duration Curve



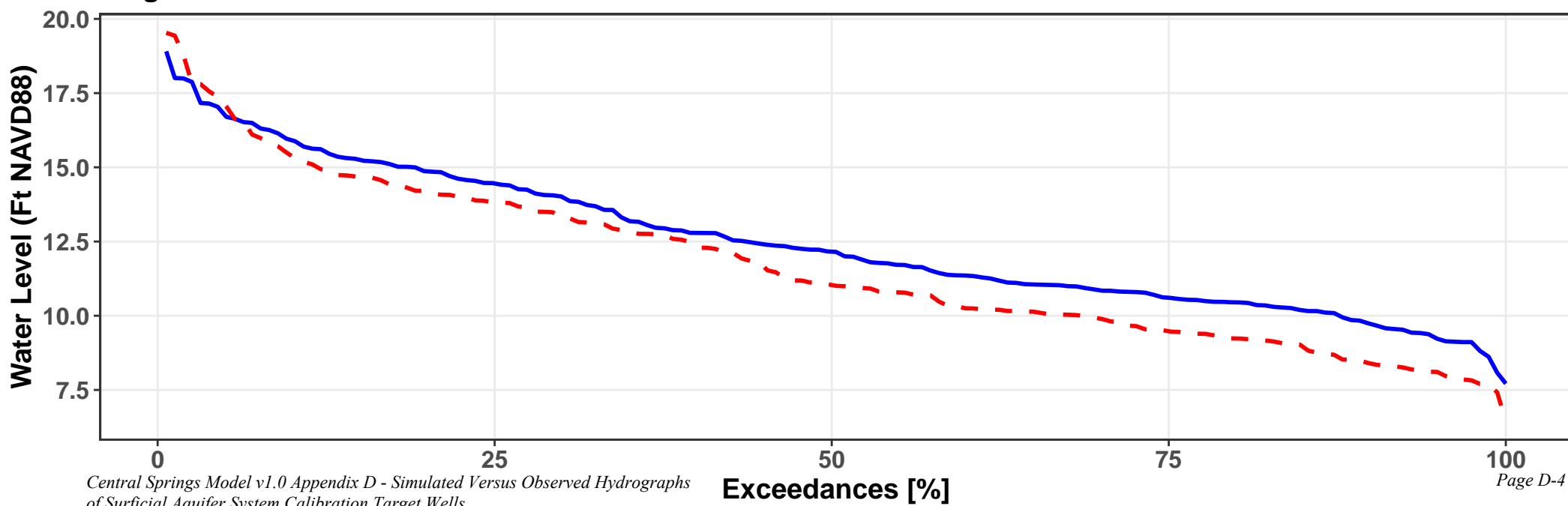
# BR1469 – SAS @ Astronaut HS

ME = -0.8 MAE = 1.1  $R^2 = 0.7957$  NSE = 0.611

— Observed — Simulated



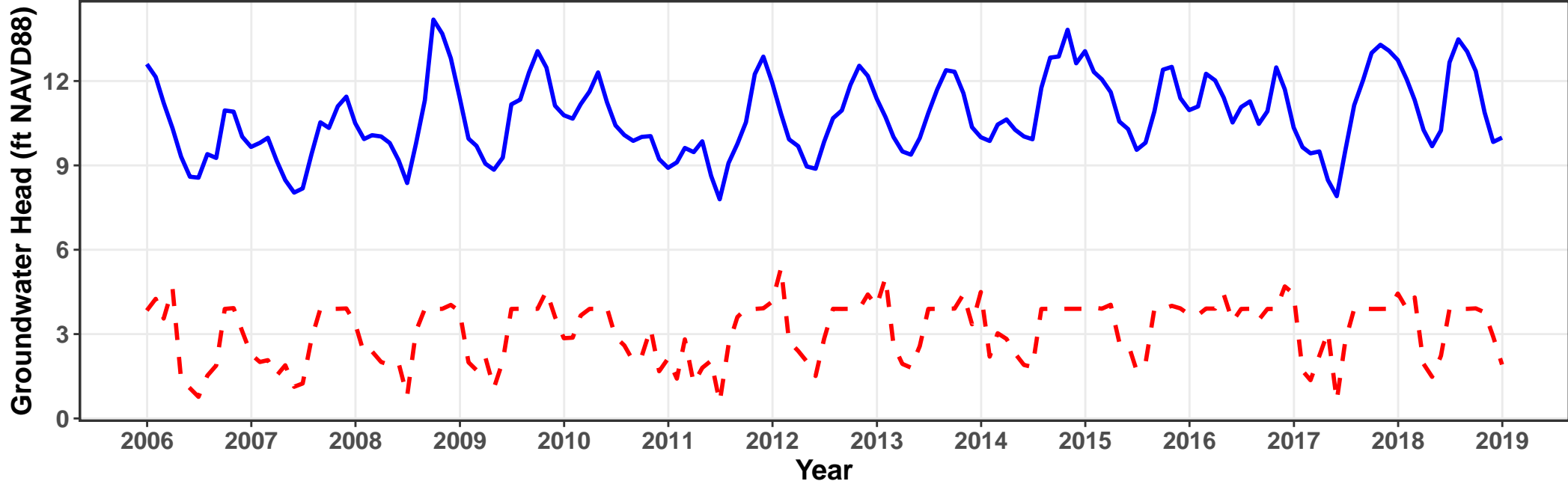
## Stage Duration Curve



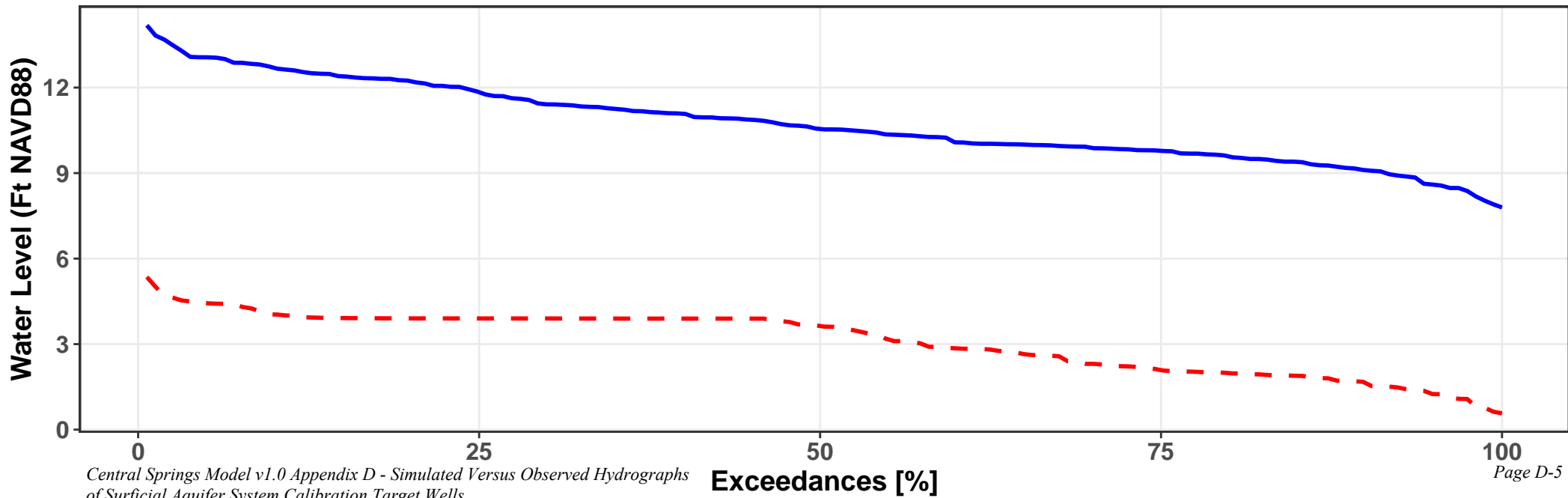
# BR1595 – SAS @ Seminole Rch Wells

ME = -7.6 MAE = 7.6  $R^2 = 0.6316$  NSE = -30.064

— Observed — Simulated



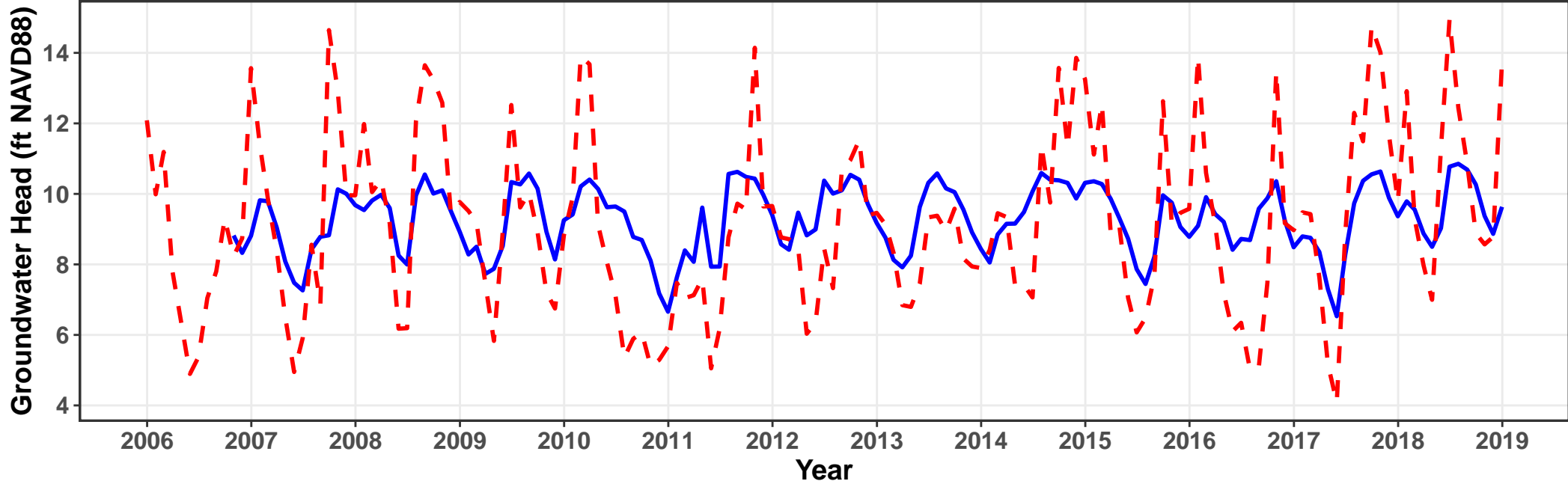
## Stage Duration Curve



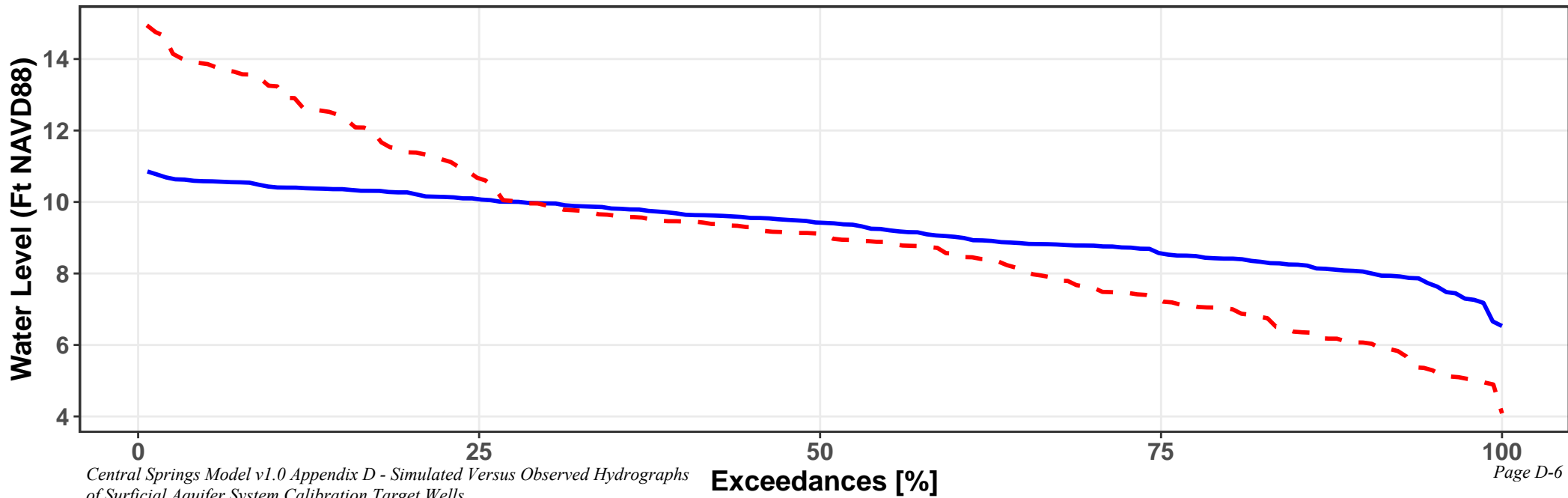
# BR1940 – SAS @ Buck Lk Well

ME = -0.1 MAE = 1.6  $R^2 = 0.4632$  NSE = -3.37

— Observed — Simulated



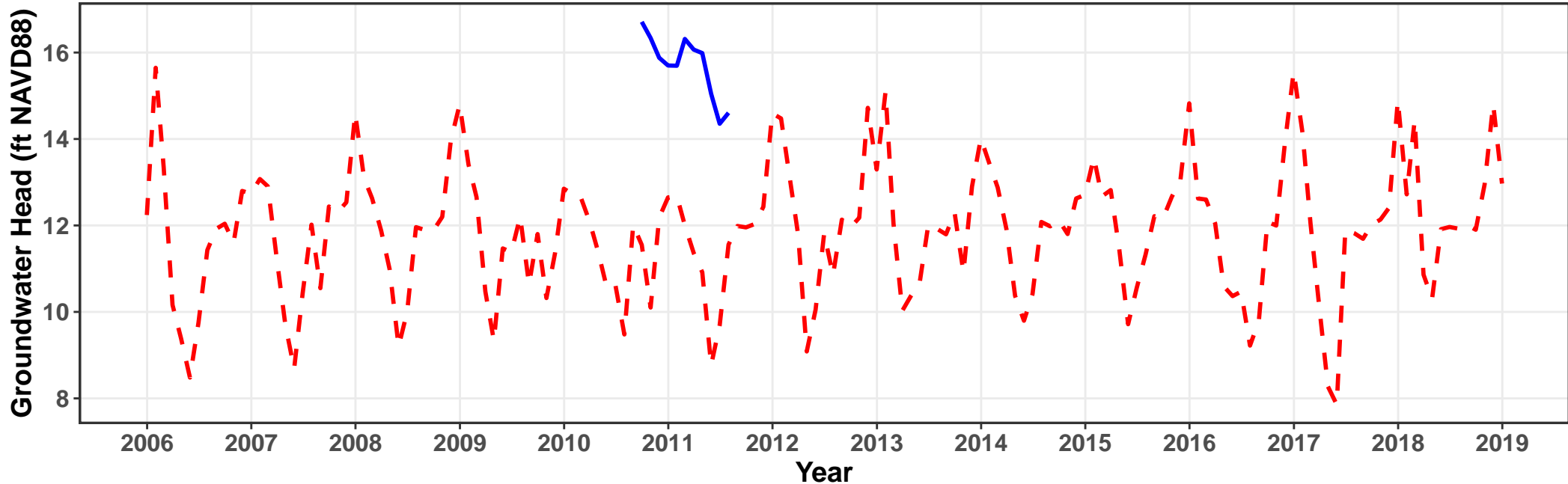
## Stage Duration Curve



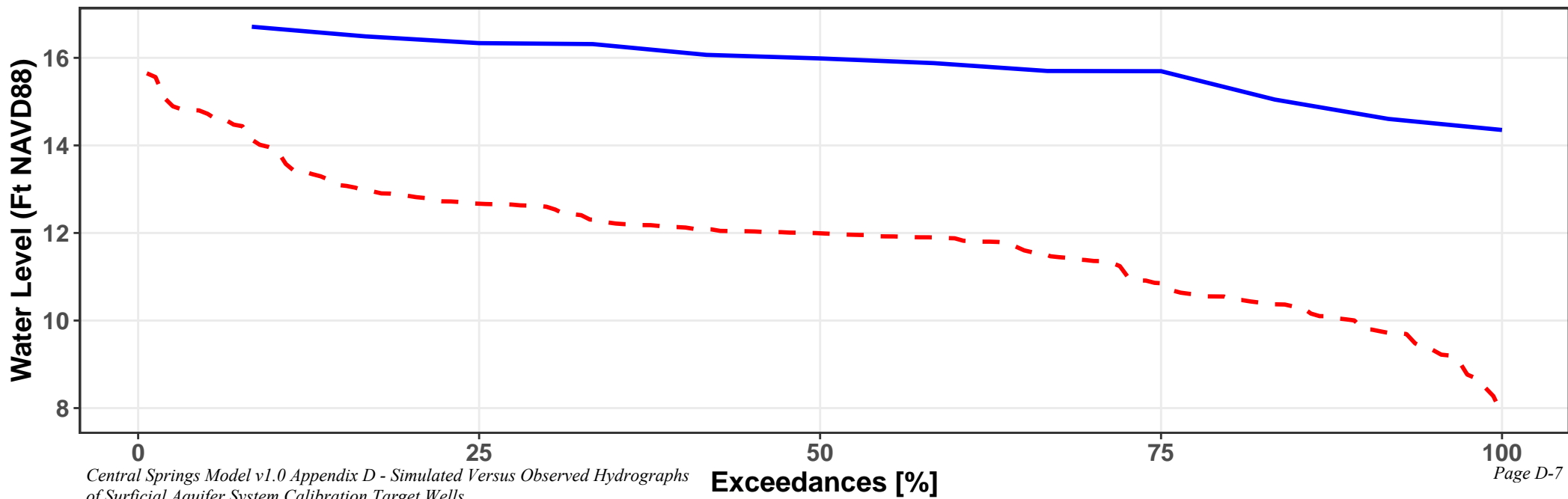
# BR2162 – SAS @ Canaveral Mrh Wells

ME = -4.6 MAE = 4.6  $R^2 = 0.0978$  NSE = -43.375

— Observed — Simulated



## Stage Duration Curve

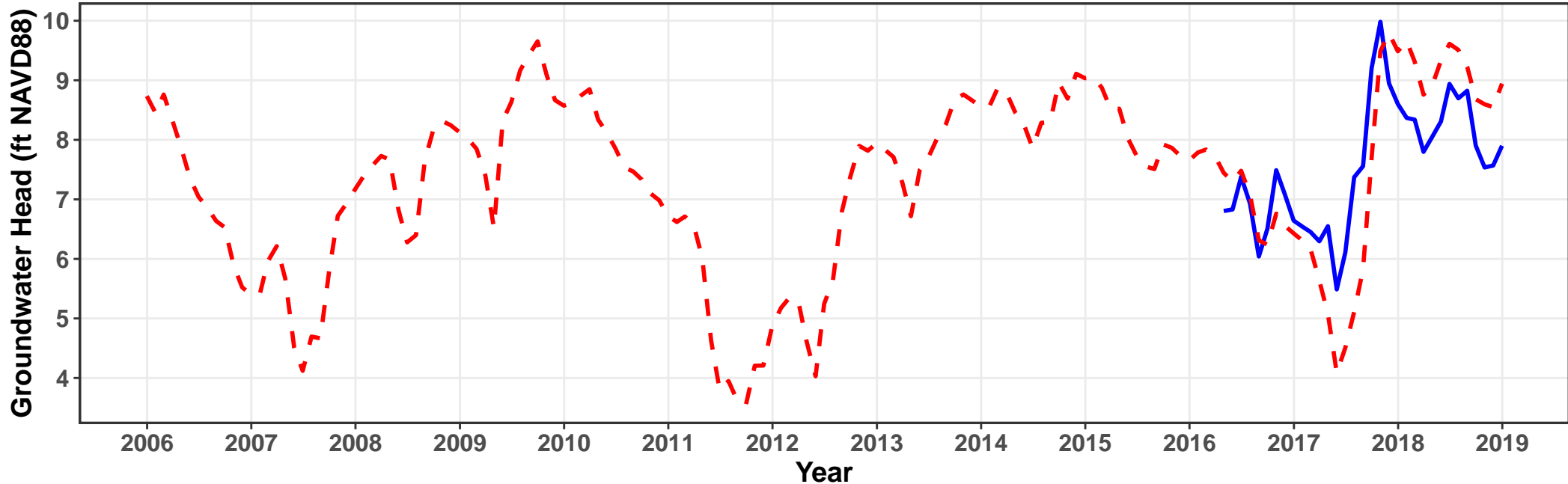




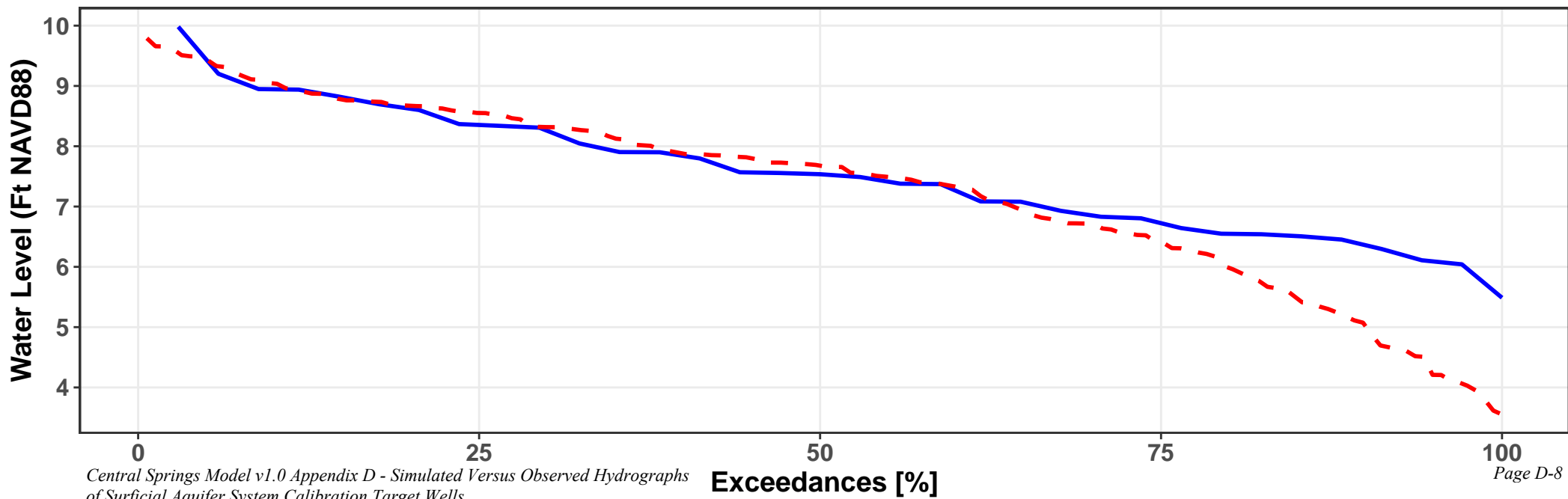
# F-0067 – SAS @ Graham Swamp

ME = 0 MAE = 0.8  $R^2 = 0.7009$  NSE = 0.119

— Observed — Simulated



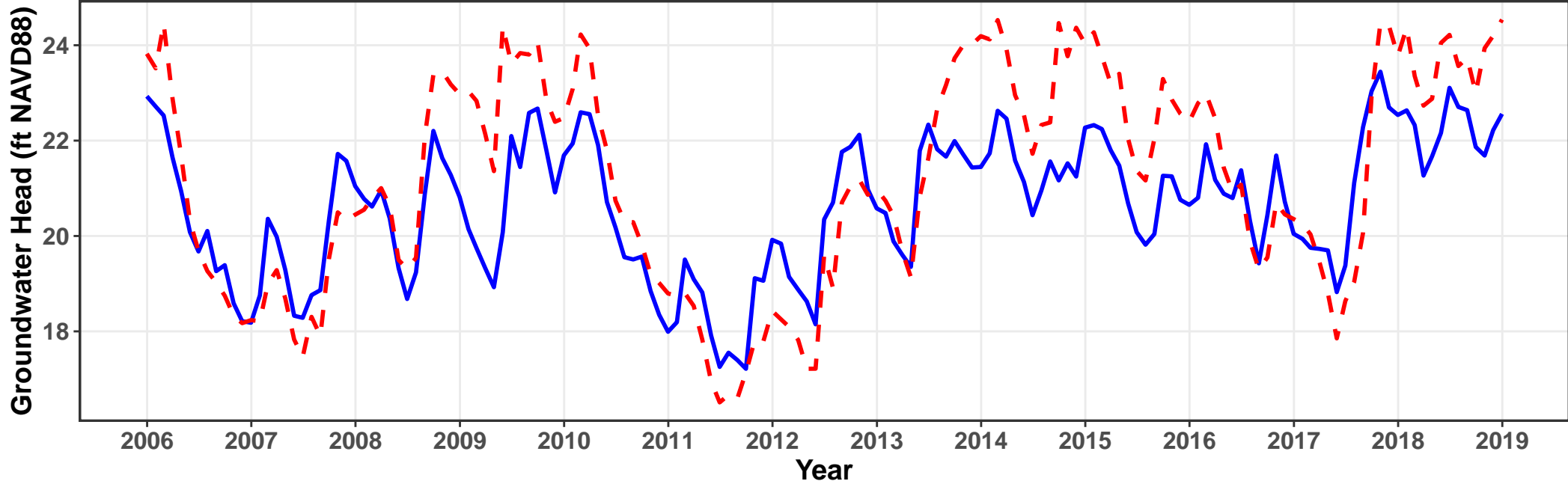
## Stage Duration Curve



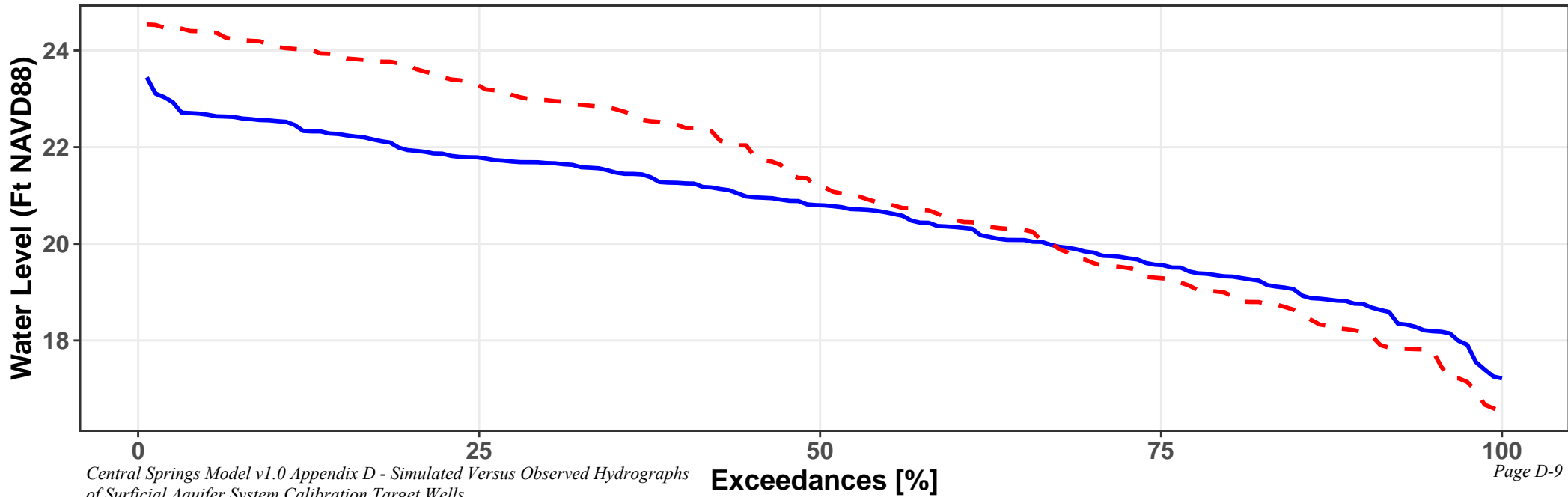
# F-0172 – SAS @ Seminole Woods

ME = 0.6 MAE = 1.1  $R^2 = 0.7454$  NSE = 0.075

— Observed — Simulated



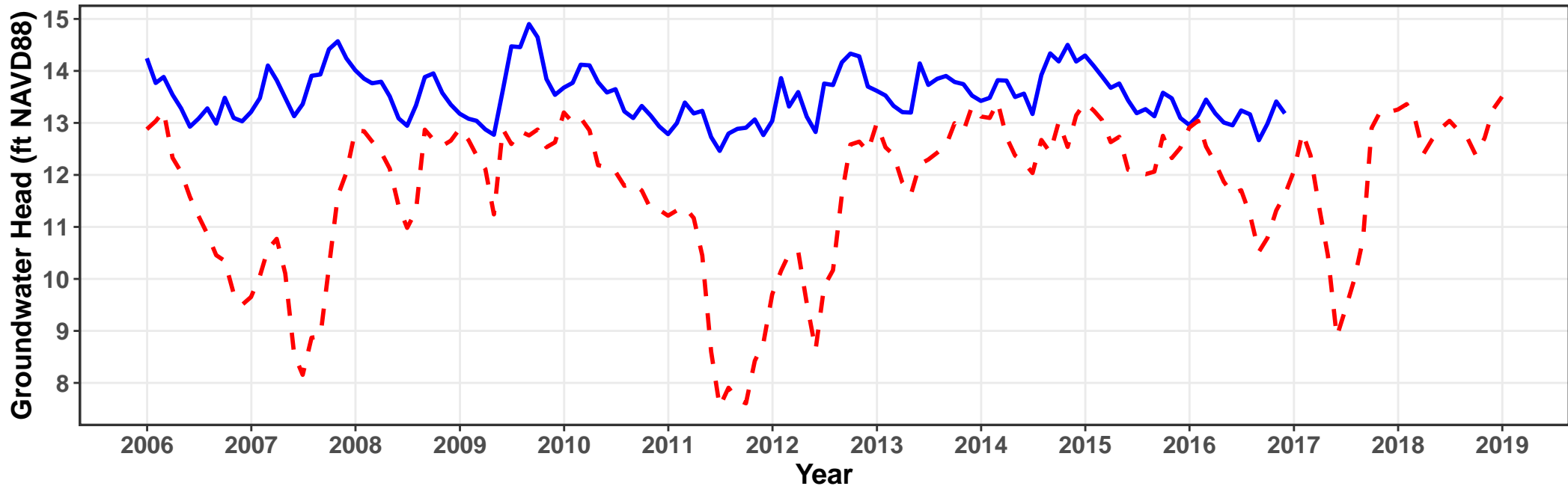
## Stage Duration Curve



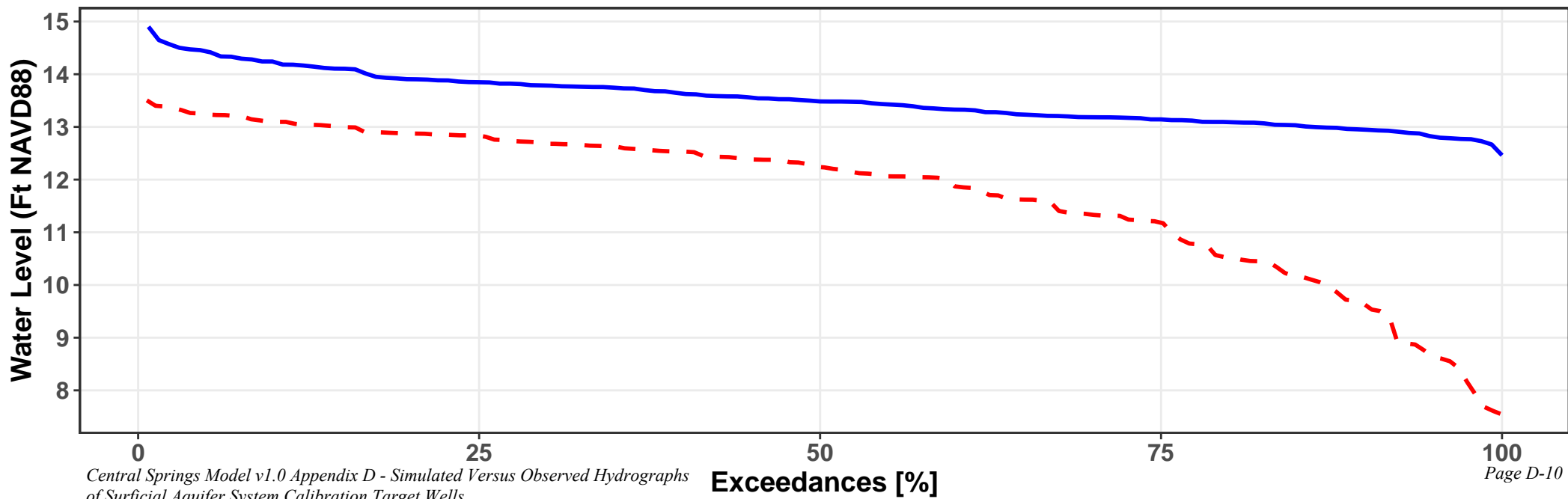
# F-0173 – SAS @ Graham Swamp W

ME = -1.9 MAE = 1.9  $R^2 = 0.2368$  NSE = -20.821

— Observed — Simulated



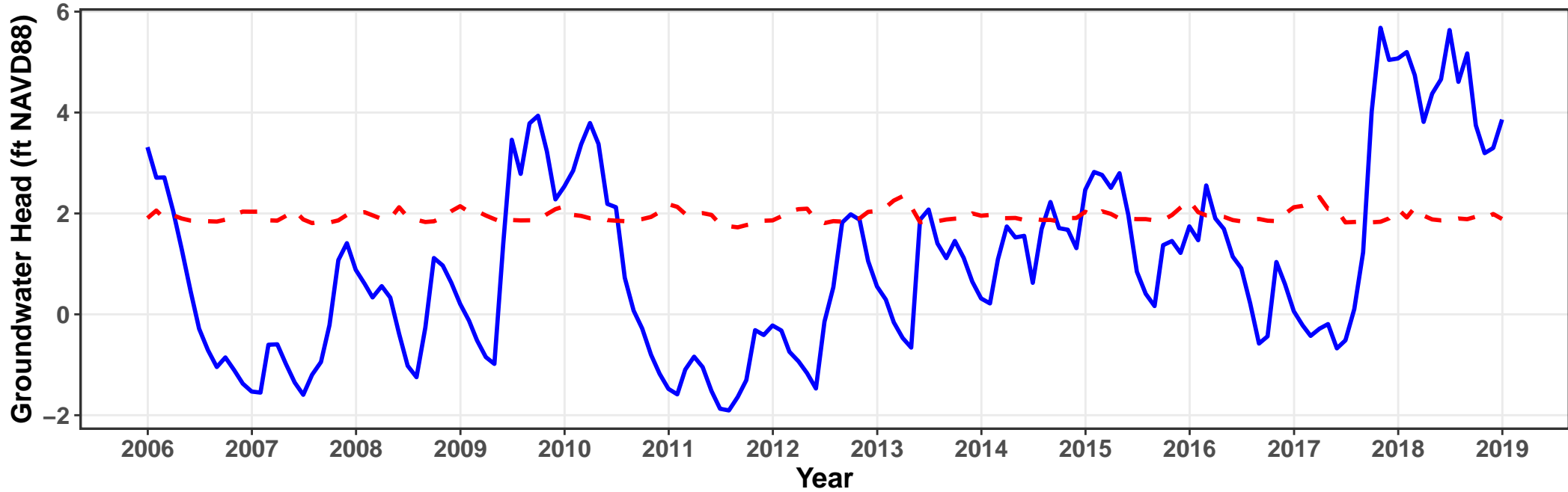
## Stage Duration Curve



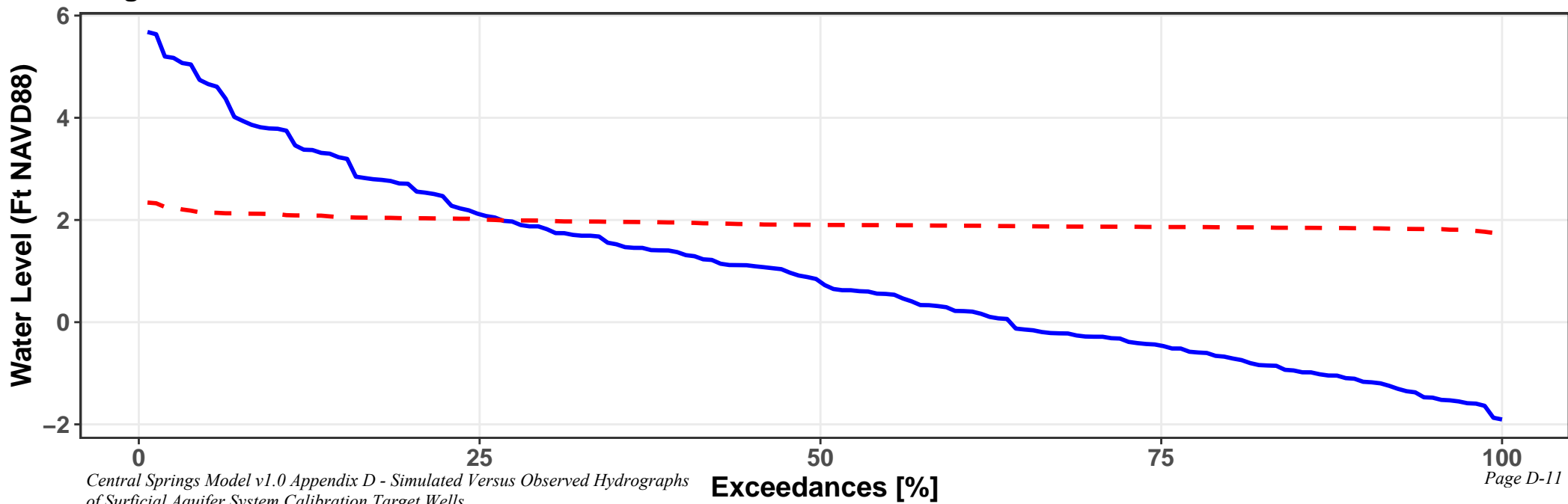
# F-0177 – SAS @ Bulow Ruins Wells

ME = 1 MAE = 1.8  $R^2 = 0.0121$  NSE = -0.288

— Observed — Simulated



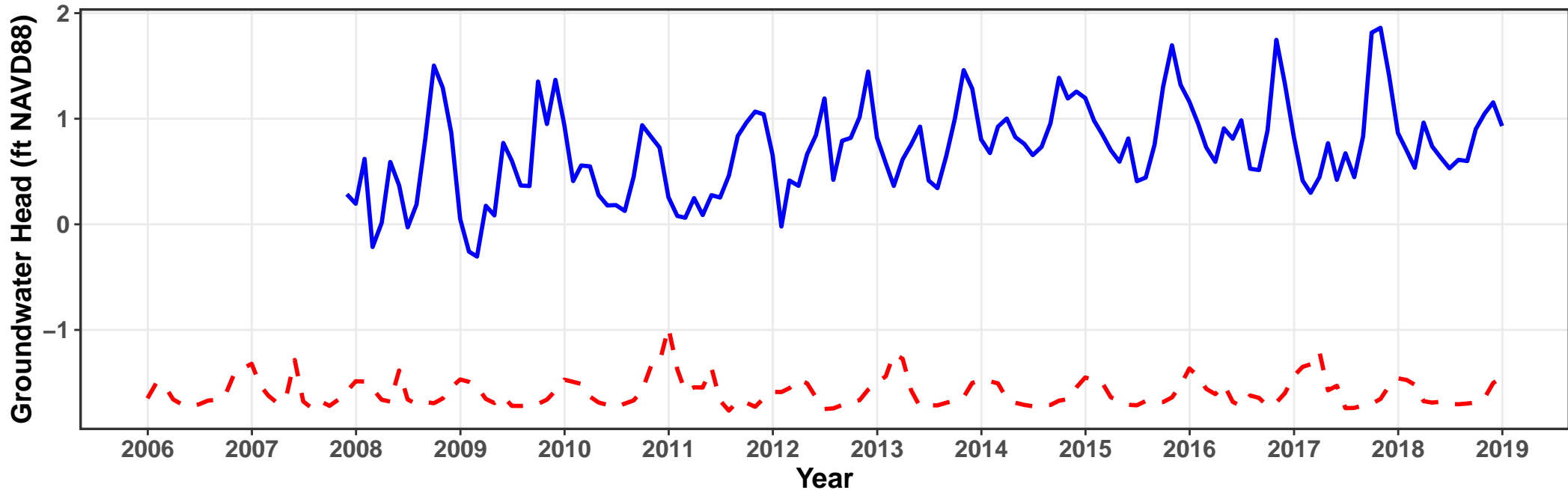
## Stage Duration Curve



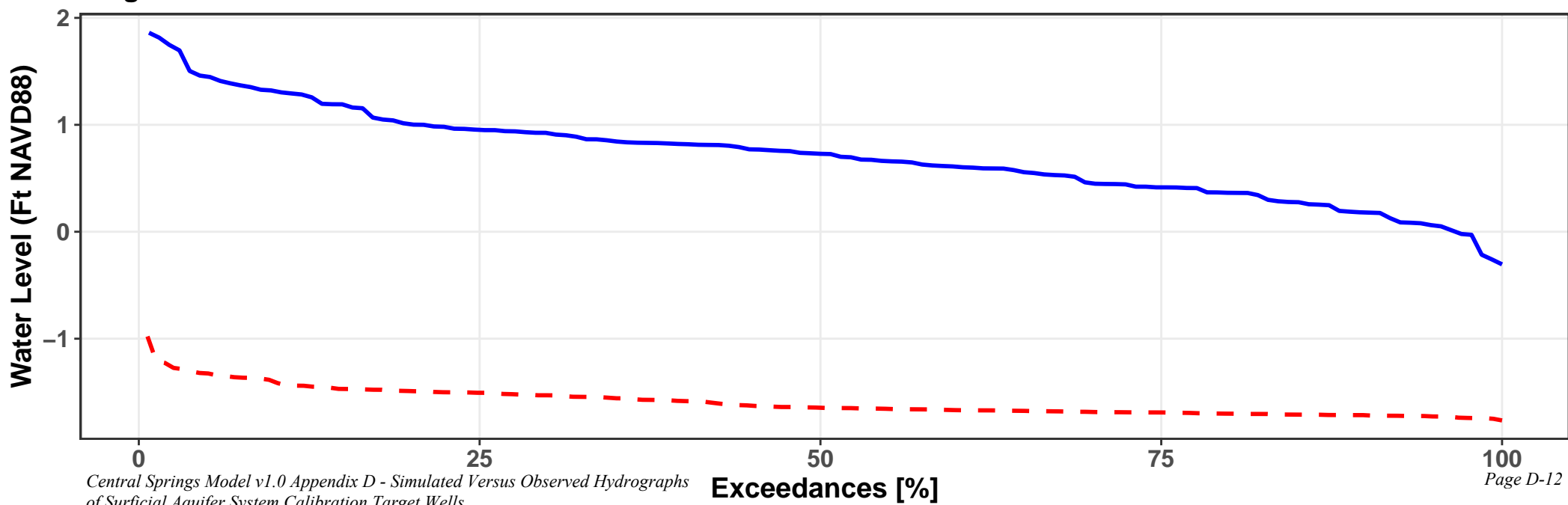
# F-0197 – SAS @ Gamble Rogers SP

ME = -2.3 MAE = 2.3  $R^2 = 0.0209$  NSE = -29.263

— Observed — Simulated



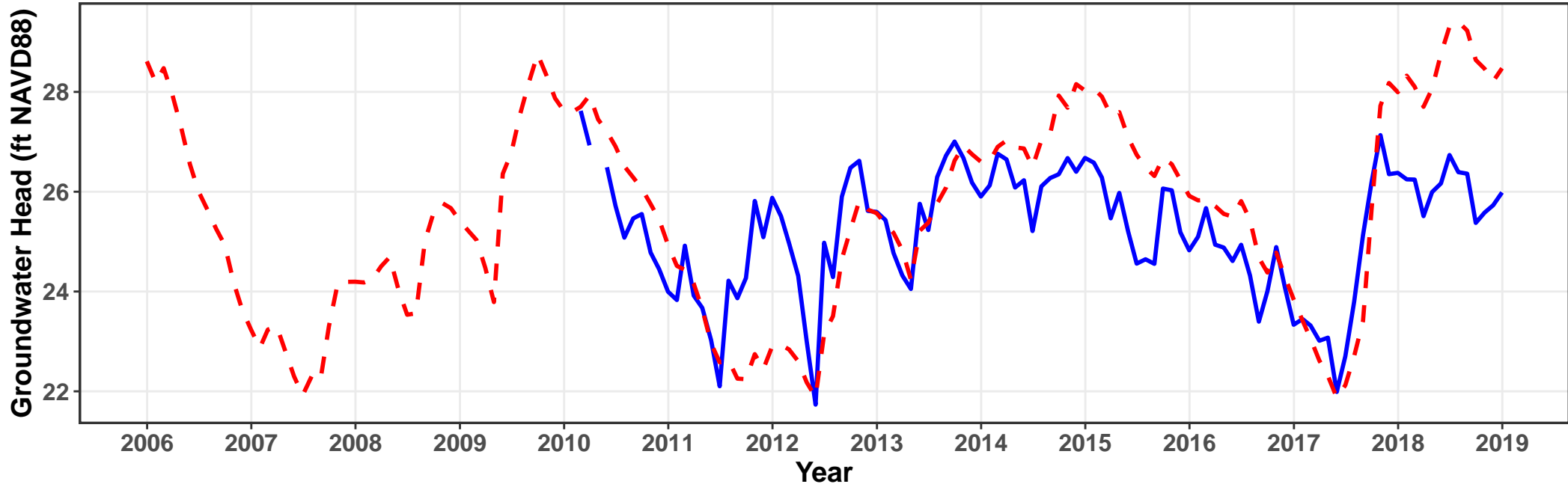
## Stage Duration Curve



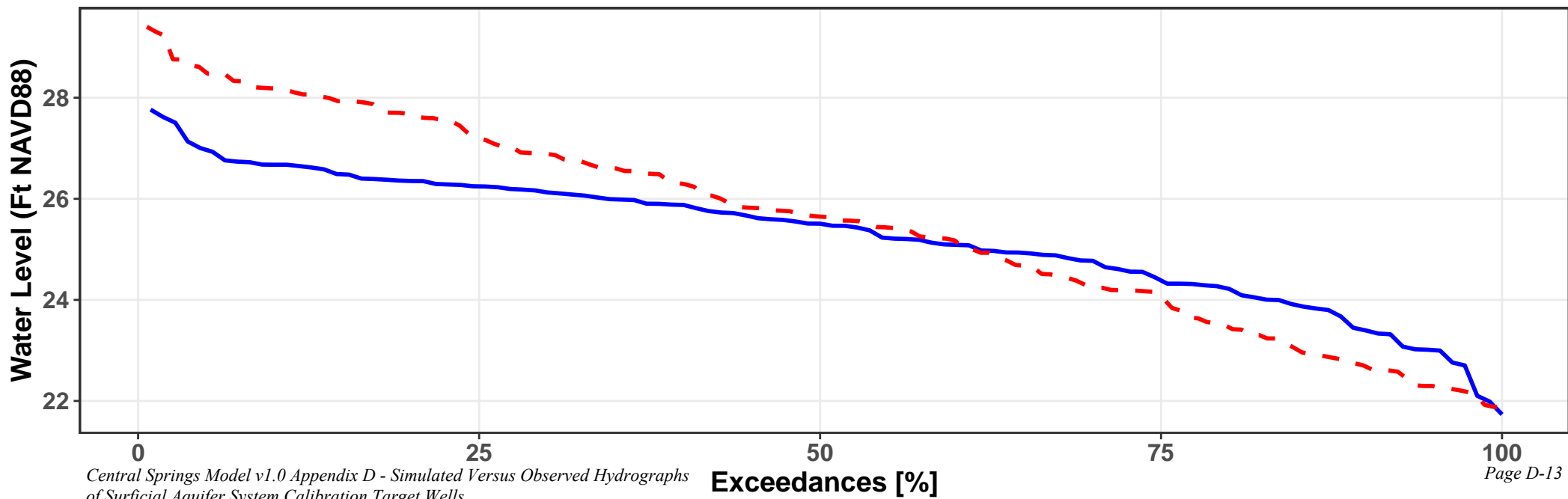
# F-0202 – SAS @ Bunnell Ftwr

ME = 0.5 MAE = 1.1  $R^2 = 0.589$  NSE = -0.217

— Observed — Simulated



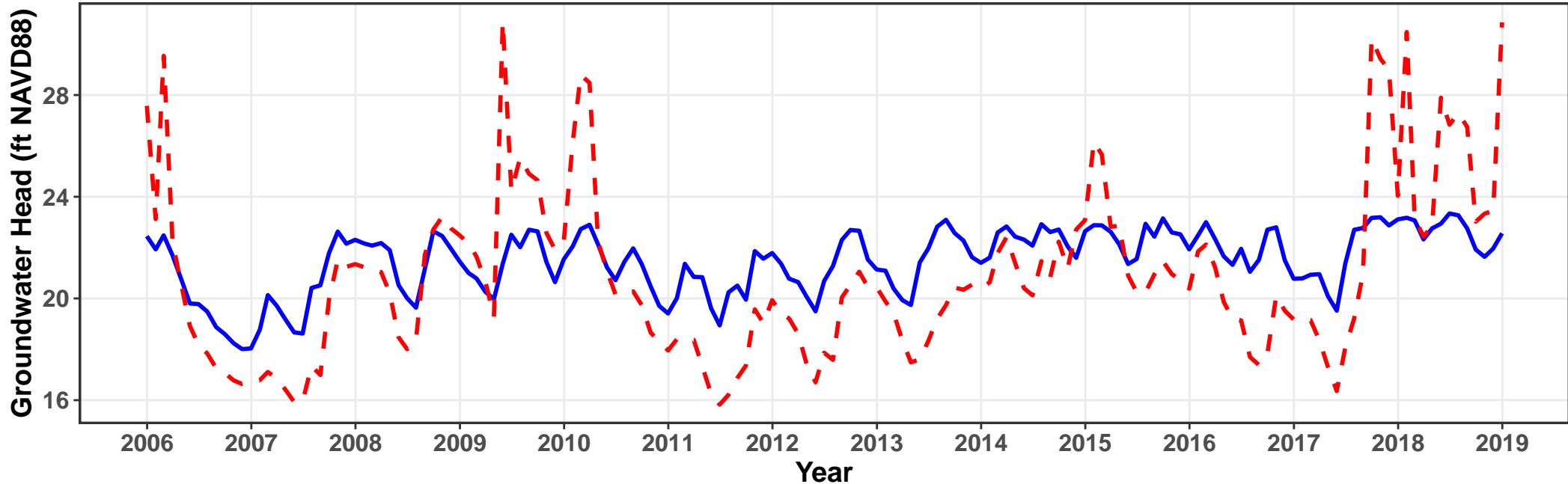
## Stage Duration Curve



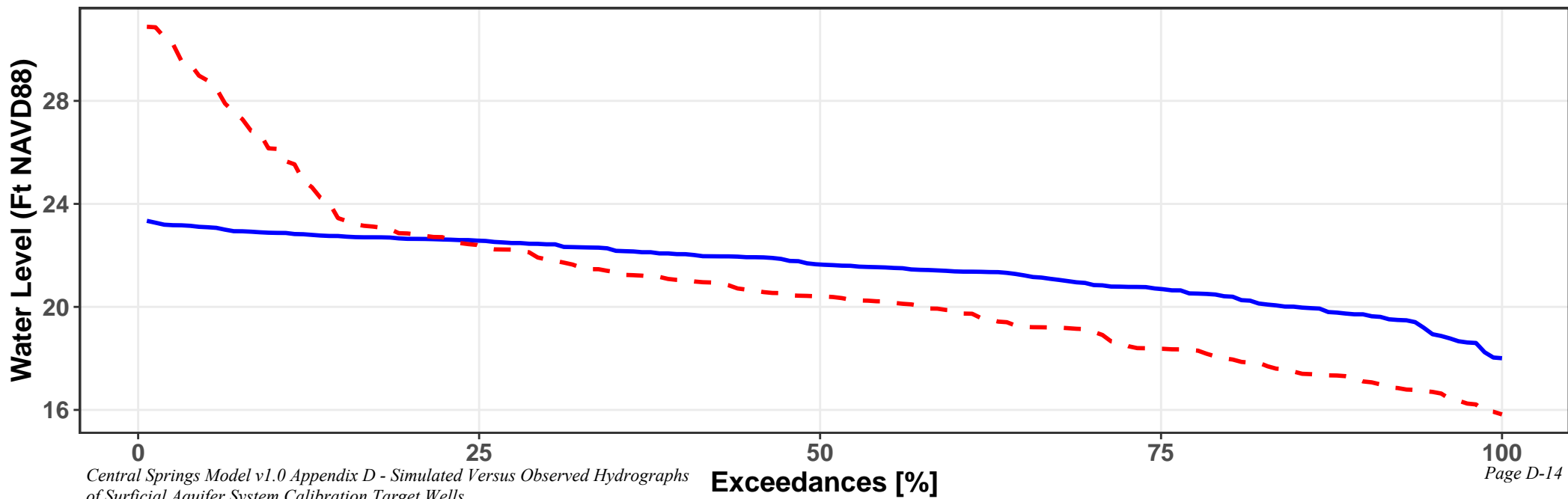
# F-0252 – SAS @ Relay Twr

ME = -0.6 MAE = 2.2  $R^2 = 0.4842$  NSE = -3.65

— Observed — Simulated



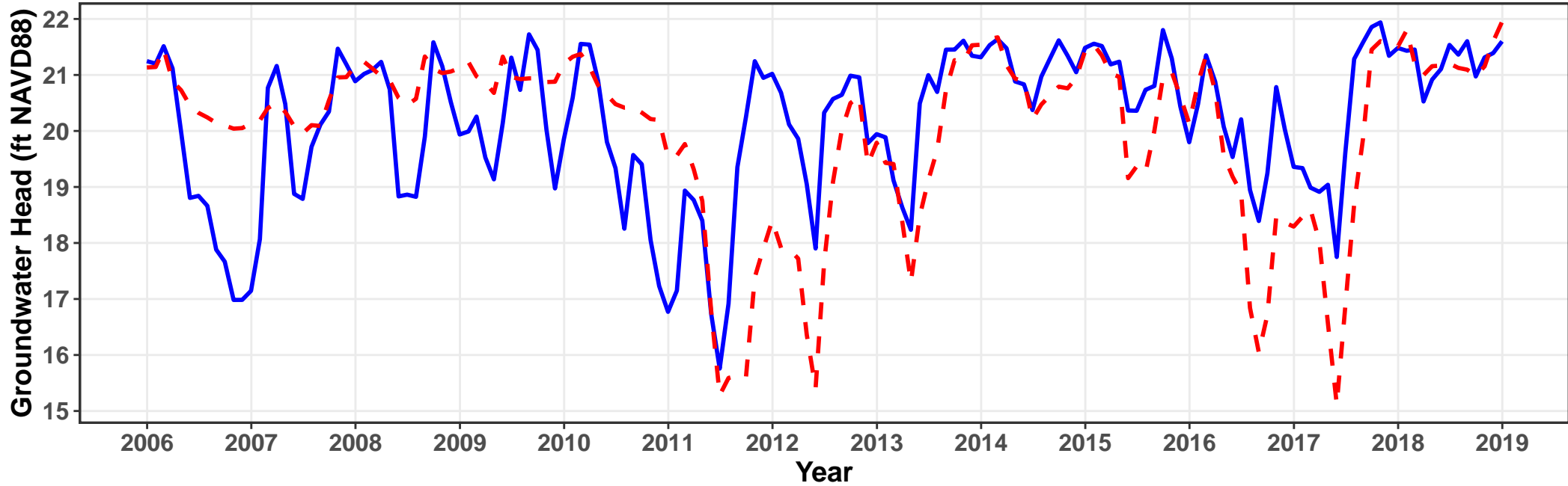
## Stage Duration Curve



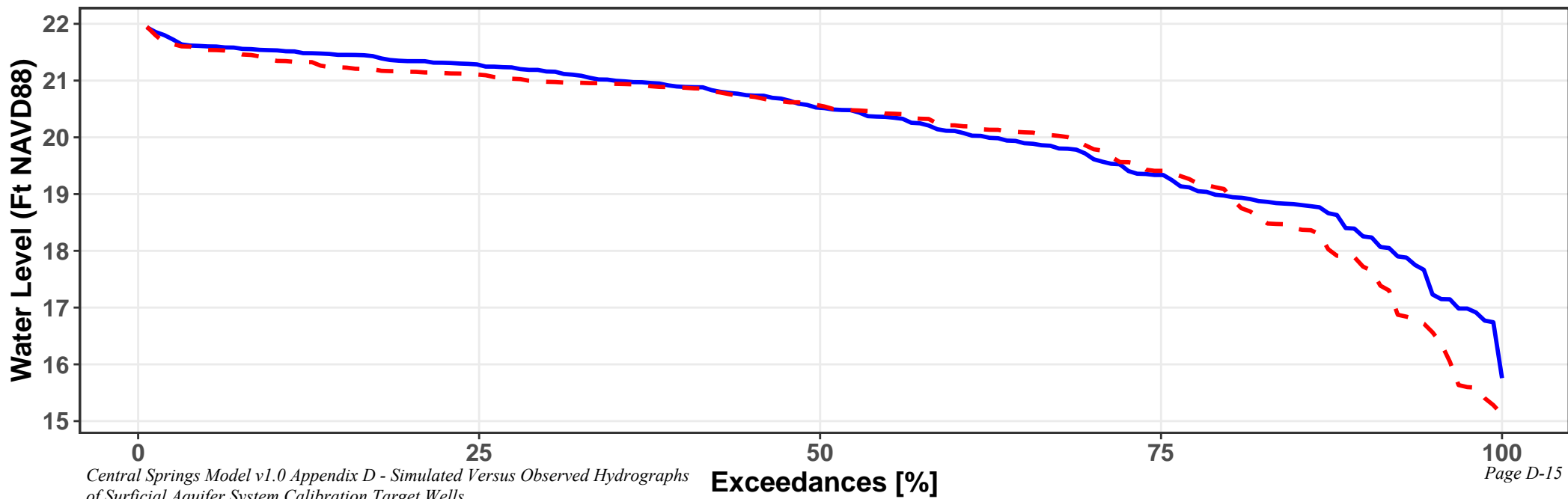
# F-0293 – SAS @ Dinner Is

ME = -0.2 MAE = 1  $R^2 = 0.2992$  NSE = -0.109

— Observed - - Simulated



## Stage Duration Curve

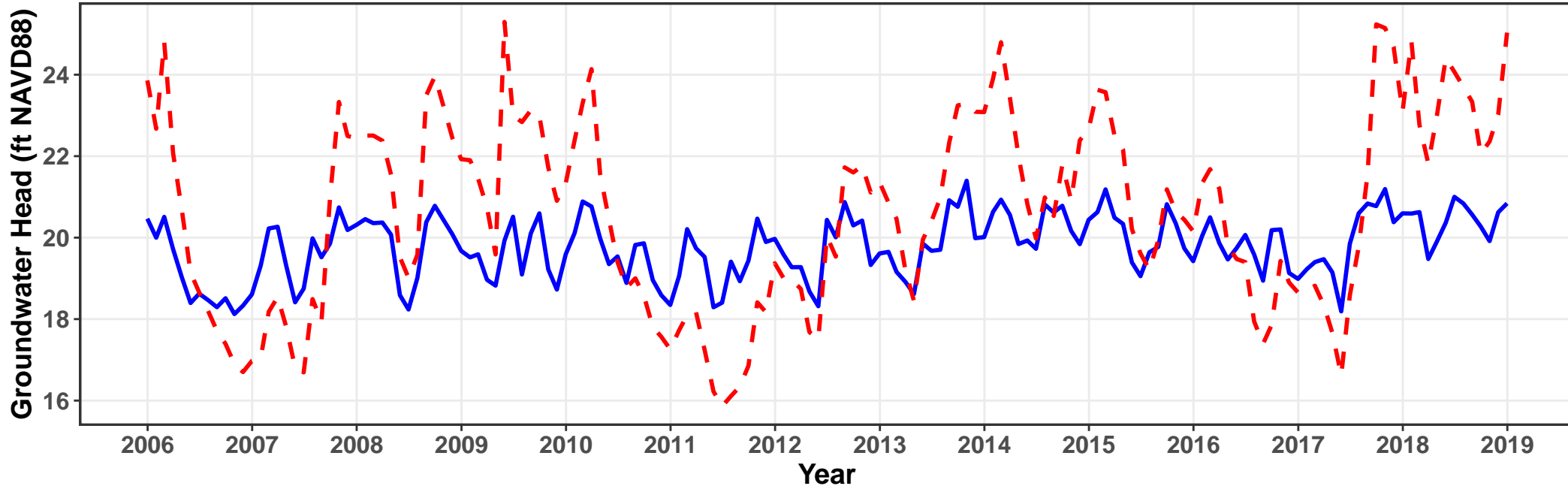




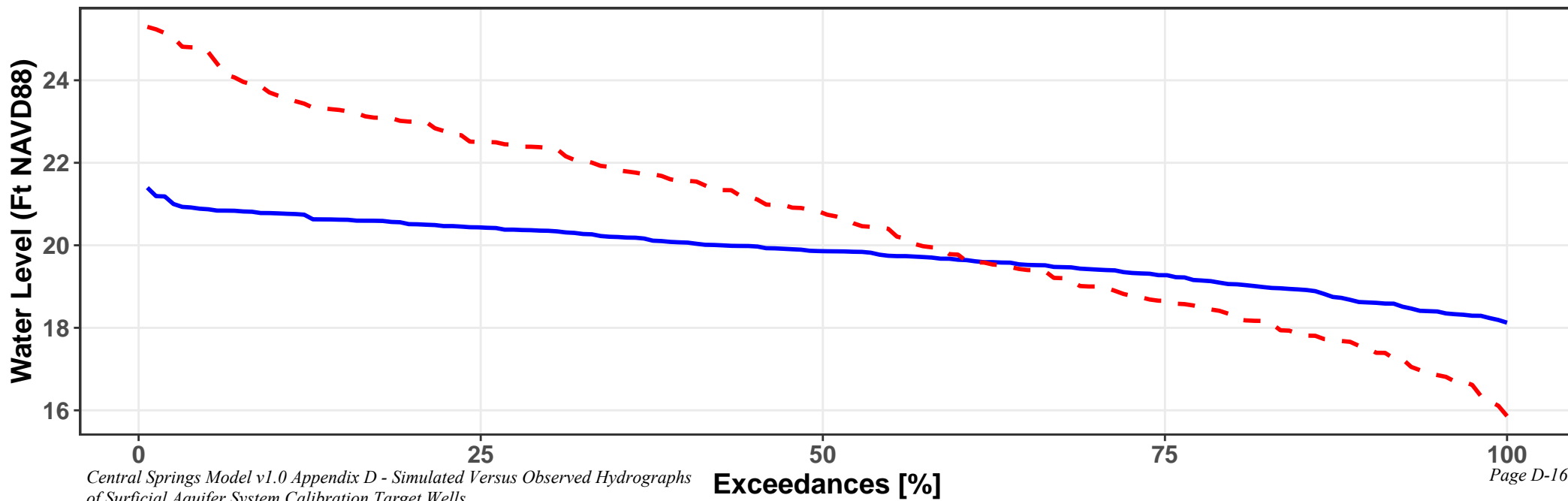
# F-0351 – SAS @ Westside Bapt

ME = 0.8 MAE = 1.7  $R^2 = 0.5584$  NSE = -6.037

— Observed — Simulated



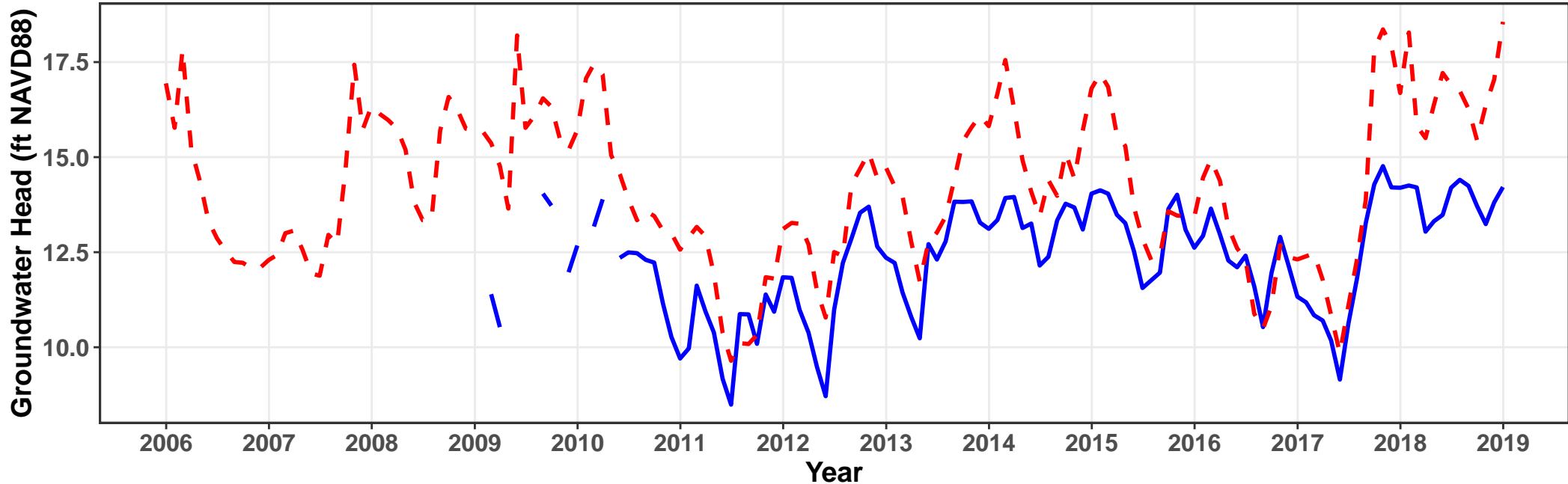
## Stage Duration Curve



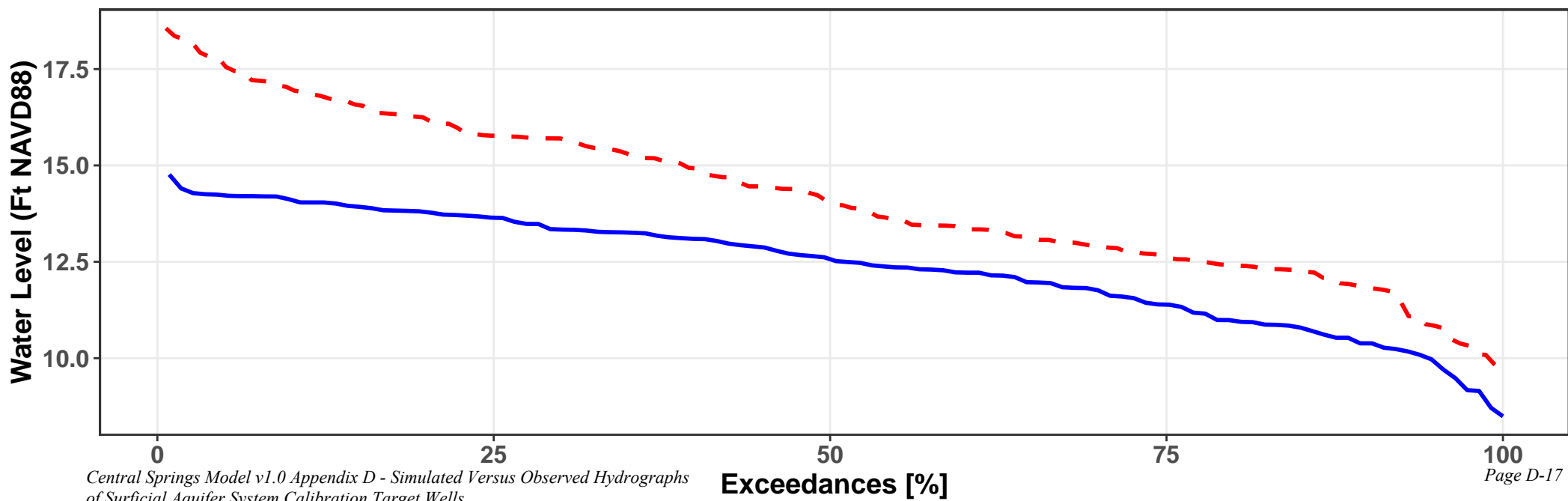
# F-0382 – SAS @ Bunnell Justice Ln

ME = 1.7 MAE = 1.8  $R^2 = 0.7047$  NSE = -1.089

— Observed — Simulated



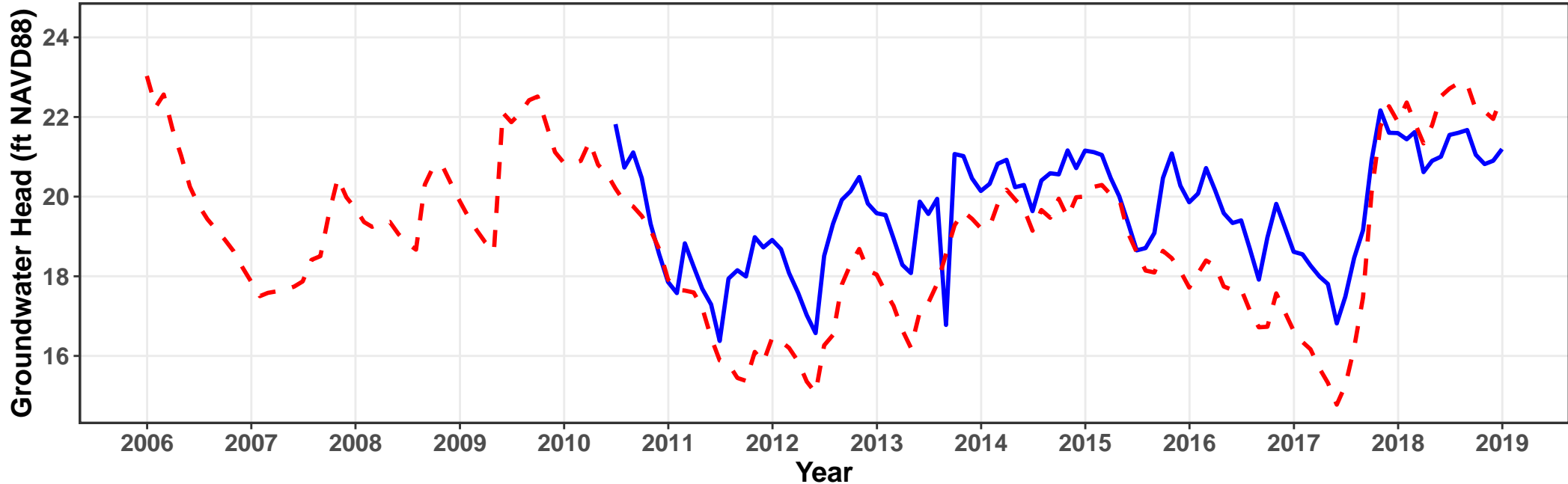
## Stage Duration Curve



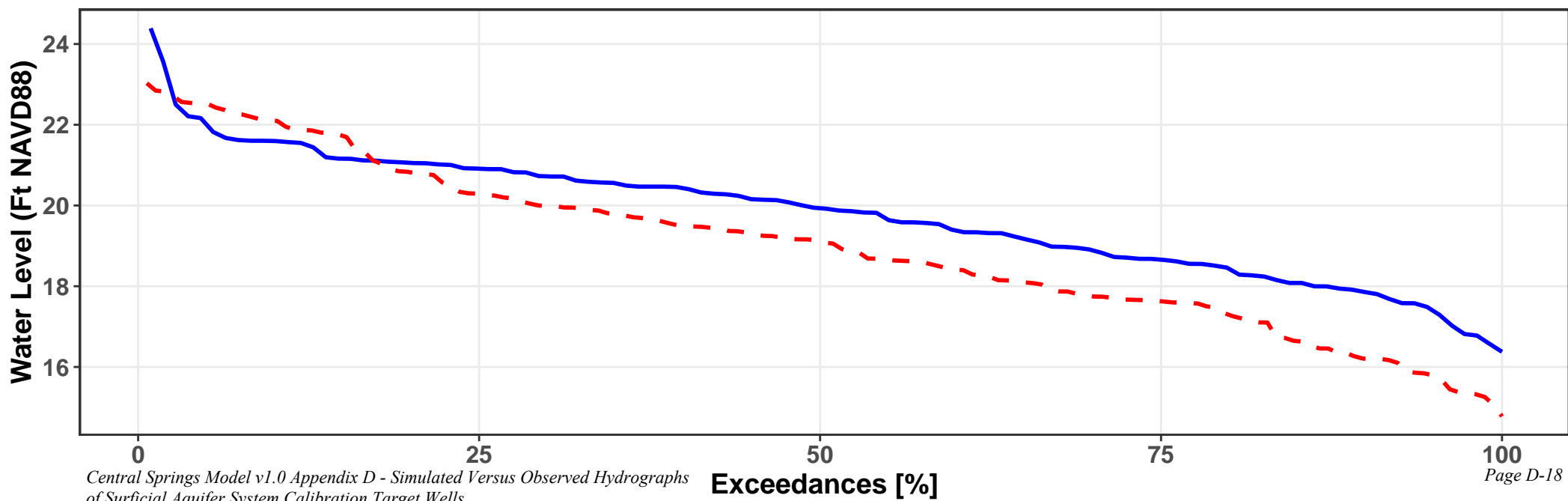
# F-0386 – SAS @ Espanola Pk

ME = -1.1 MAE = 1.4  $R^2 = 0.7334$  NSE = -0.143

— Observed — Simulated



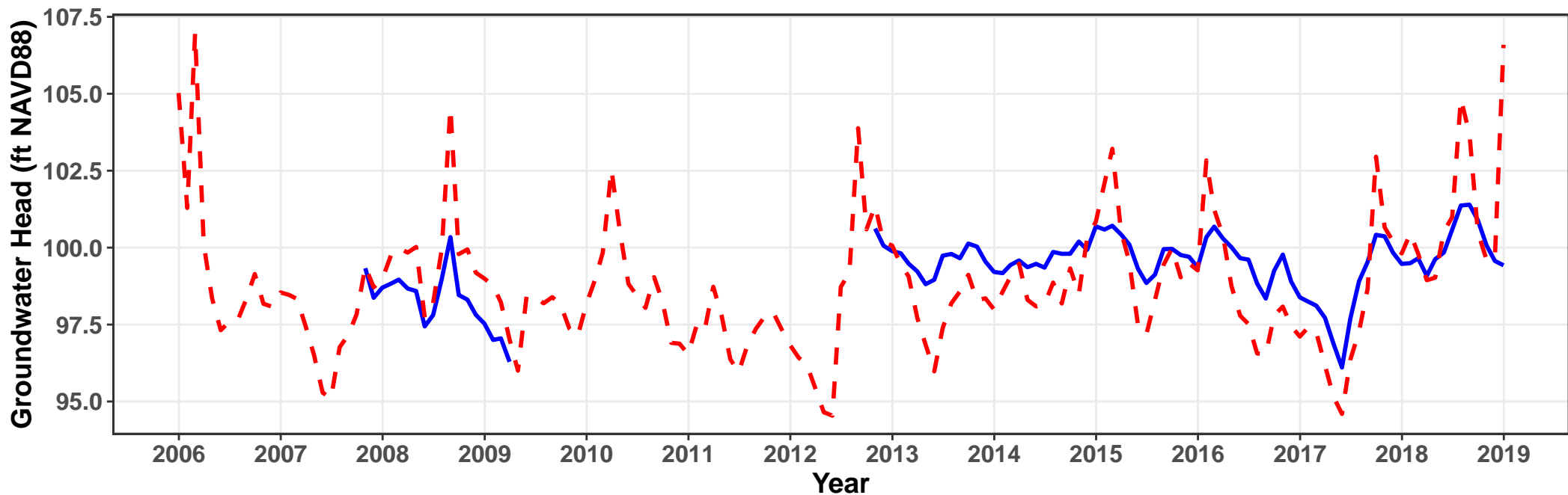
## Stage Duration Curve



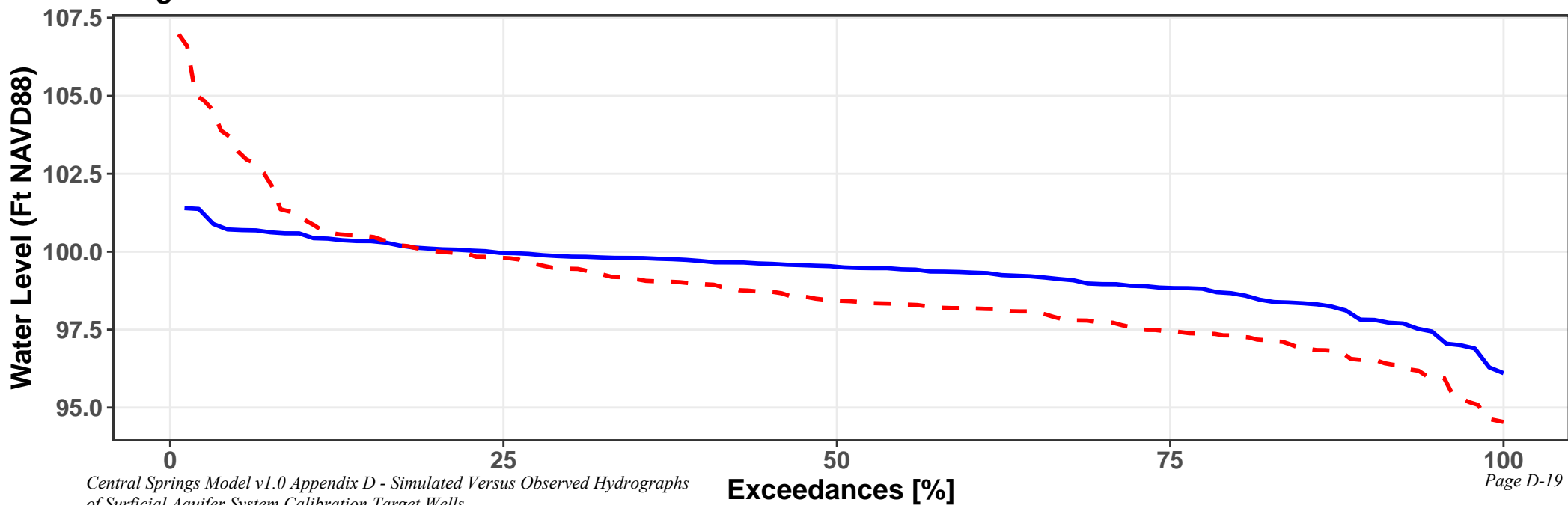
# L-0041 - SAS @ Mascotte

ME = -0.1 MAE = 1.2  $R^2 = 0.4056$  NSE = -1.24

— Observed — Simulated



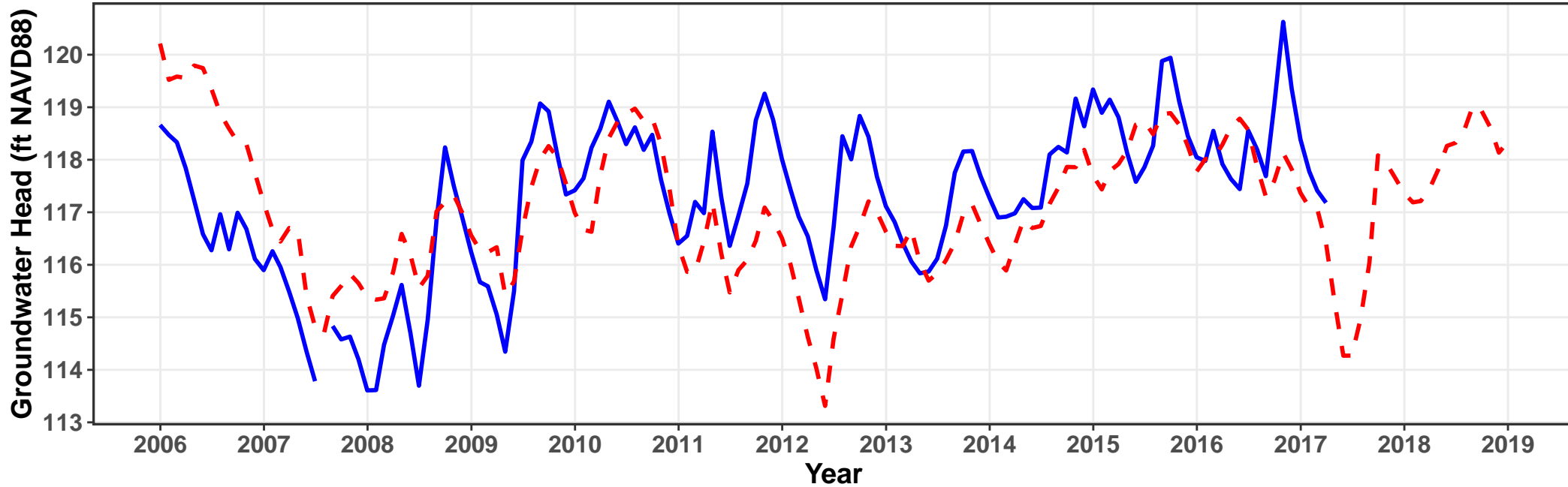
## Stage Duration Curve



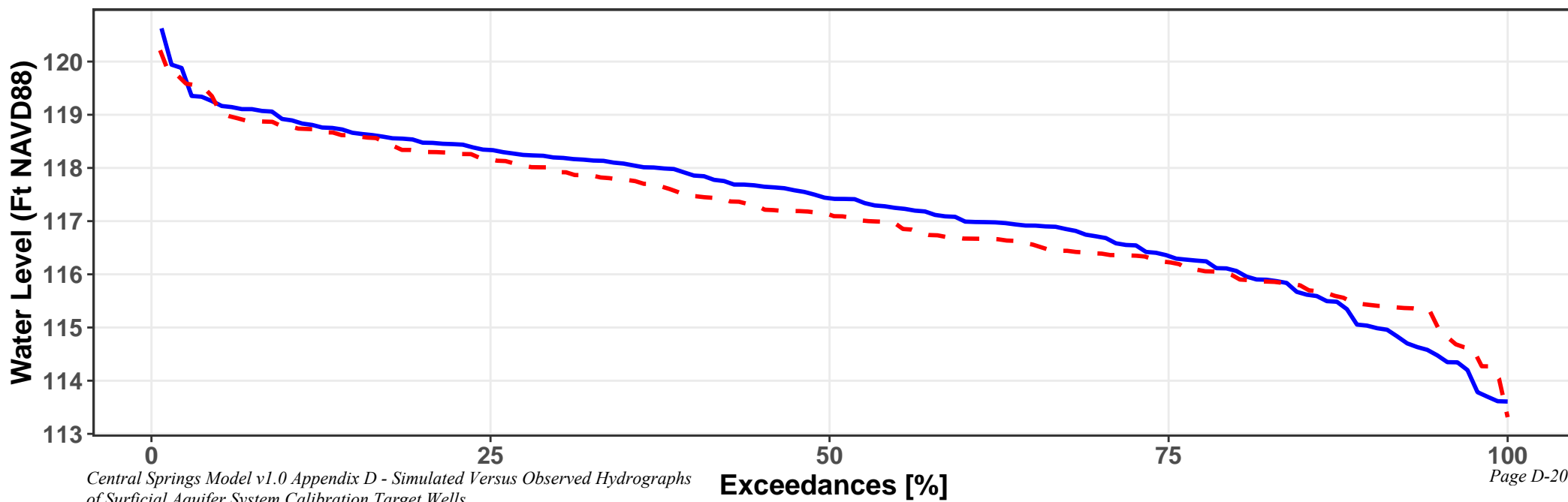
# L-0050 – SAS @ Horsehead Pd

ME = -0.1 MAE = 1  $R^2 = 0.3863$  NSE = 0.312

— Observed - - Simulated



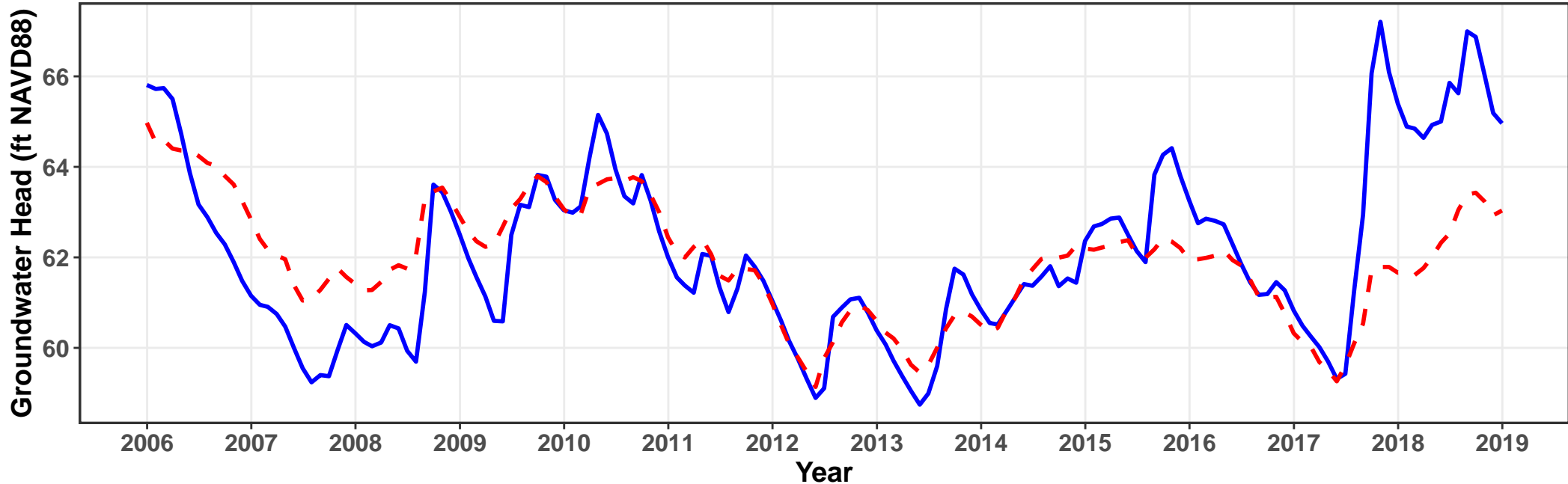
## Stage Duration Curve



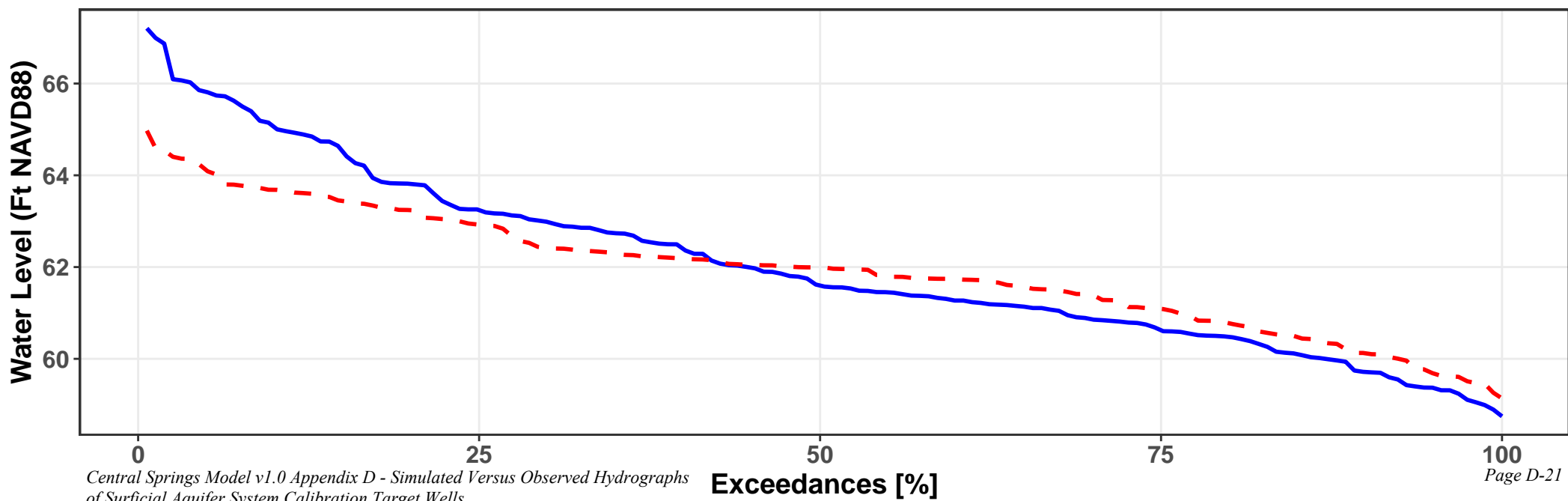
# L-0289 – SAS @ Leesburg Ftwr

ME = -0.1 MAE = 1  $R^2 = 0.4906$  NSE = 0.484

— Observed - - Simulated



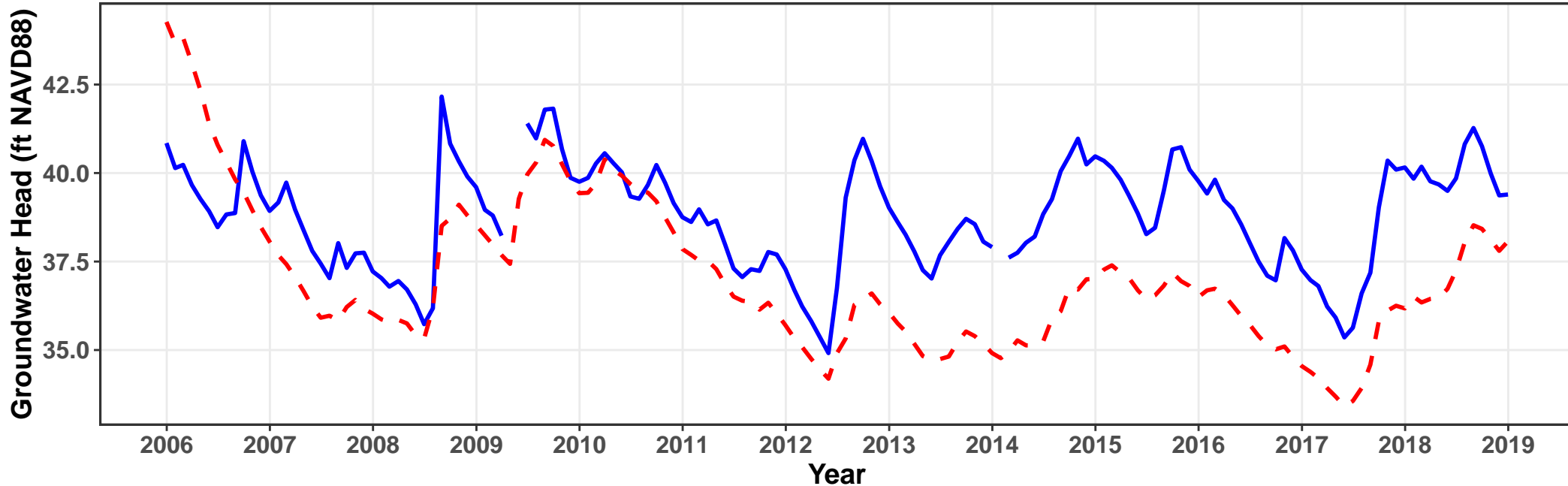
## Stage Duration Curve



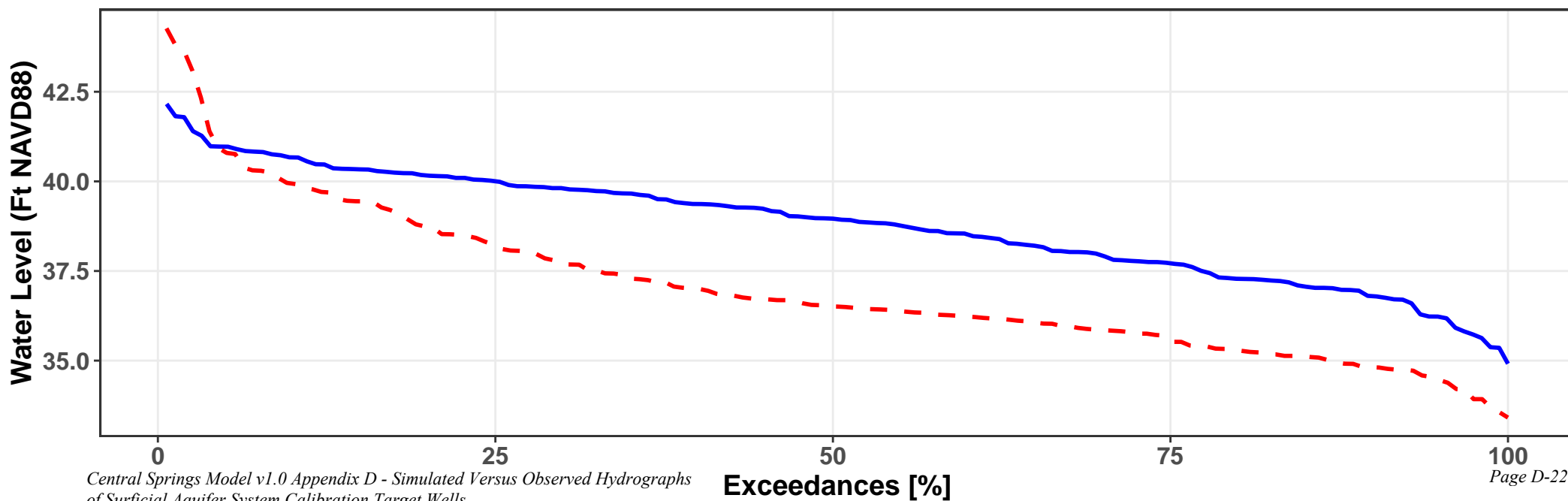
# L-0456 – SAS @ Alexander Spg CR445

ME = -1.8 MAE = 2.1  $R^2 = 0.4385$  NSE = -1.44

— Observed — Simulated



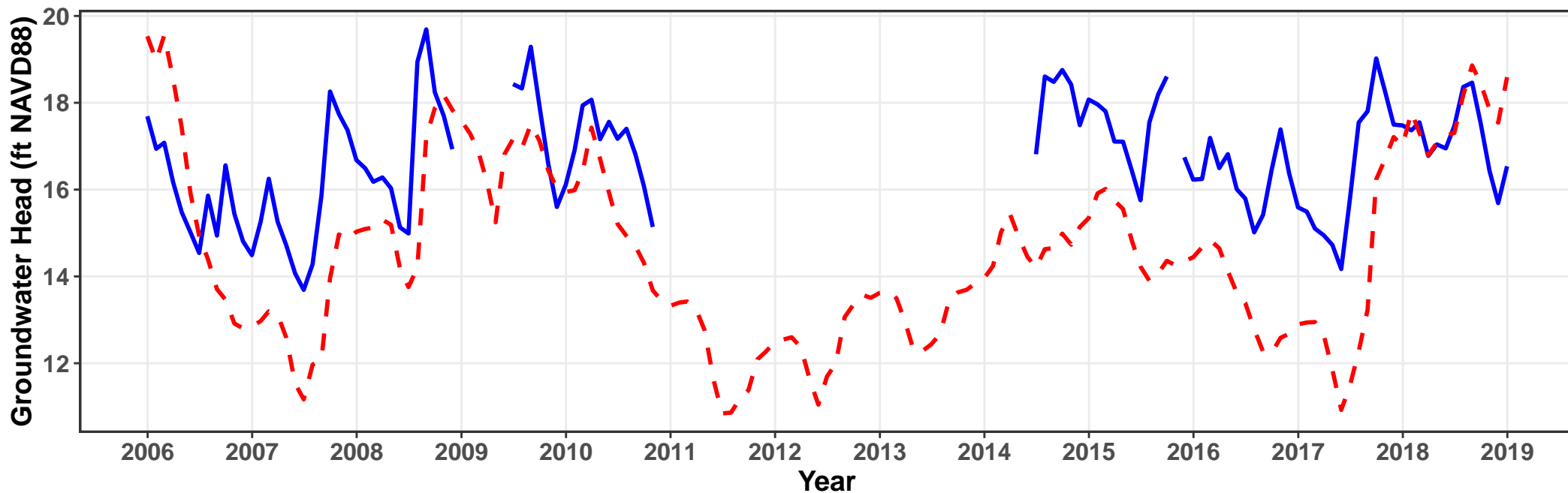
## Stage Duration Curve



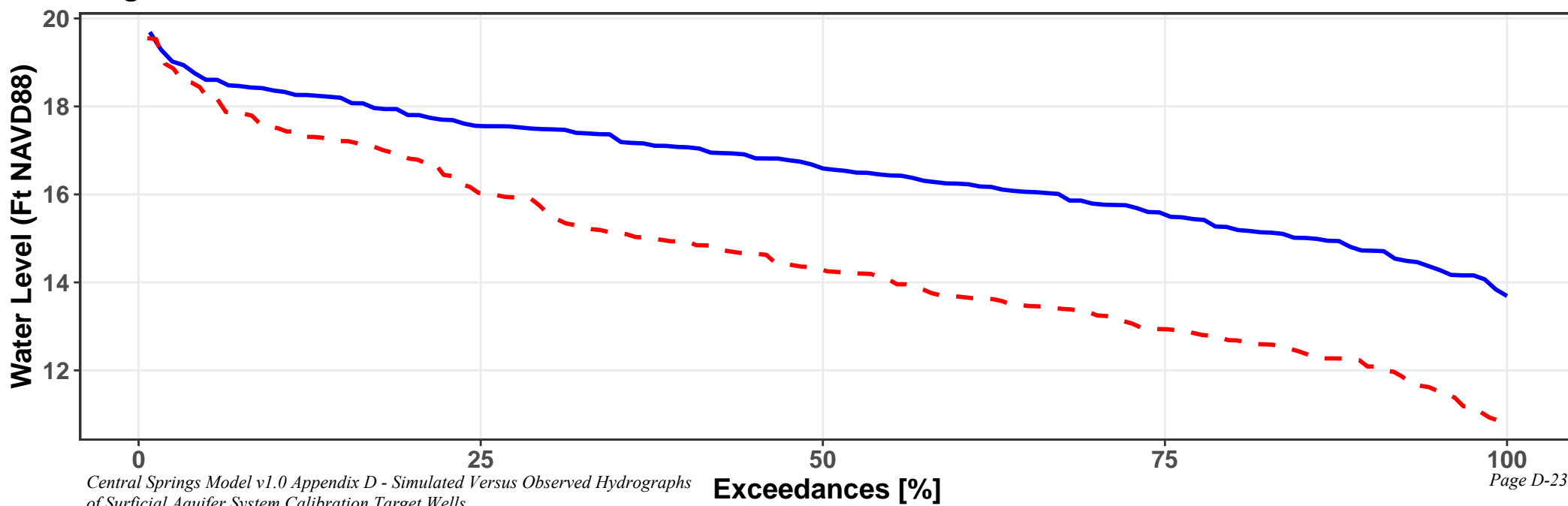
# L-0460 – SAS @ Astor Pk

ME = -1.7 MAE = 2.1  $R^2 = 0.3335$  NSE = -2.216

— Observed - - Simulated



## Stage Duration Curve

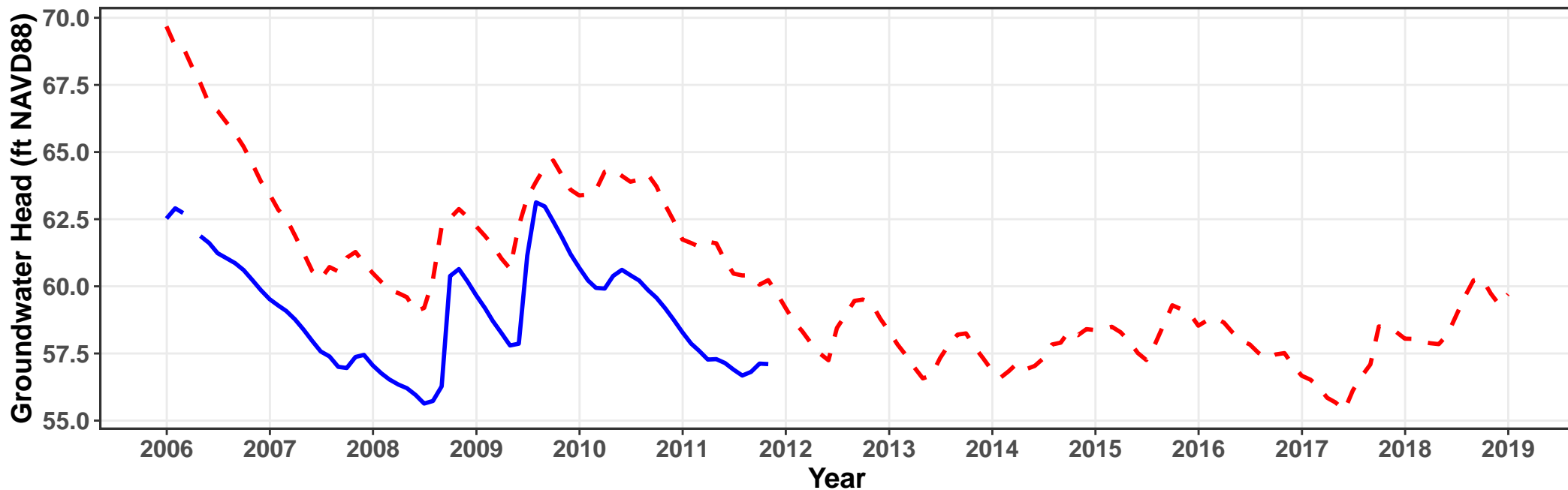




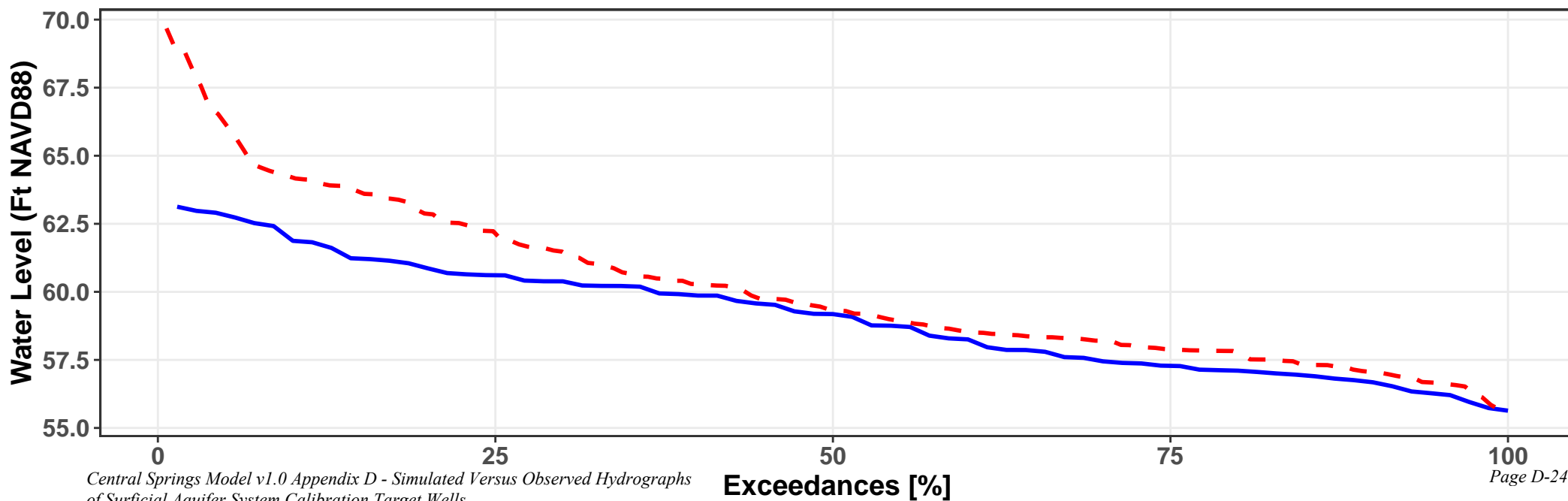
# L-0663 – SAS @ Altoona

ME = 3.6 MAE = 3.6  $R^2 = 0.7834$  NSE = -2.552

— Observed — Simulated



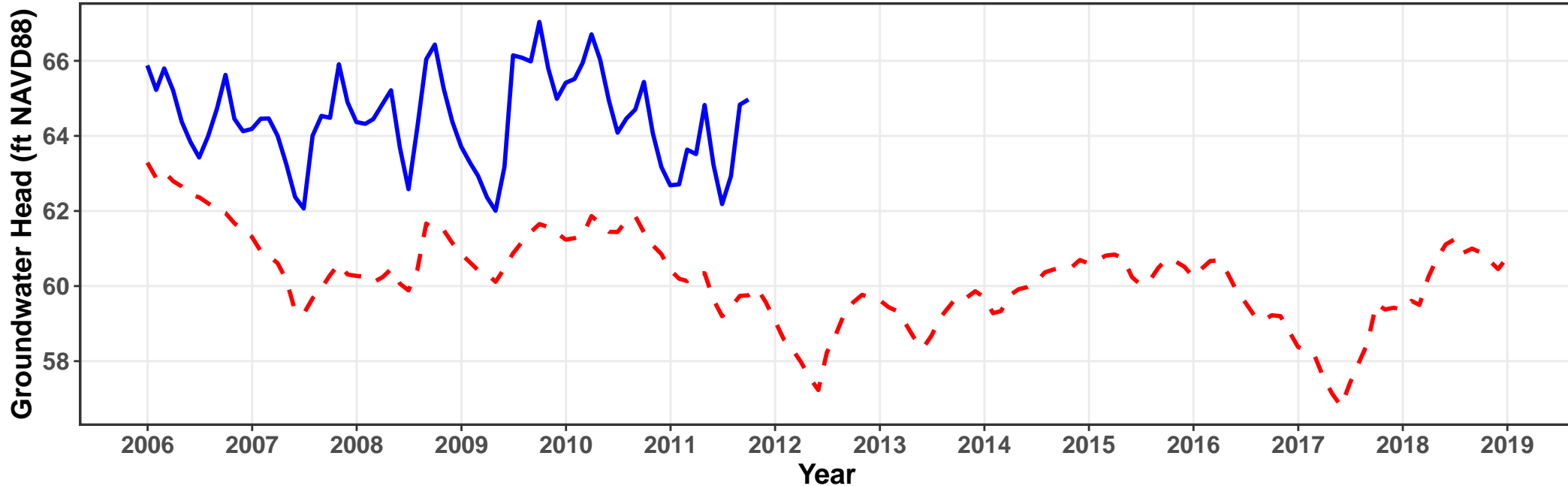
## Stage Duration Curve



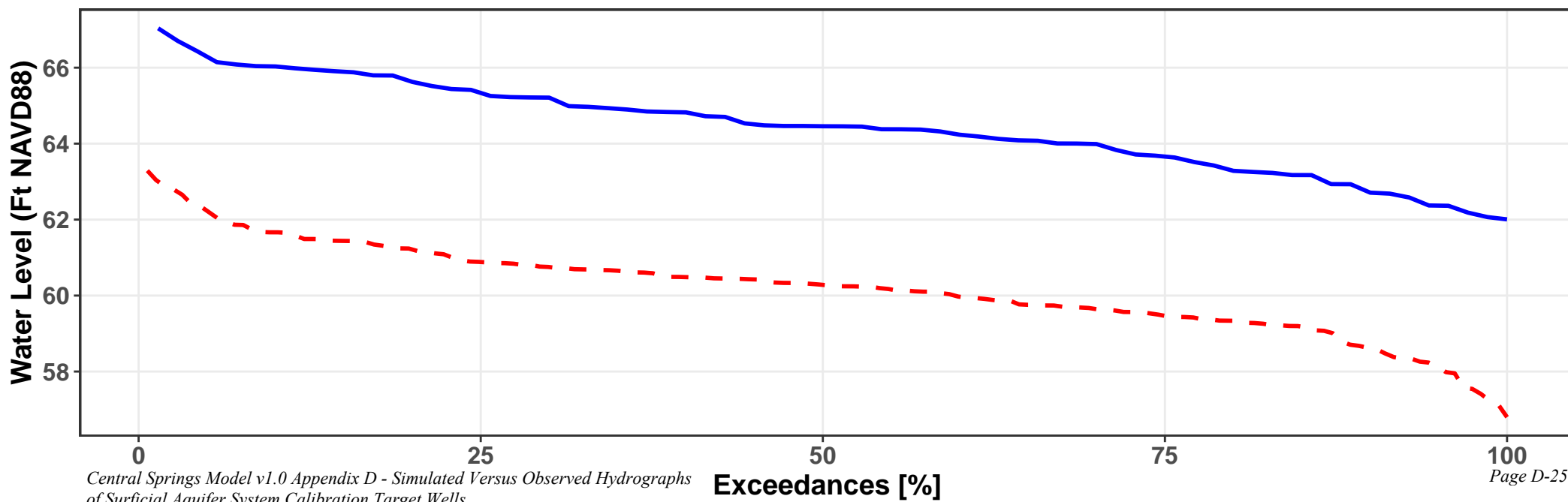
# L-0664 – SAS @ Leesburg Ballfield

ME = -3.5 MAE = 3.5  $R^2 = 0.314$  NSE = -8.264

— Observed — Simulated



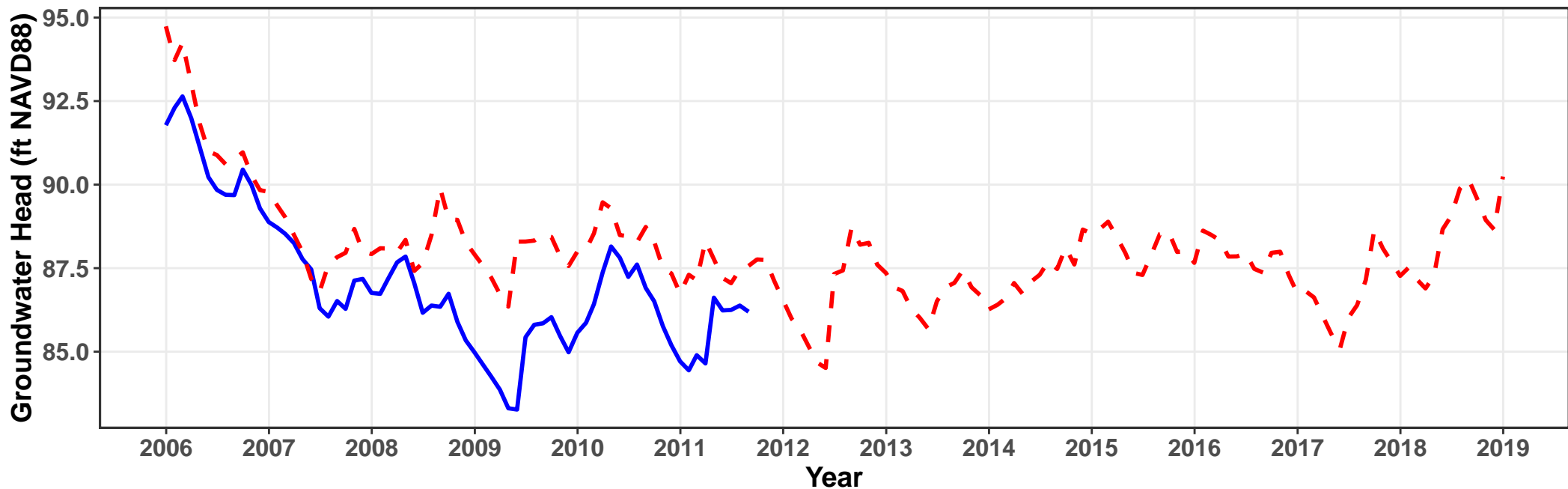
## Stage Duration Curve



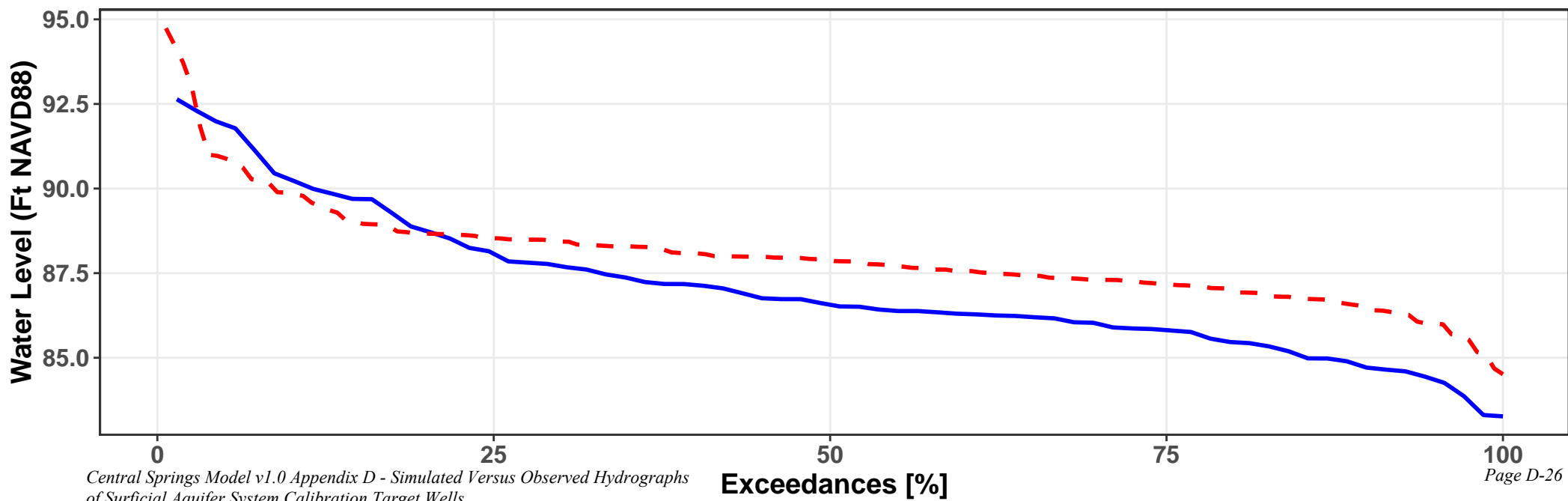
# L-0693 – SAS @ Tuscanooga Rd

ME = 1.7 MAE = 1.7  $R^2 = 0.7668$  NSE = 0.15

— Observed — Simulated



## Stage Duration Curve

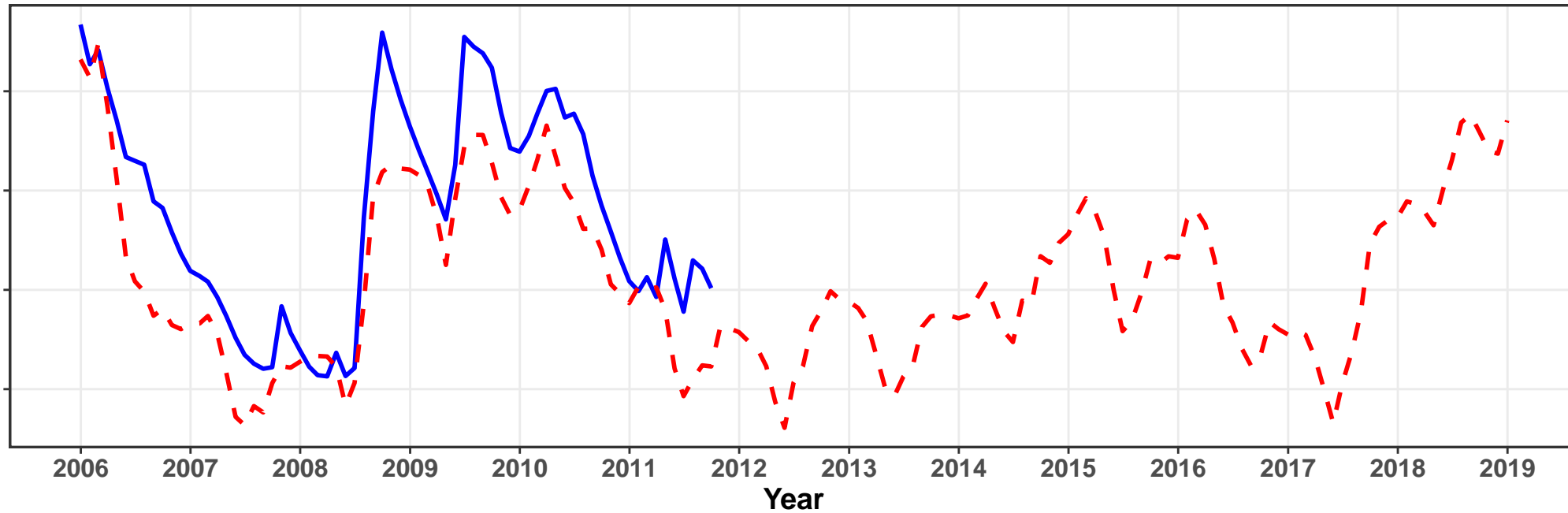


# L-0695 – SAS @ Lk Mack

ME = -1.1 MAE = 1.2  $R^2 = 0.8757$  NSE = 0.6

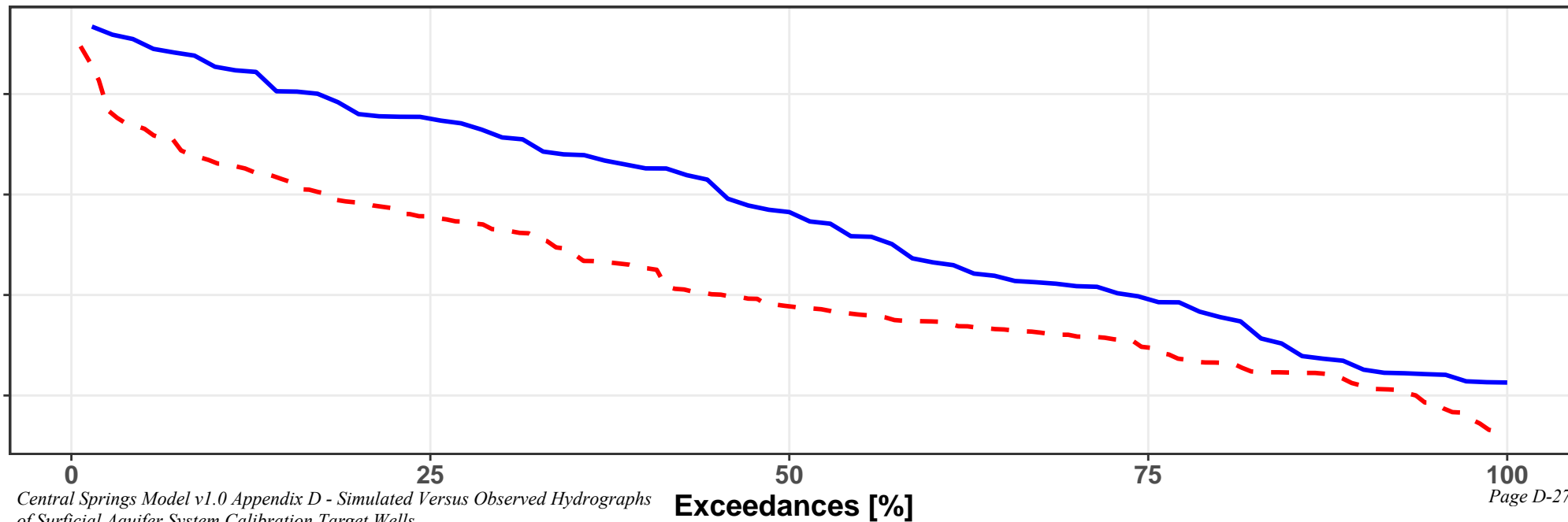
— Observed - - Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

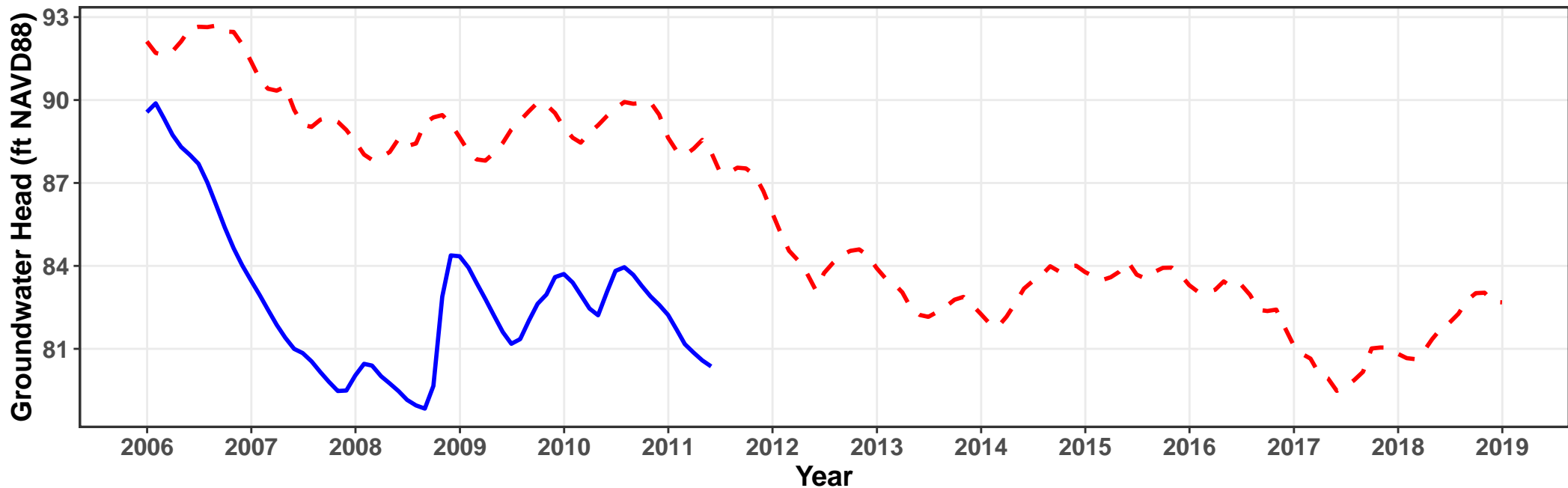
Water Level (Ft NAVD88)



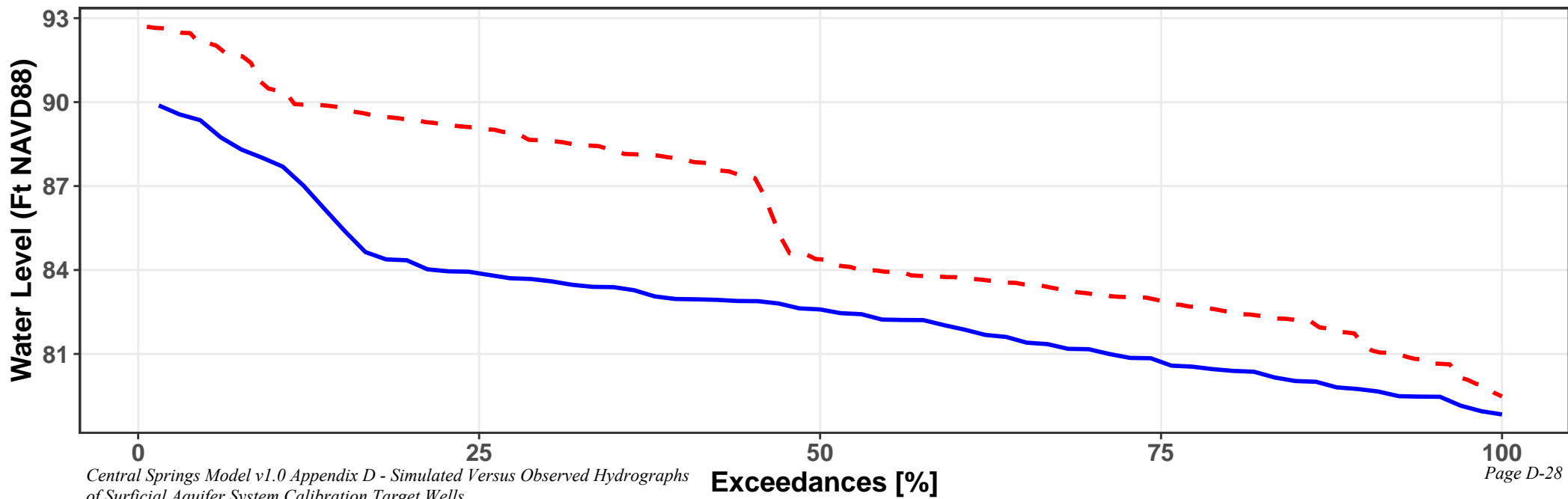
# L-0696 – SAS @ Carlton Vilg

ME = 6.9 MAE = 6.9  $R^2 = 0.5669$  NSE = -5.828

— Observed — Simulated



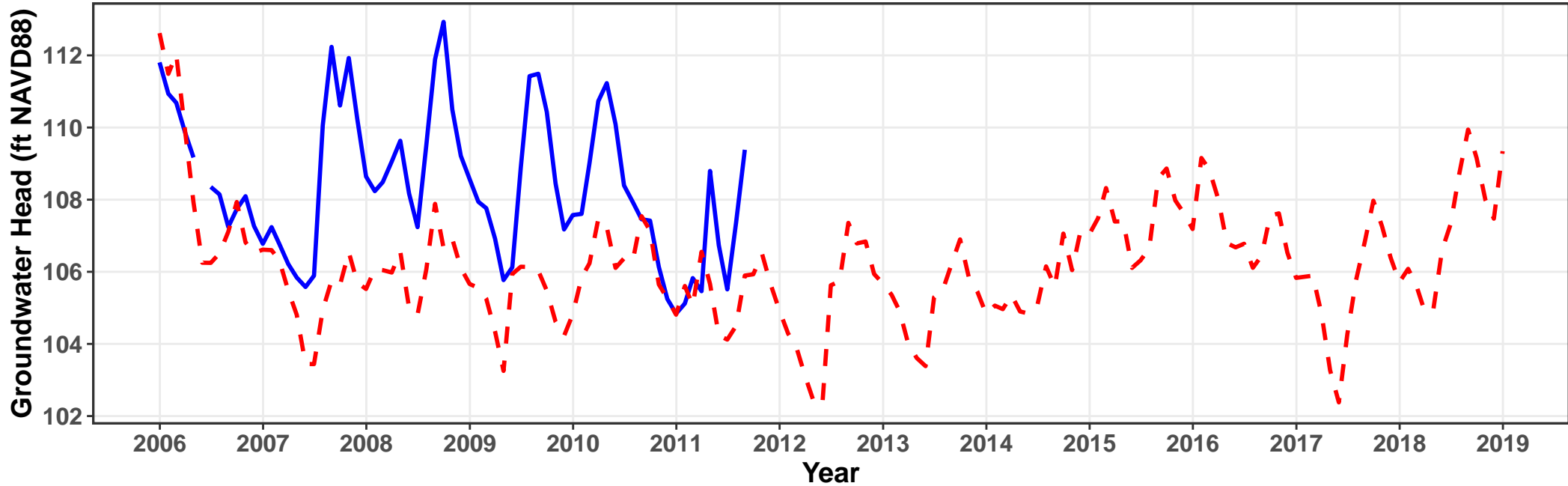
## Stage Duration Curve



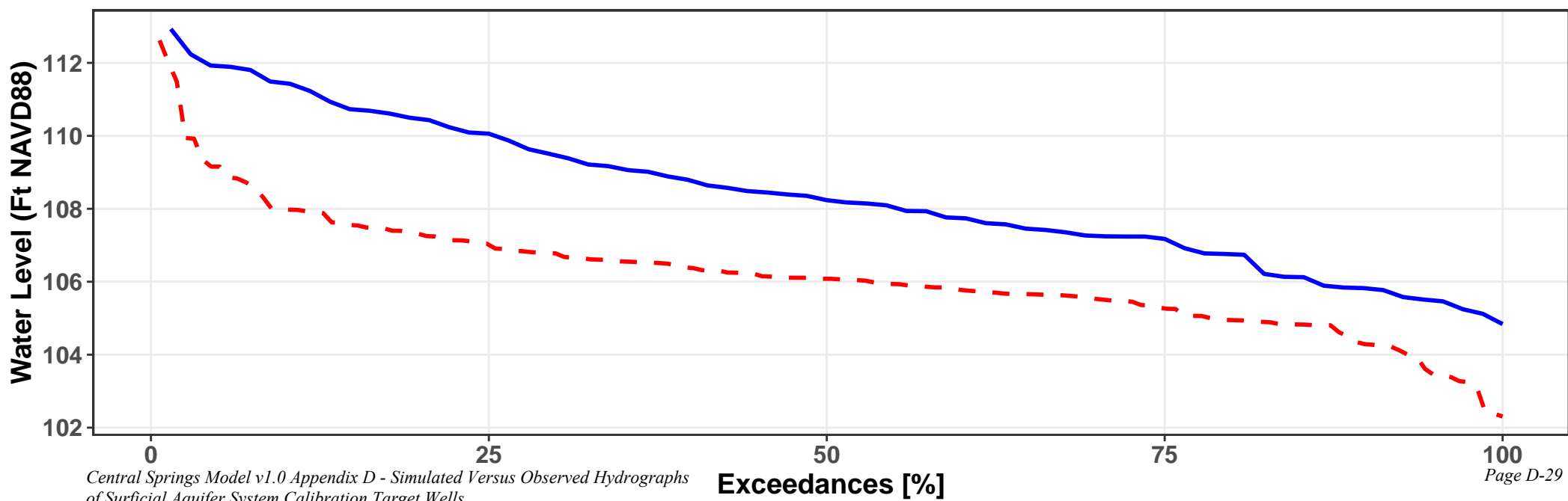
# L-0697 – SAS @ SR33 nr Groveland

ME = -2.2 MAE = 2.4  $R^2 = 0.2636$  NSE = -1.117

— Observed - - Simulated



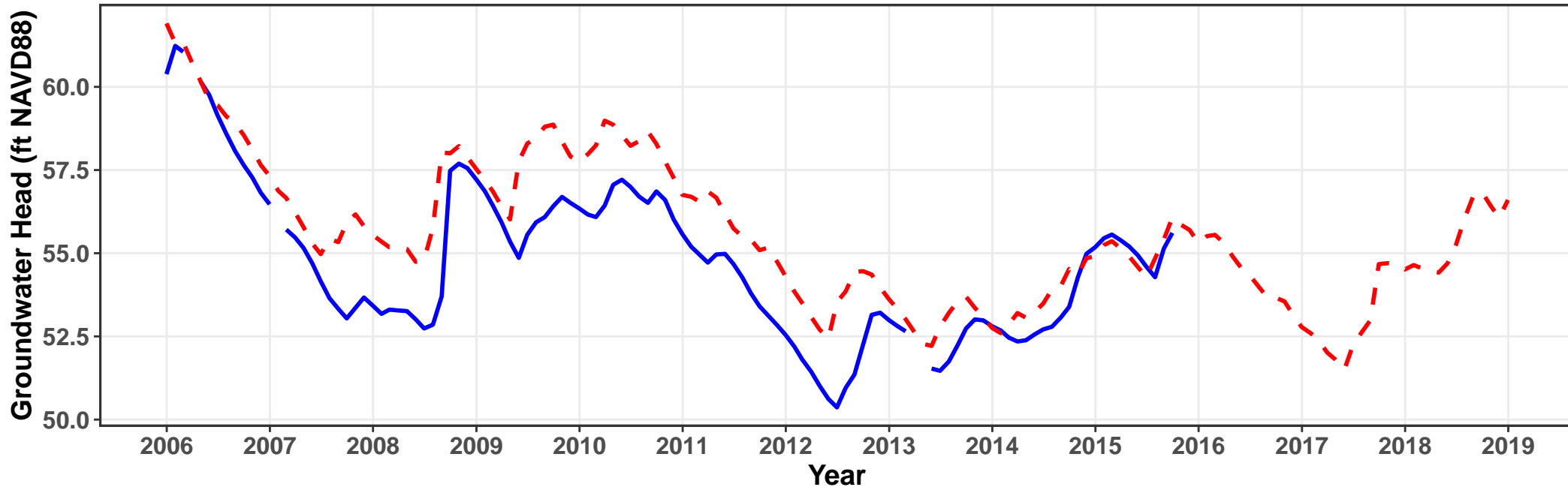
## Stage Duration Curve



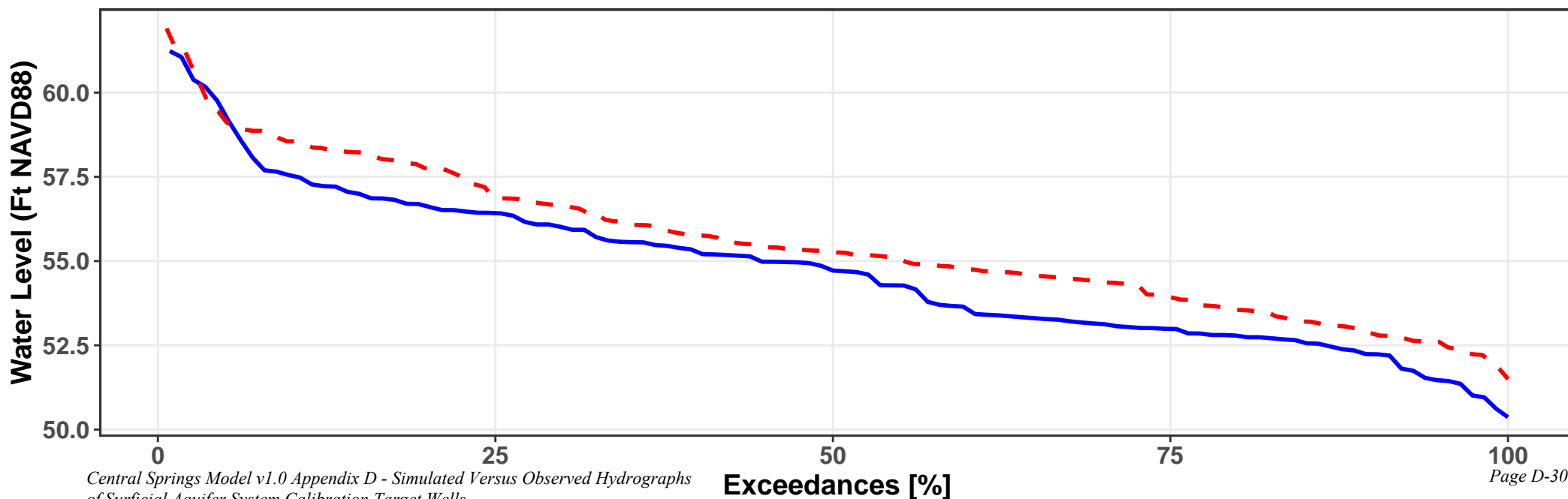
# L-0699 – SAS @ SR452 & Emerald IsI

ME = 1.2 MAE = 1.3  $R^2 = 0.8373$  NSE = 0.551

— Observed — Simulated



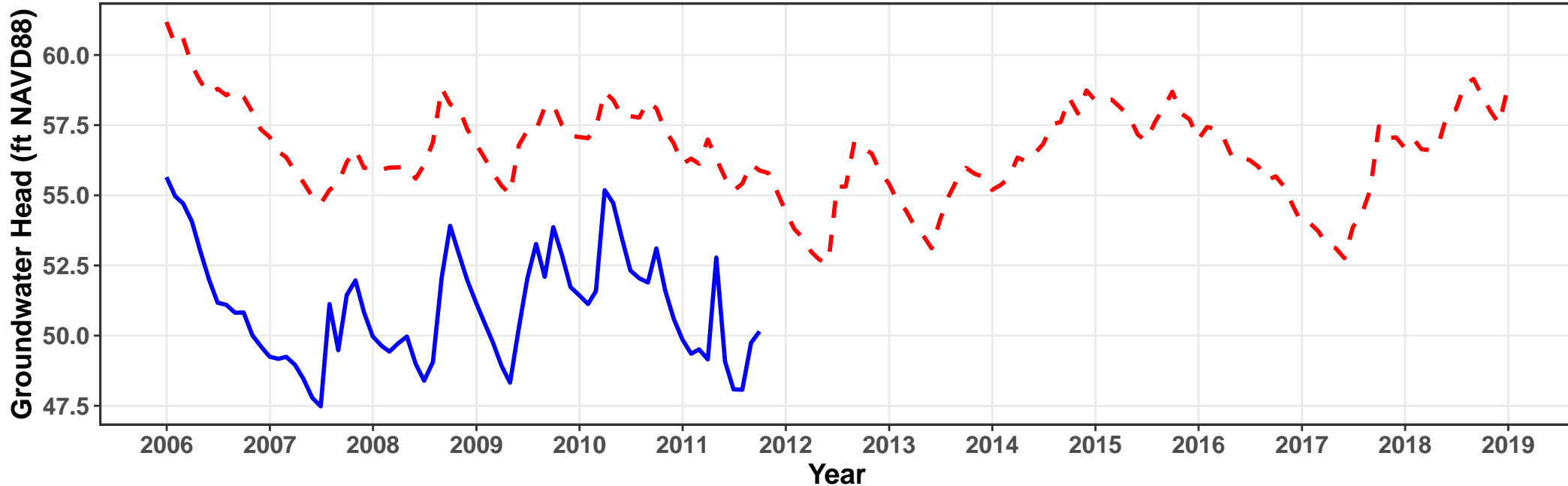
## Stage Duration Curve



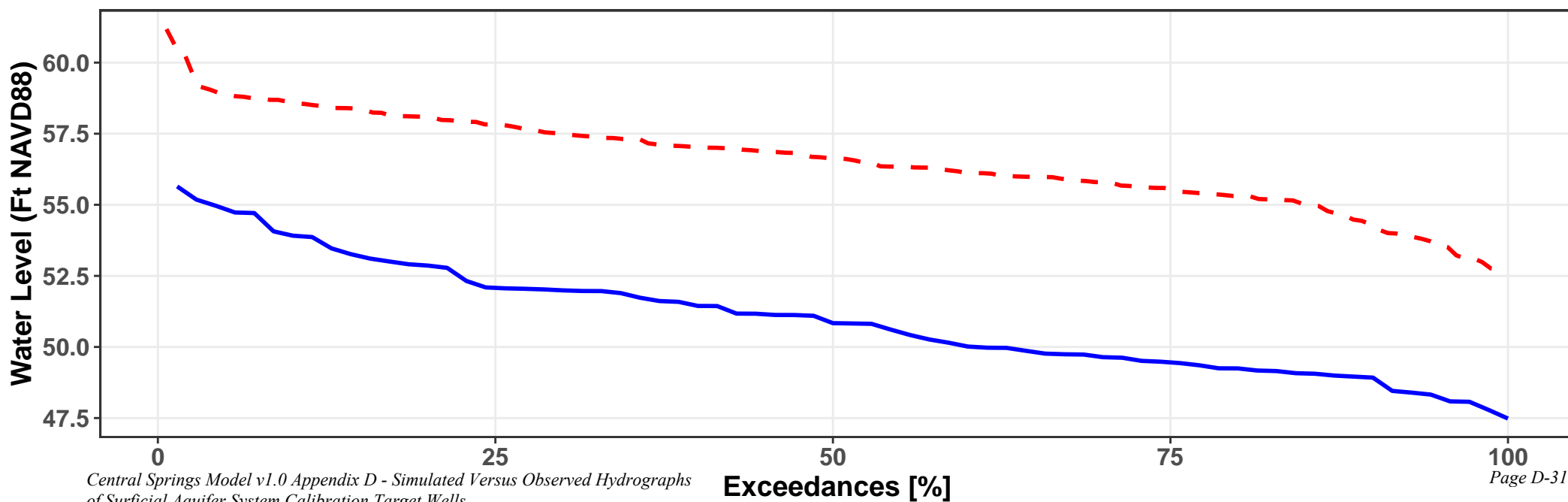
# L-0700 – SAS @ SR466A Fruitland Pk

ME = 6.1 MAE = 6.1  $R^2 = 0.6745$  NSE = -9.042

— Observed — Simulated



## Stage Duration Curve

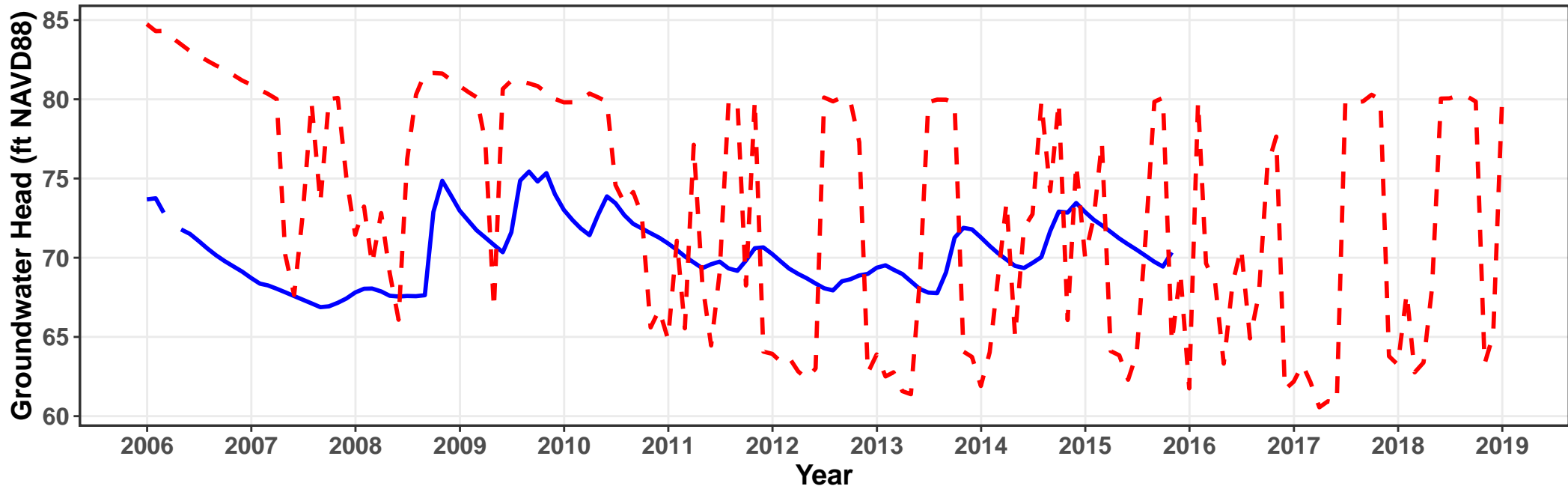




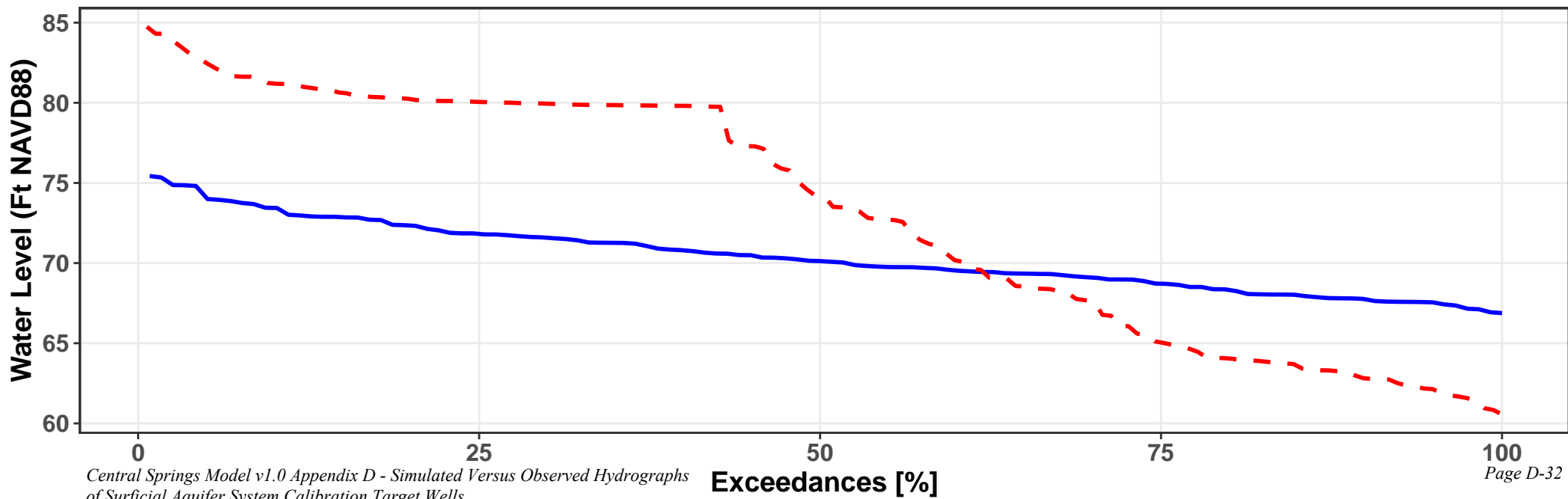
# L-0701 – SAS @ Cardinal Ln

ME = 3.7 MAE = 7.1  $R^2 = 0.0469$  NSE = -13.476

— Observed — Simulated



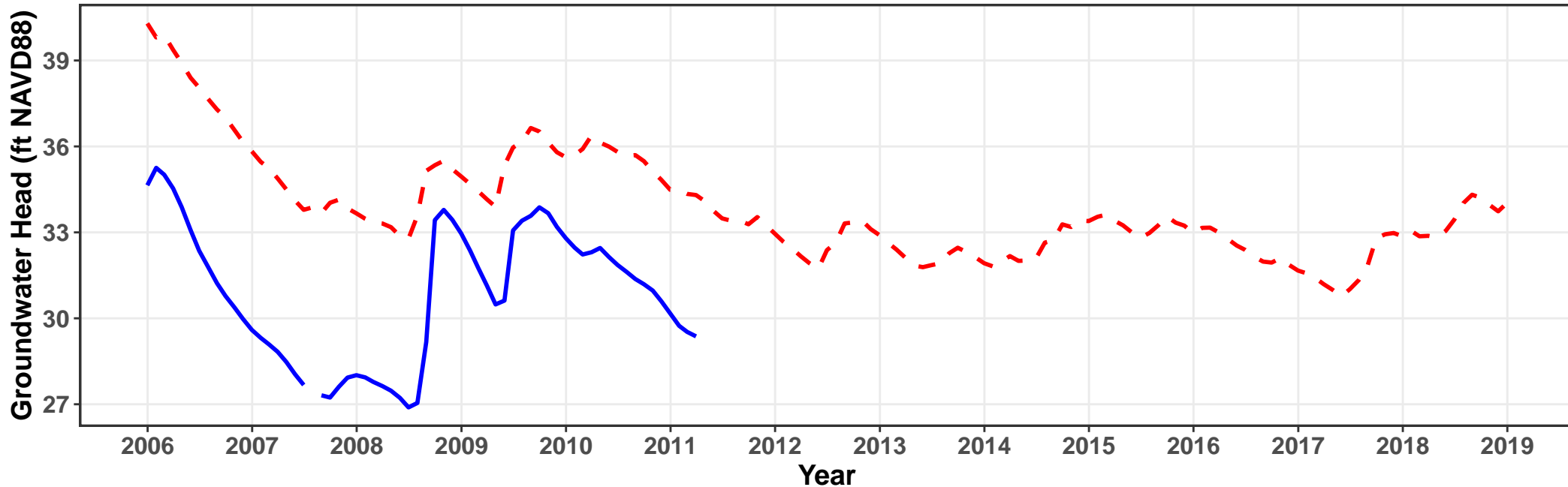
## Stage Duration Curve



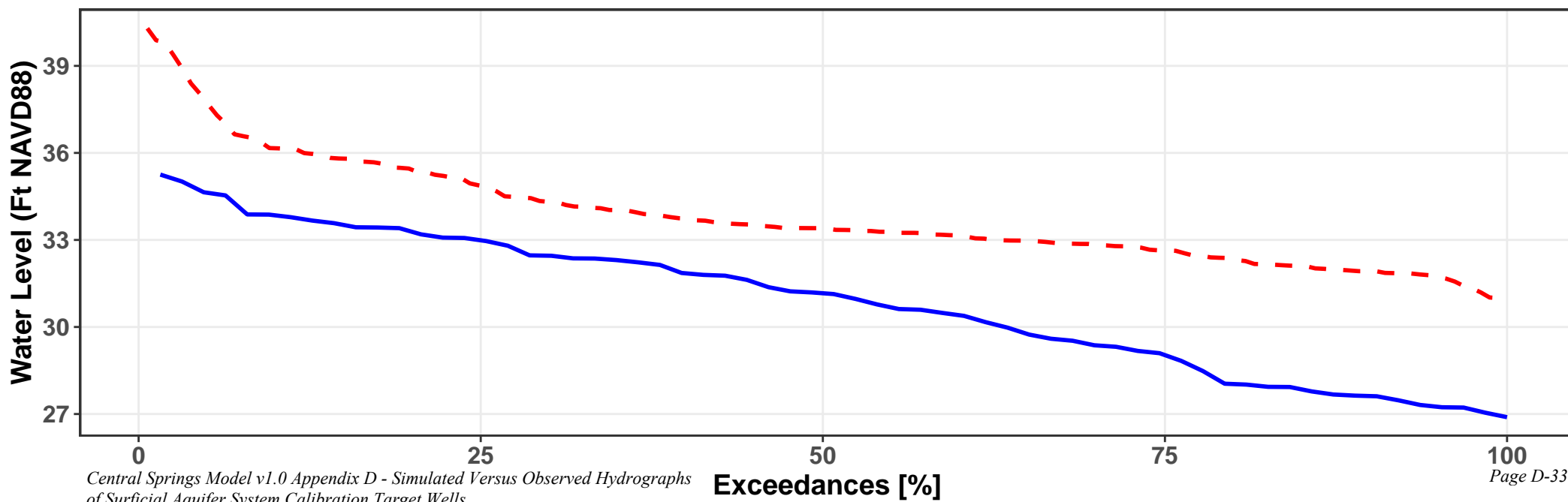
# L-0702 – SAS @ Bunch Ground Pd

ME = 4.6 MAE = 4.6  $R^2 = 0.6298$  NSE = -3.246

— Observed — Simulated



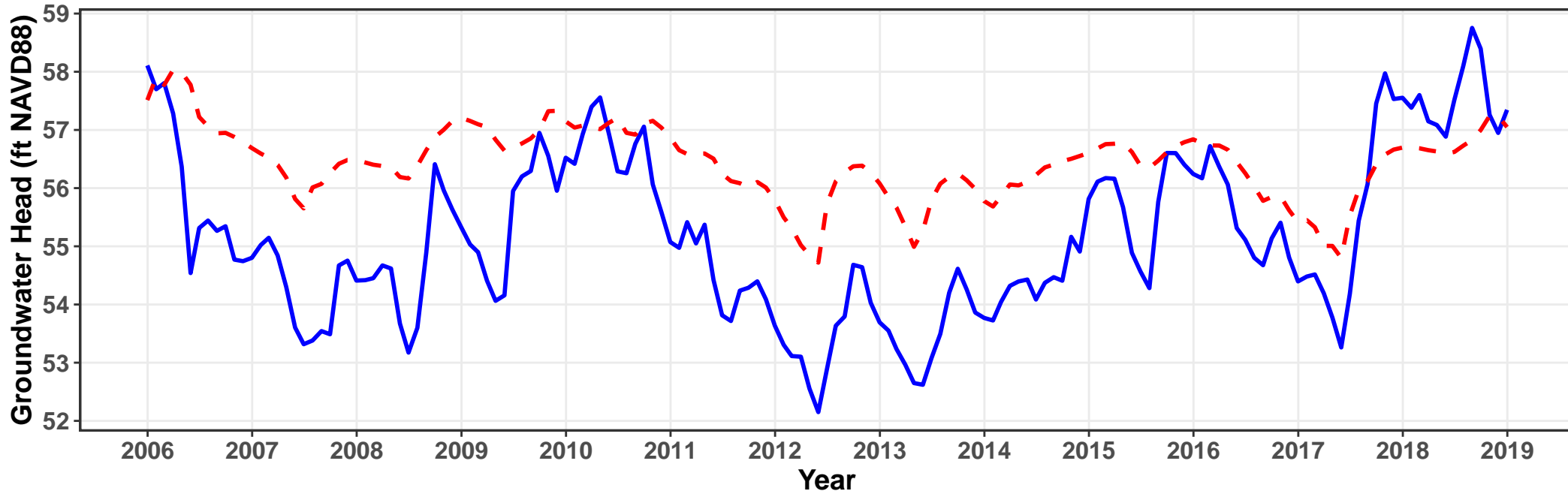
## Stage Duration Curve



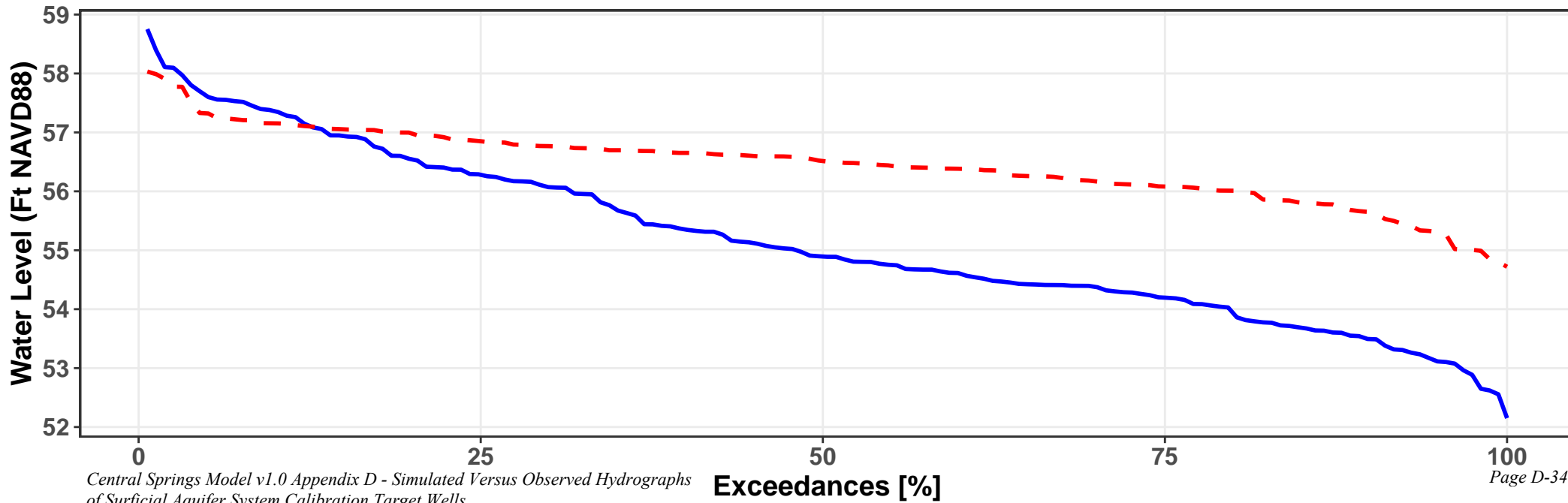
# L-0703 – SAS @ Carrot Barn

ME = 1.3 MAE = 1.5  $R^2 = 0.5255$  NSE = -0.341

— Observed — Simulated



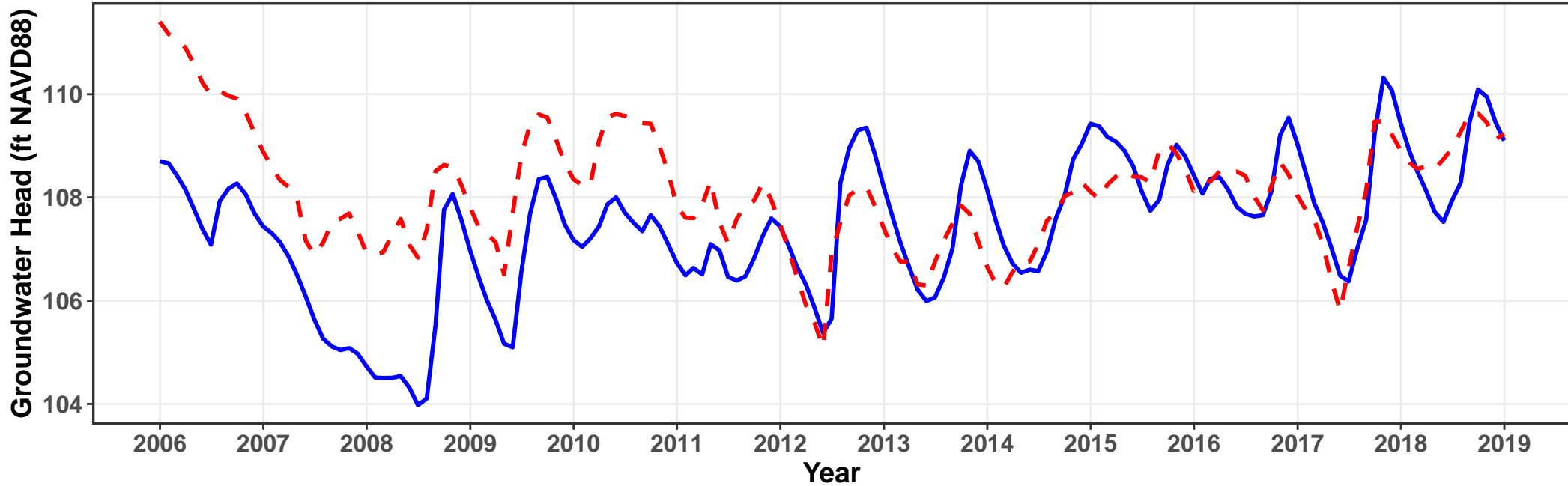
## Stage Duration Curve



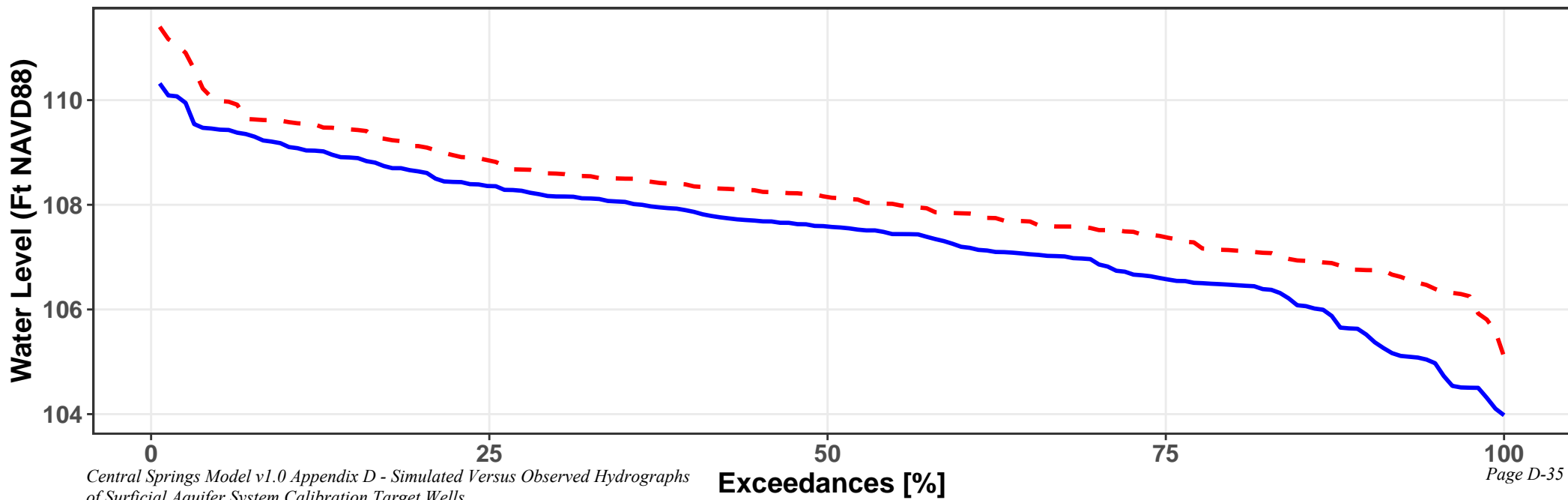
# L-0710 – SAS @ Smokehouse Lk Wells

ME = 0.7 MAE = 1.1  $R^2 = 0.323$  NSE = -0.018

— Observed — Simulated



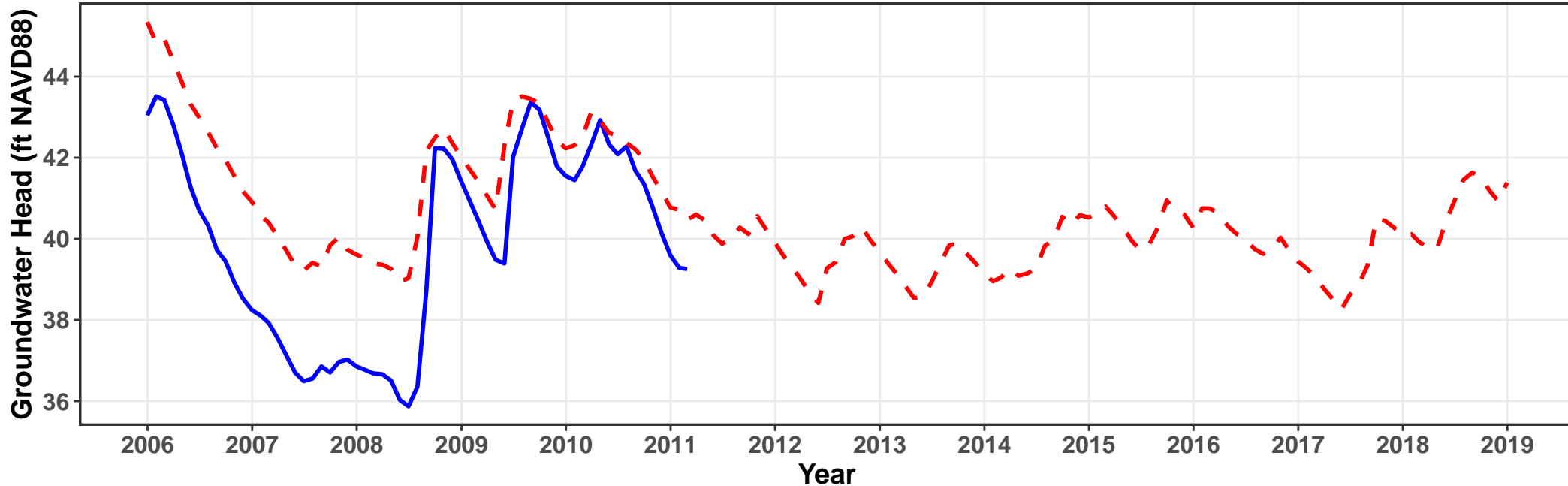
## Stage Duration Curve



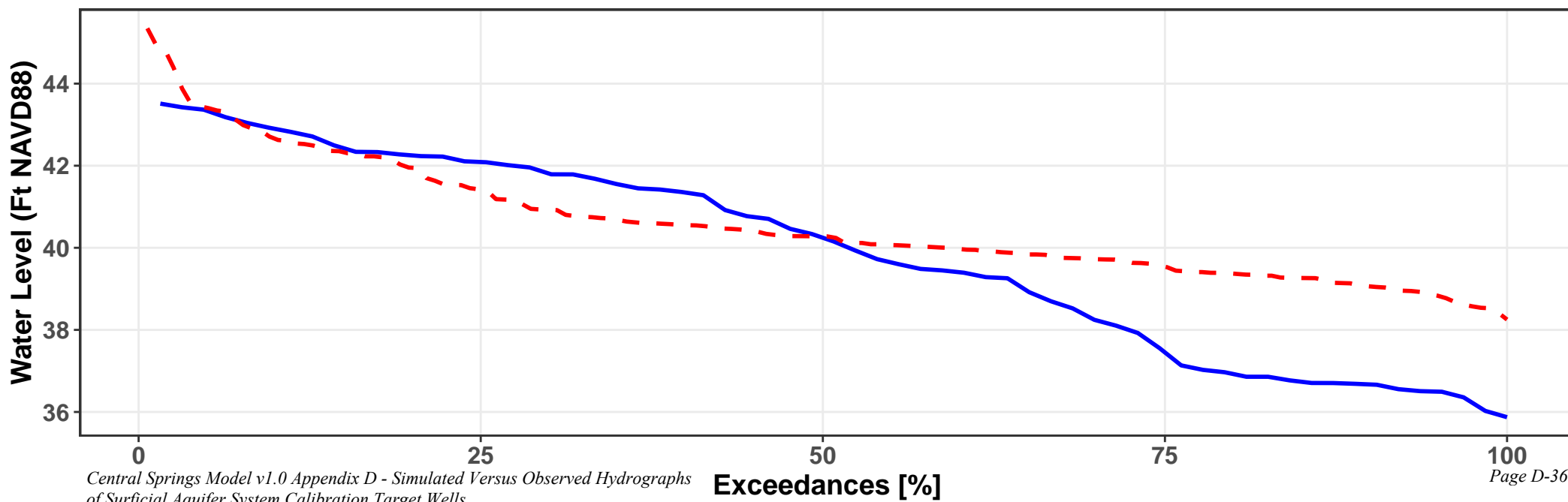
# L-0716 – SAS @ Seminole SF

ME = 1.7 MAE = 1.7  $R^2 = 0.8693$  NSE = 0.292

— Observed — Simulated



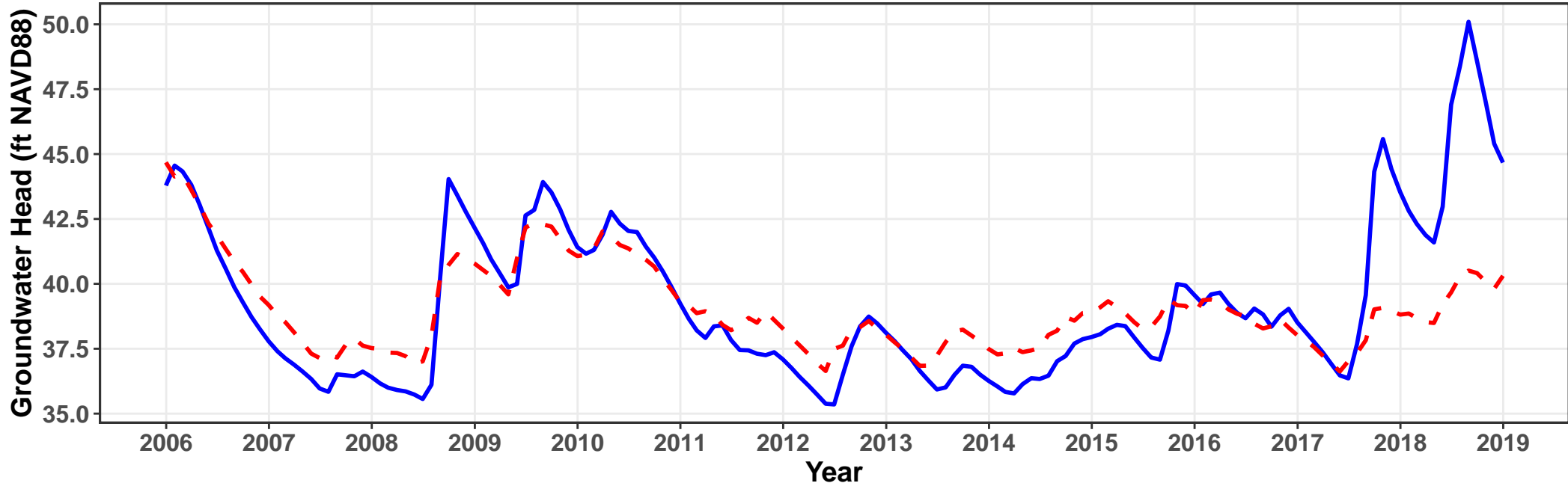
## Stage Duration Curve



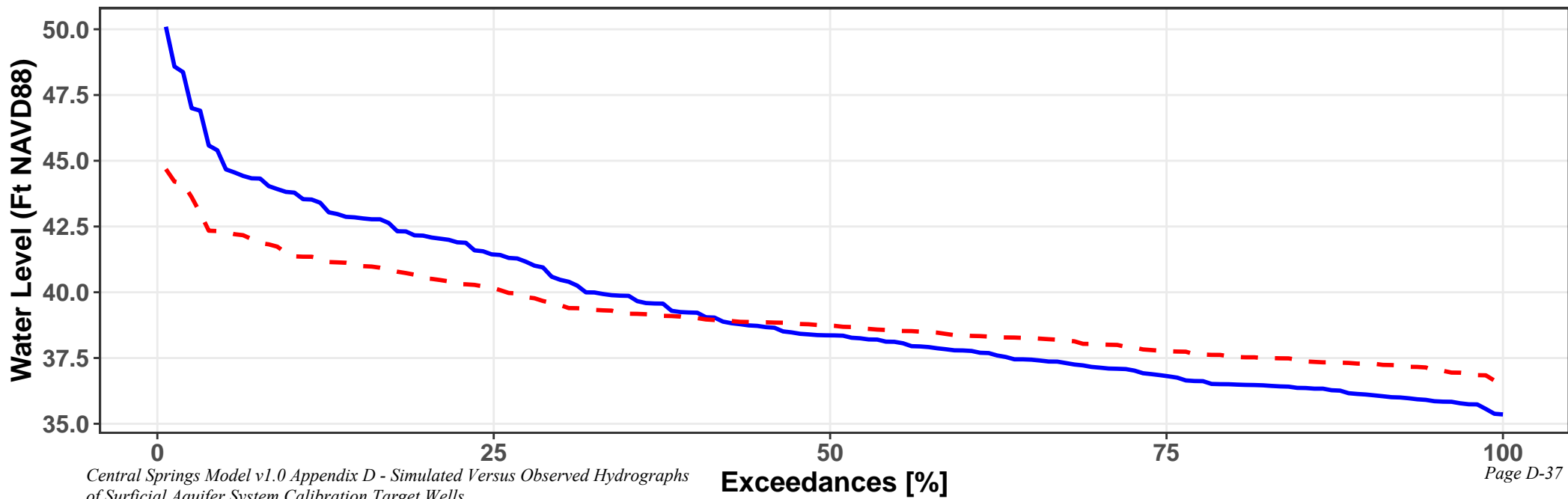
# L-0814 – SAS @ Seminole SF New

ME = -0.2 MAE = 1.3  $R^2 = 0.5662$  NSE = 0.52

— Observed - - Simulated



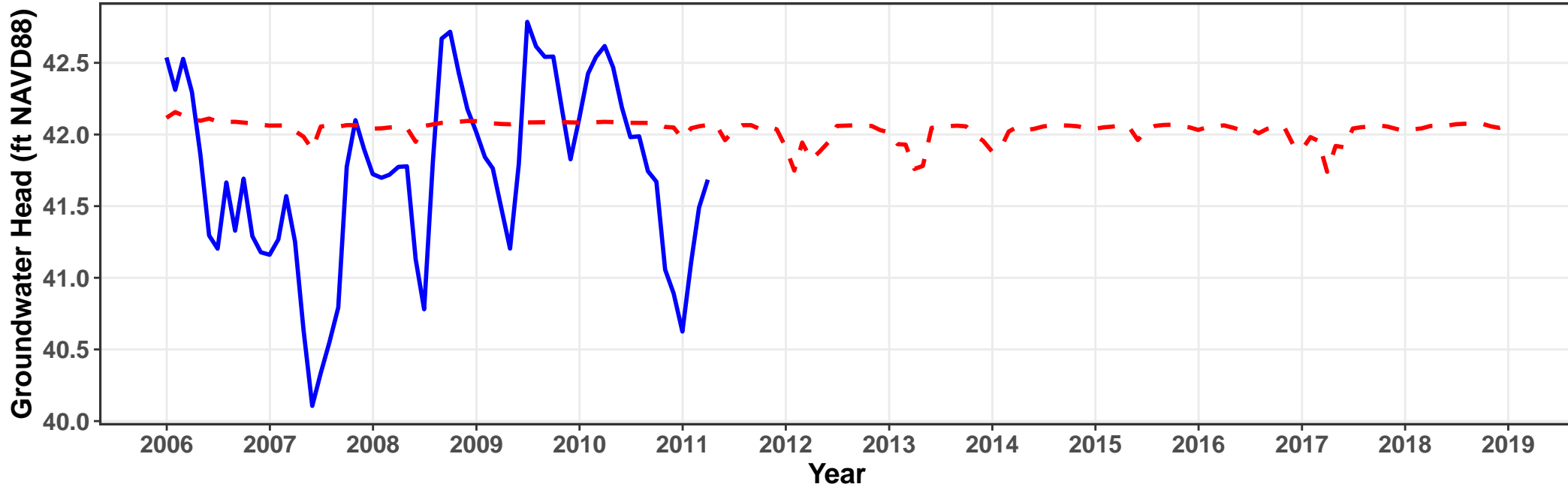
## Stage Duration Curve



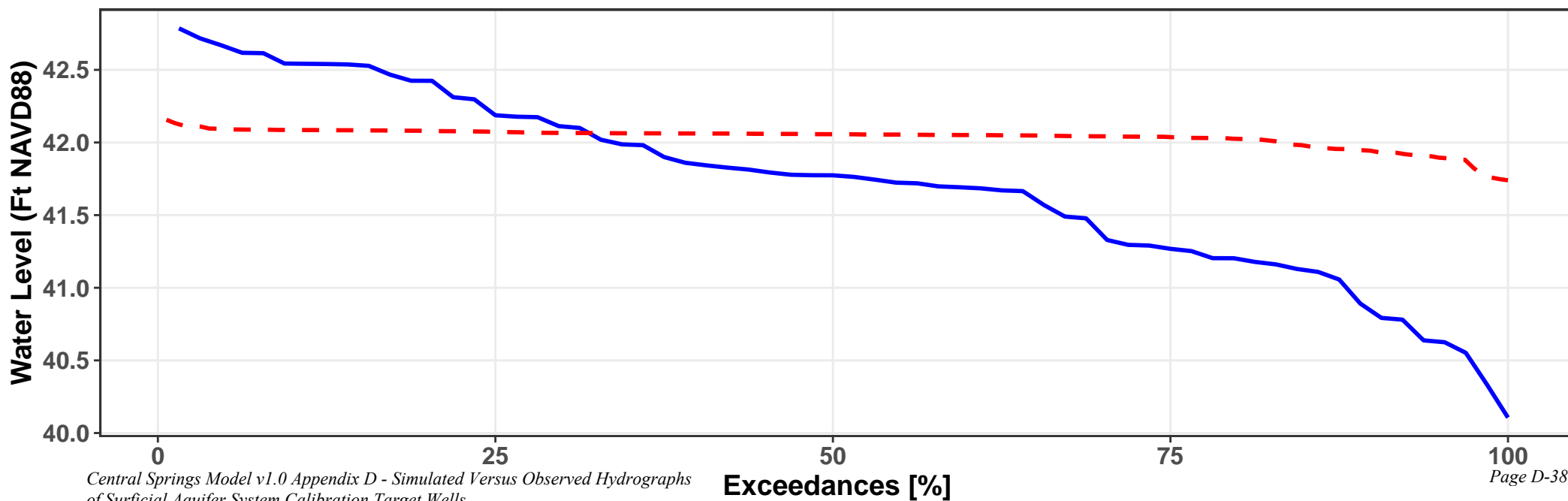
# L-0830 – SAS @ Lk Dorr T1 E

ME = 0.3 MAE = 0.6  $R^2 = 0.4119$  NSE = -0.226

— Observed — Simulated



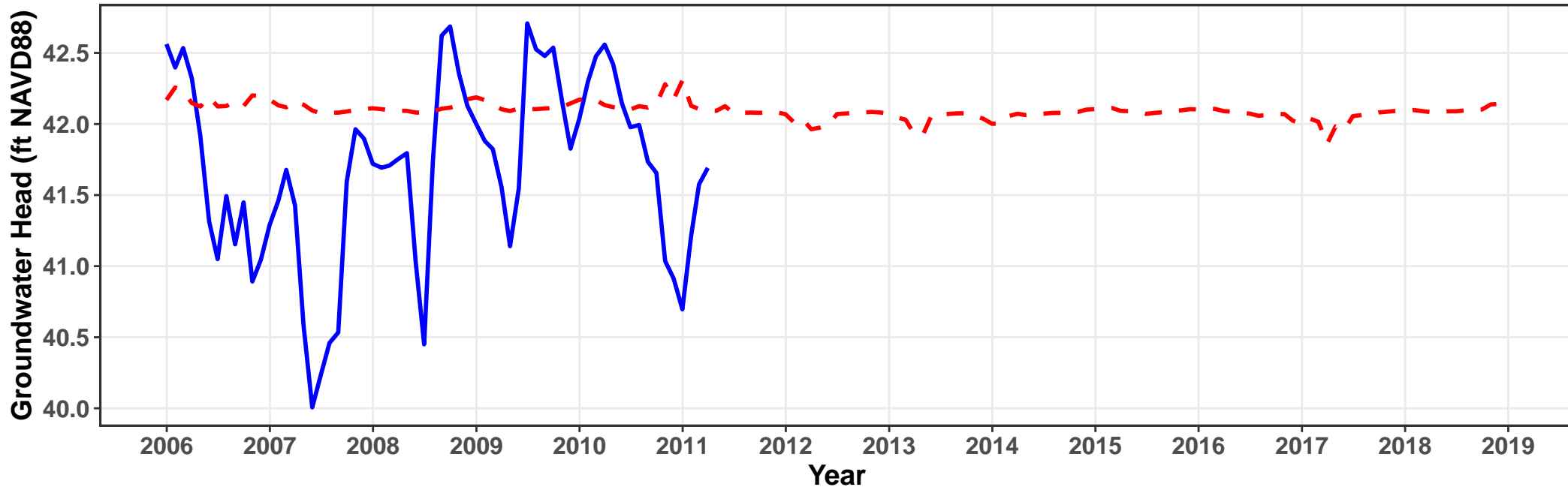
## Stage Duration Curve



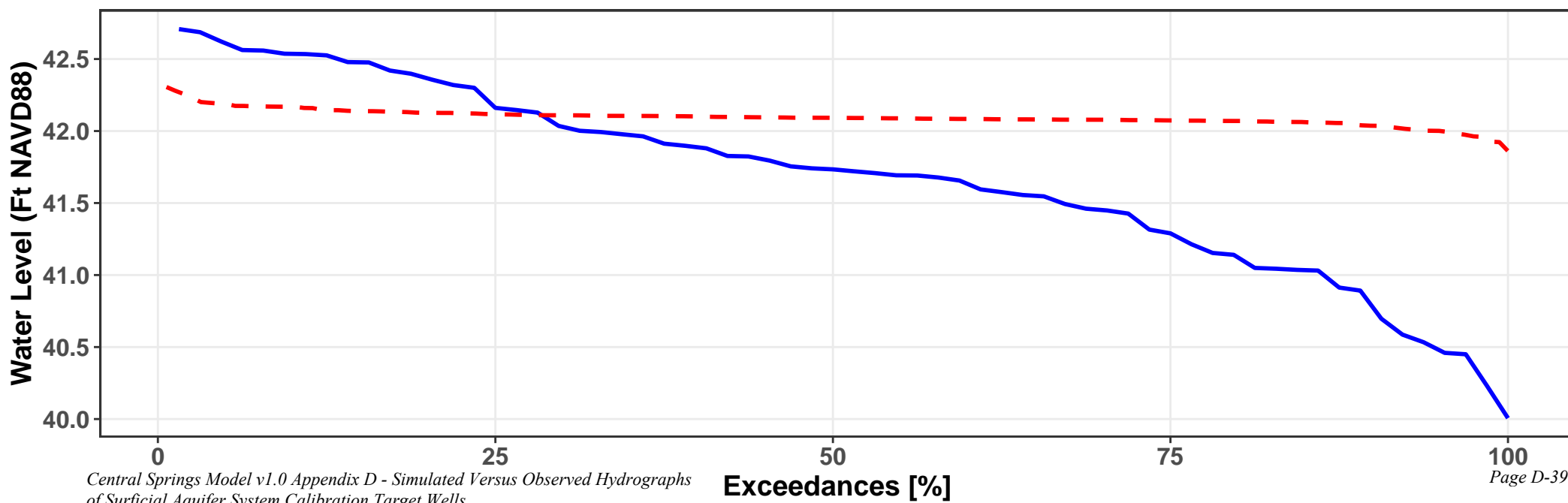
# L-0833 – SAS @ Lk Dorr T2 S

ME = 0.5 MAE = 0.6  $R^2 = 0.0021$  NSE = -0.484

— Observed — Simulated



## Stage Duration Curve

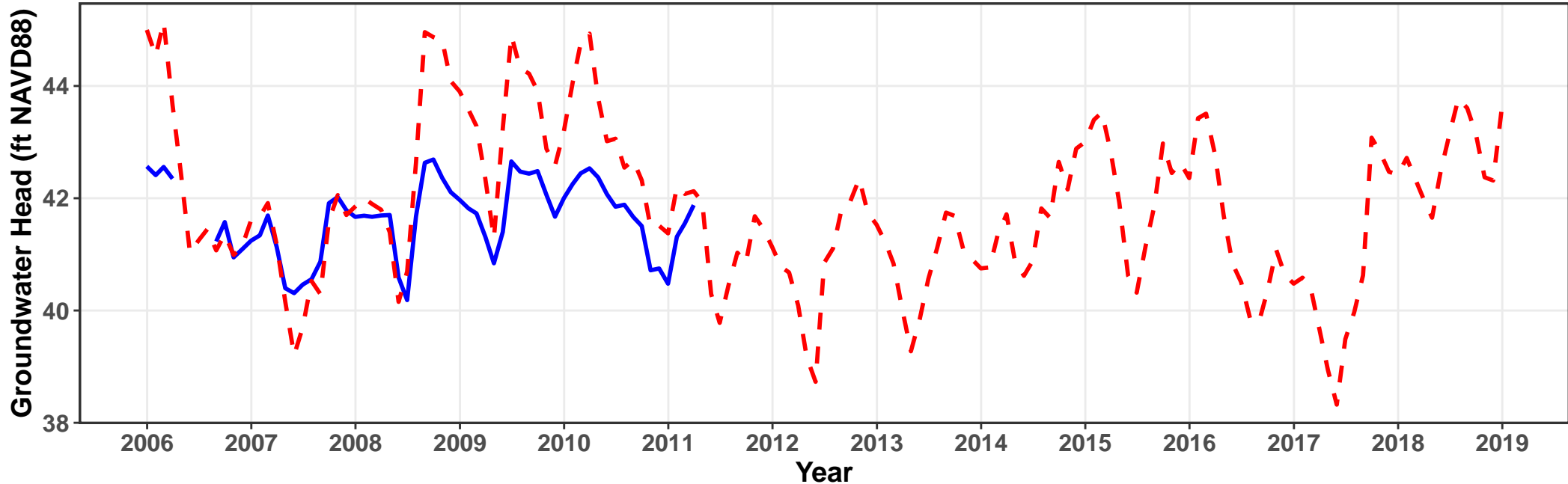




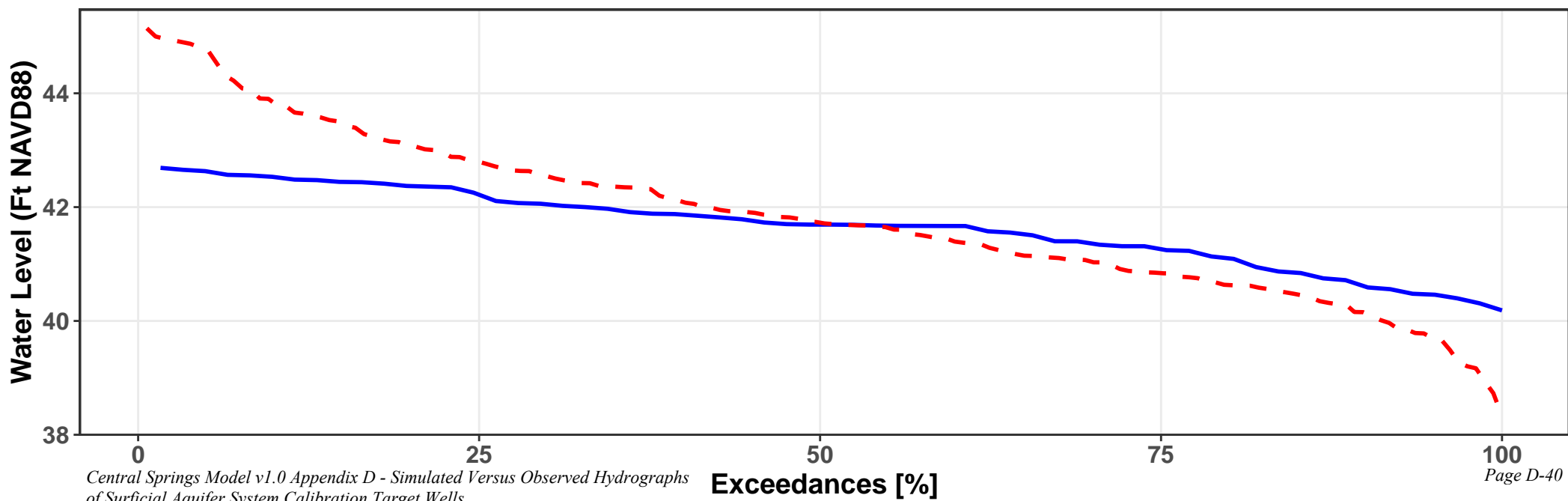
# L-0835 – SAS @ Lk Dorr T2 S

ME = 0.8 MAE = 1  $R^2 = 0.8183$  NSE = -2.585

— Observed — Simulated



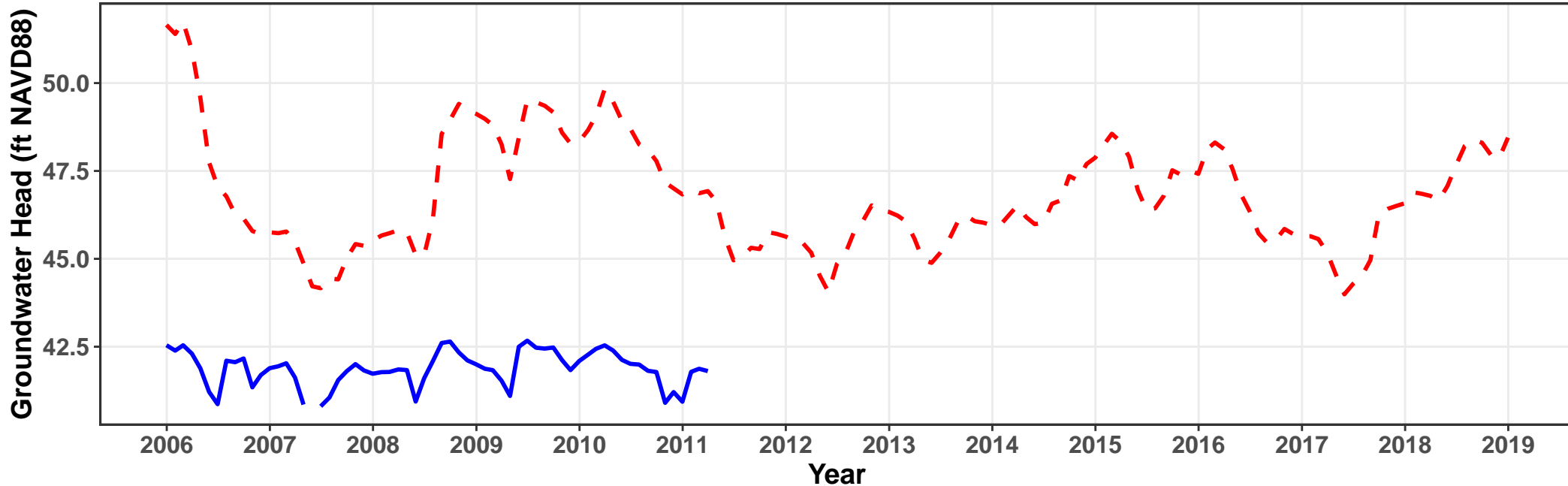
## Stage Duration Curve



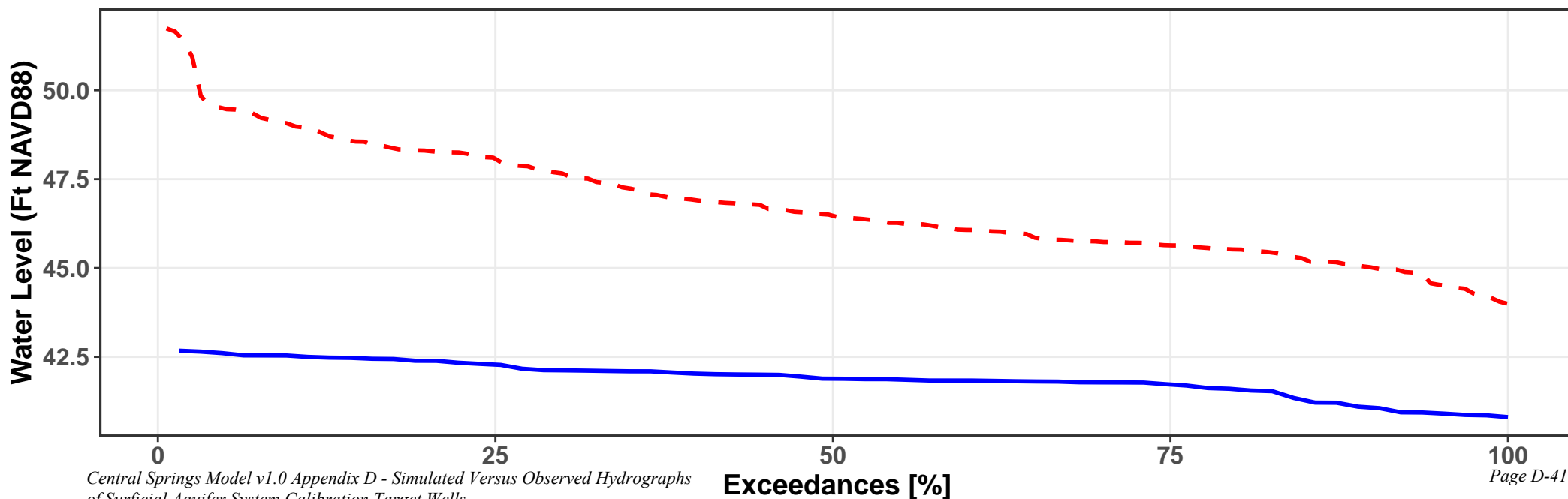
# L-0838 – SAS @ Lk Dorr T3 N

ME = 5.6 MAE = 5.6  $R^2 = 0.4176$  NSE = -139.821

— Observed — Simulated



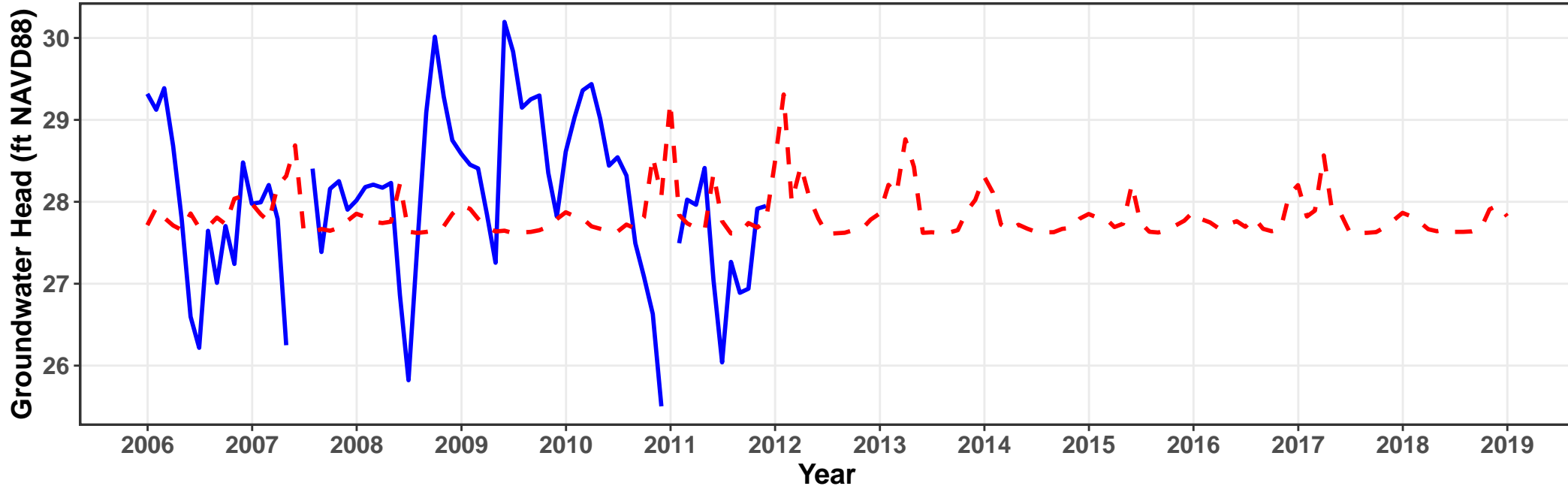
## Stage Duration Curve



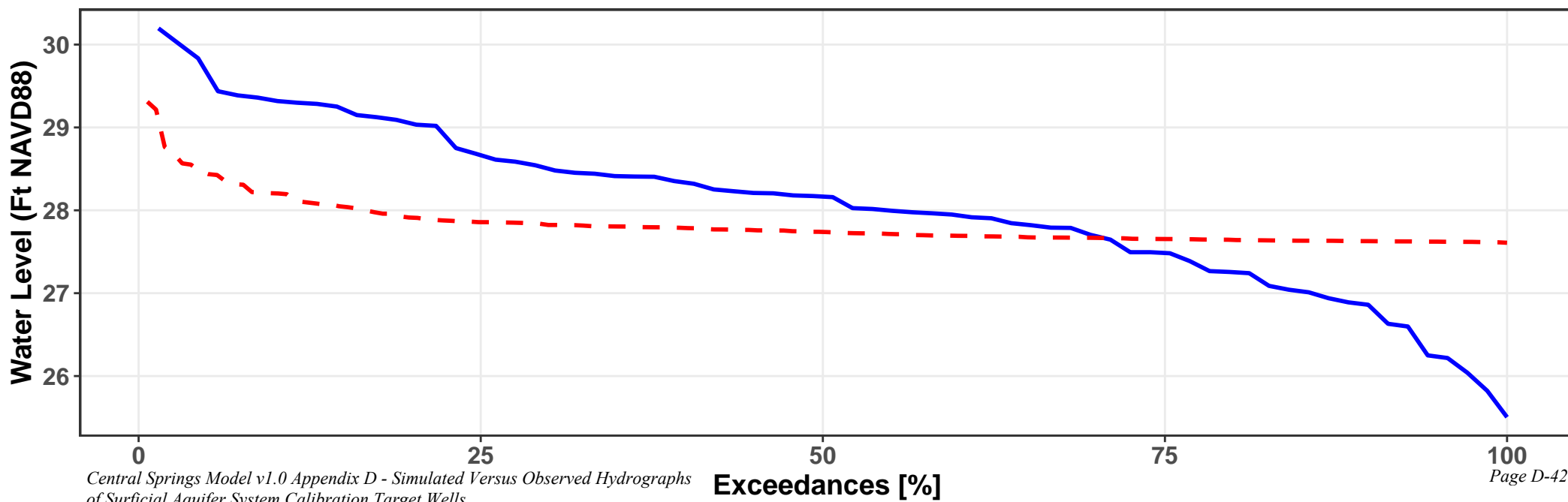
# L-0841 – SAS @ Lk Norris T1 N

ME = -0.3 MAE = 0.9  $R^2 = 0.1302$  NSE = -0.241

— Observed — Simulated



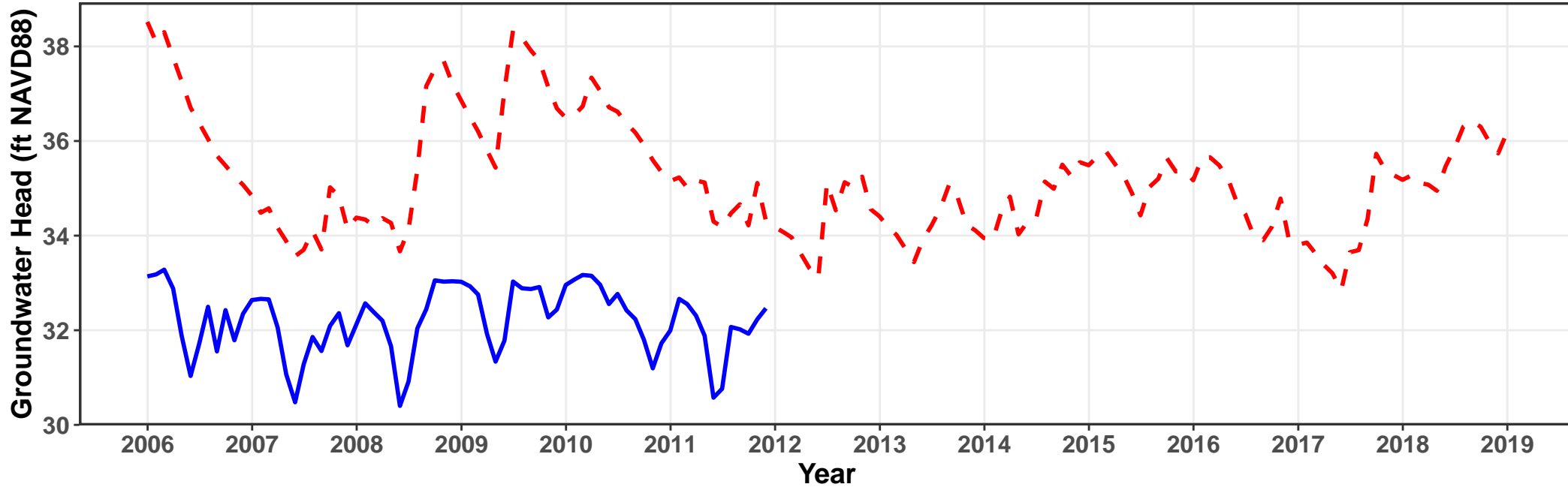
## Stage Duration Curve



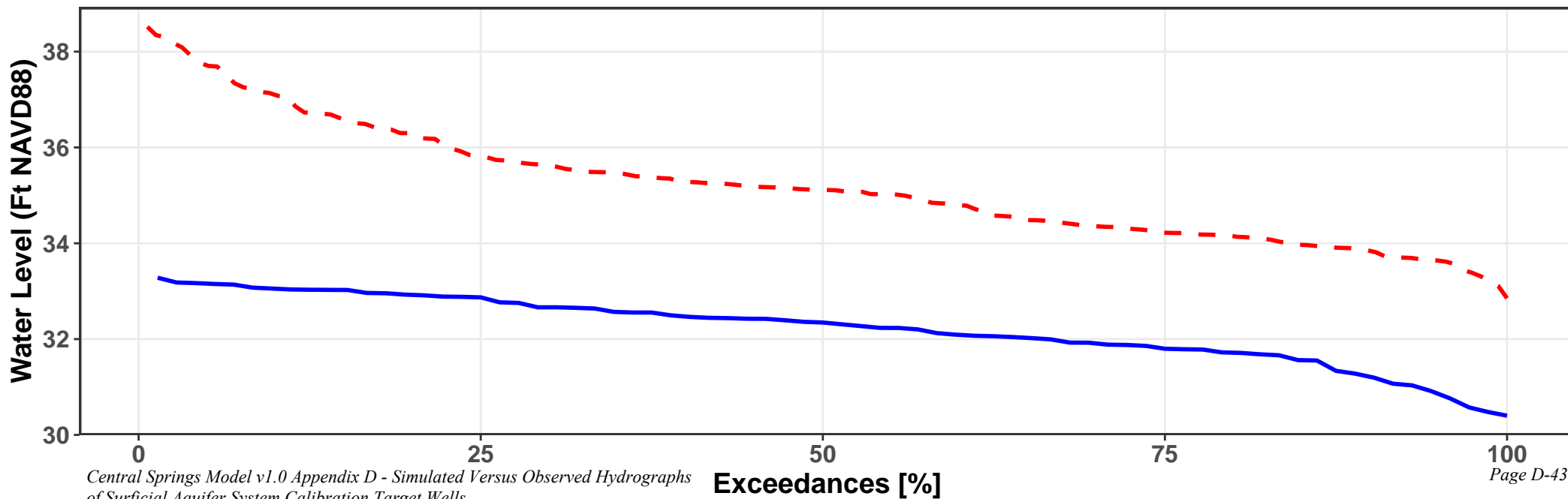
# L-0846 – SAS @ Lk Norris T1 N

ME = 3.5 MAE = 3.5  $R^2 = 0.4357$  NSE = -26.316

— Observed — Simulated



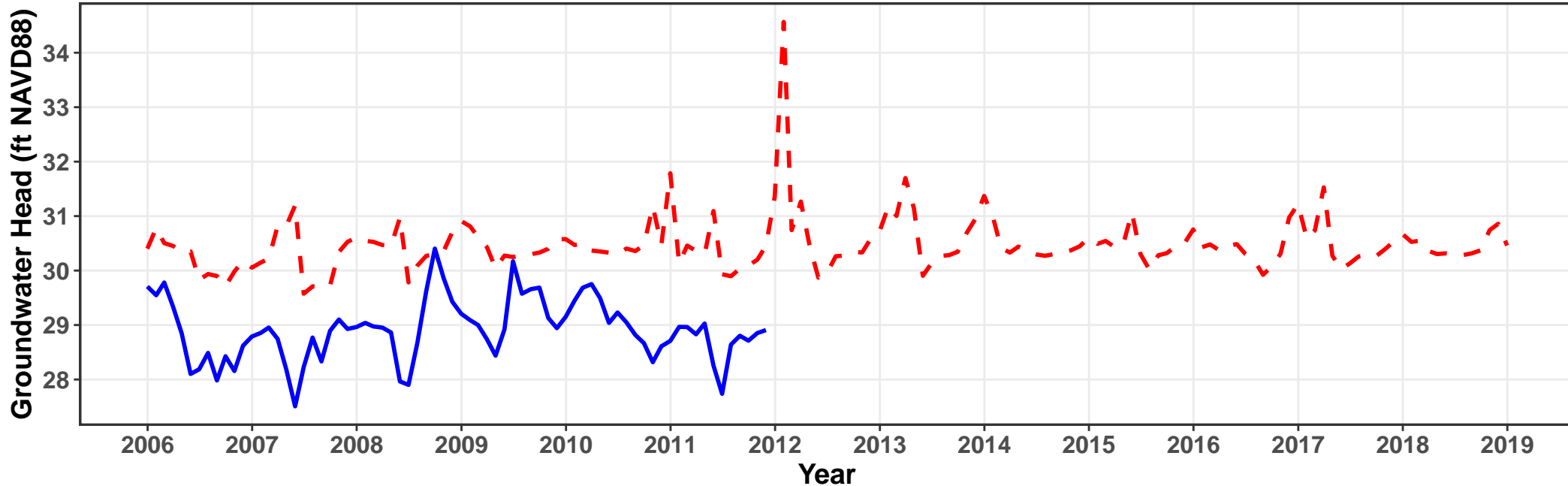
## Stage Duration Curve



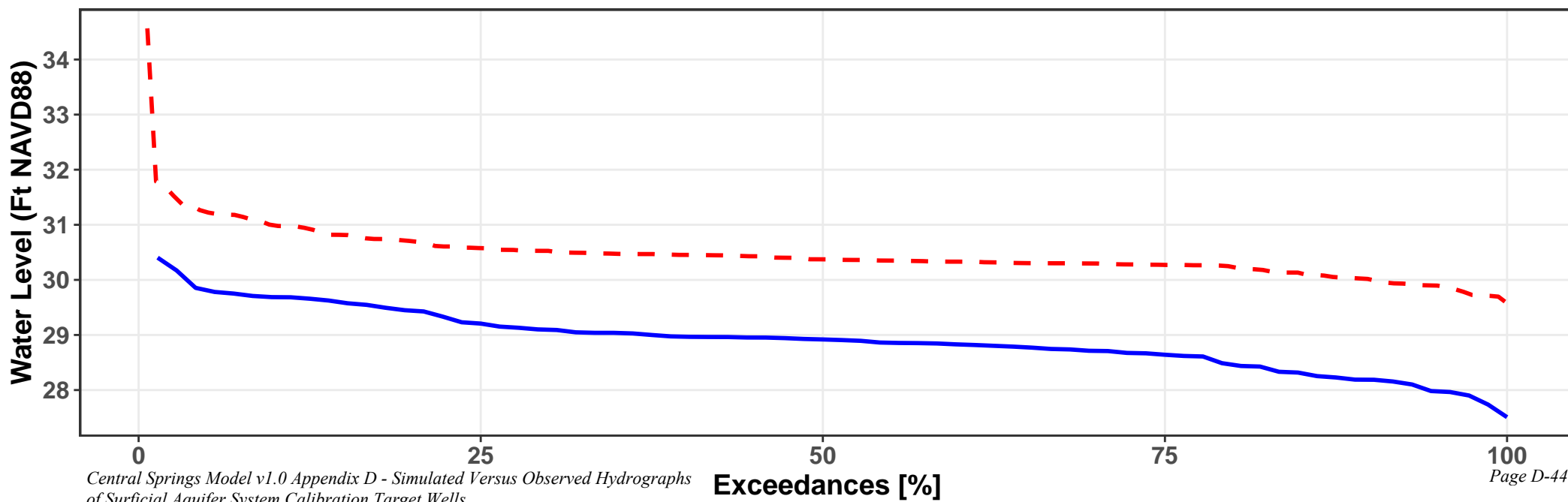
# L-0848 – SAS @ Lk Norris T2 S

ME = 1.5 MAE = 1.5  $R^2 = 0.0094$  NSE = -7.056

— Observed — Simulated



## Stage Duration Curve

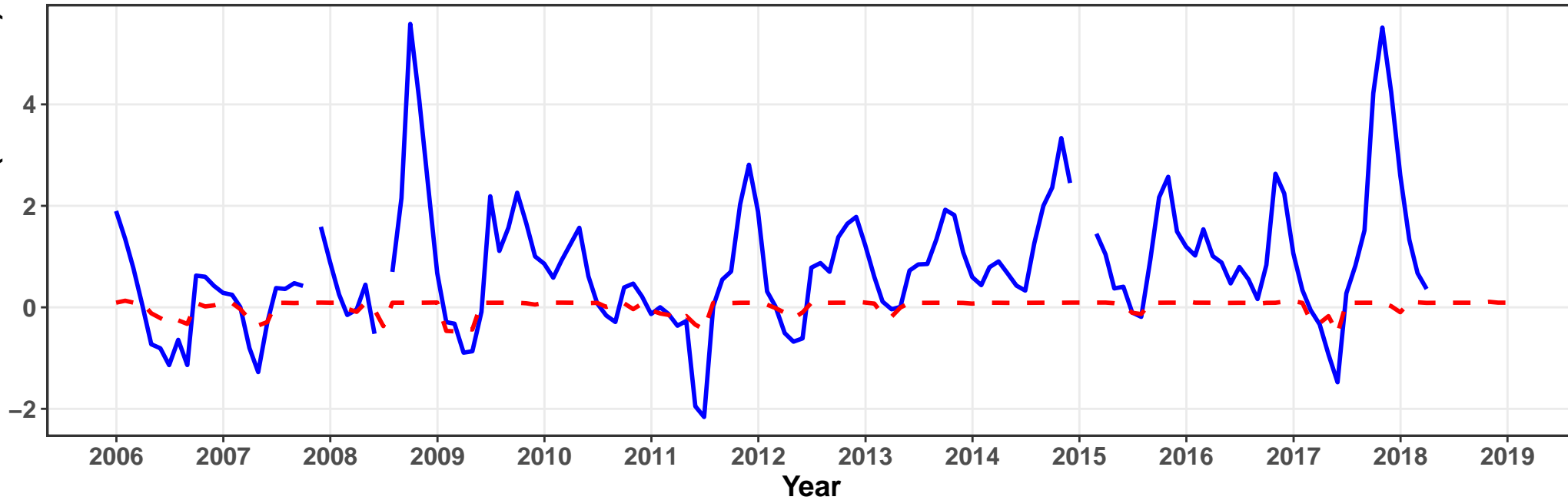


# L-0869 – SAS @ Lower Wekiva Wells

ME = -0.8 MAE = 1  $R^2 = 0.3667$  NSE = -0.251

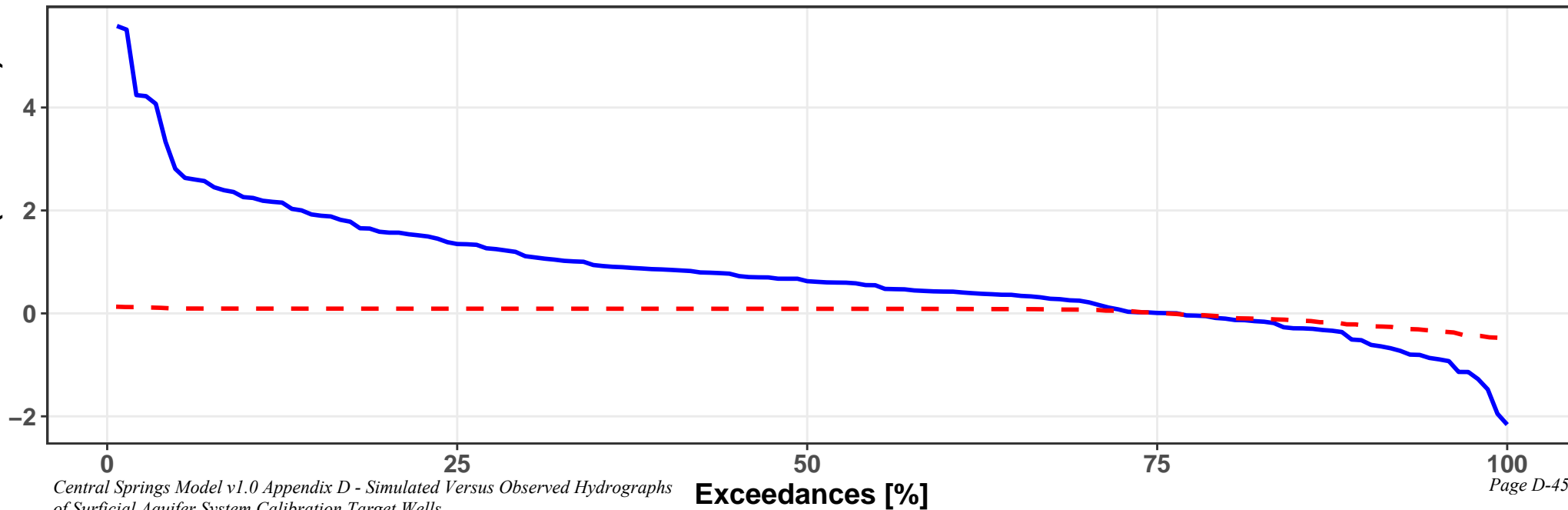
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

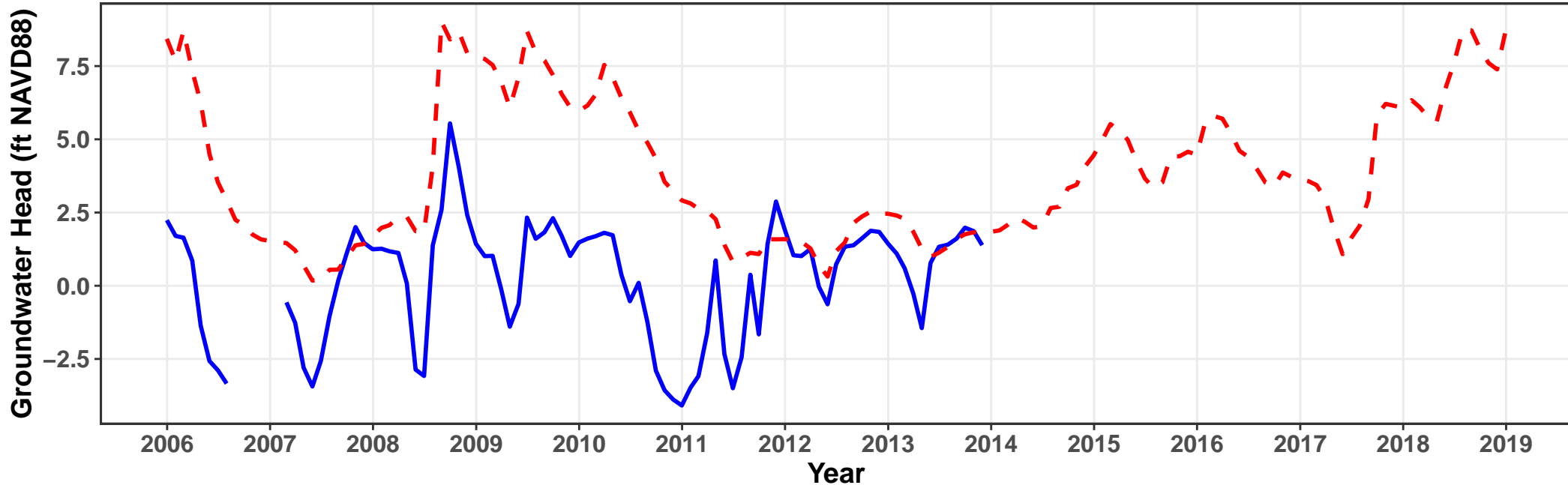
Water Level (Ft NAVD88)



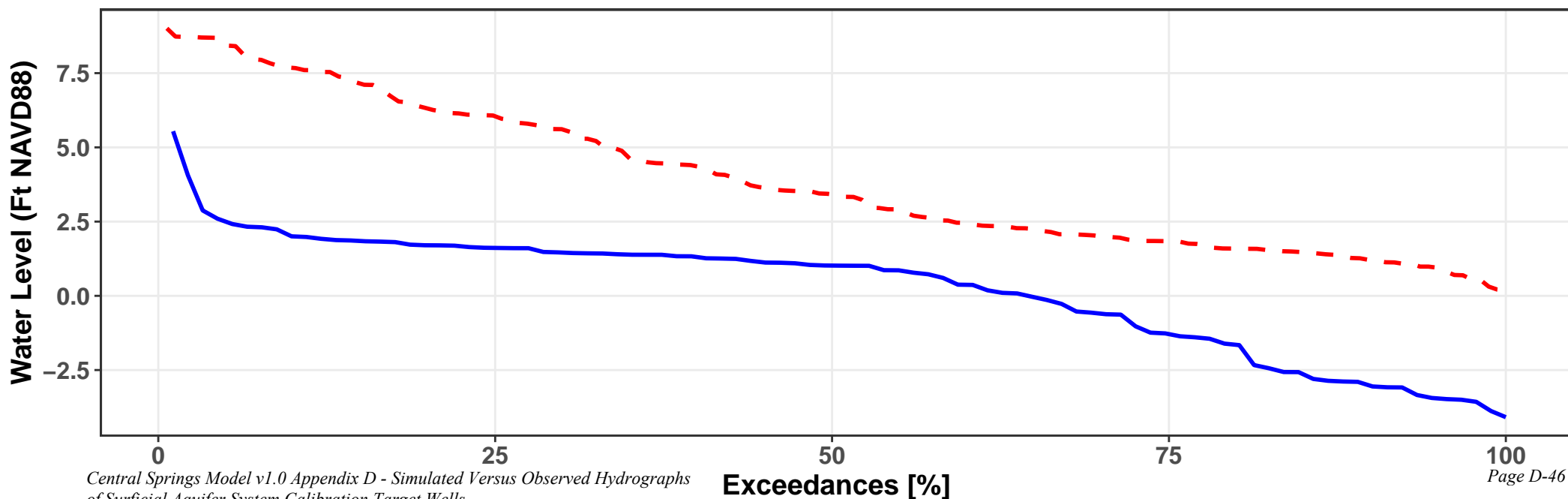
# L-0870 – SAS @ Lower Wekiva Wells

ME = 3.4 MAE = 3.5  $R^2 = 0.1445$  NSE = -3.645

— Observed — Simulated



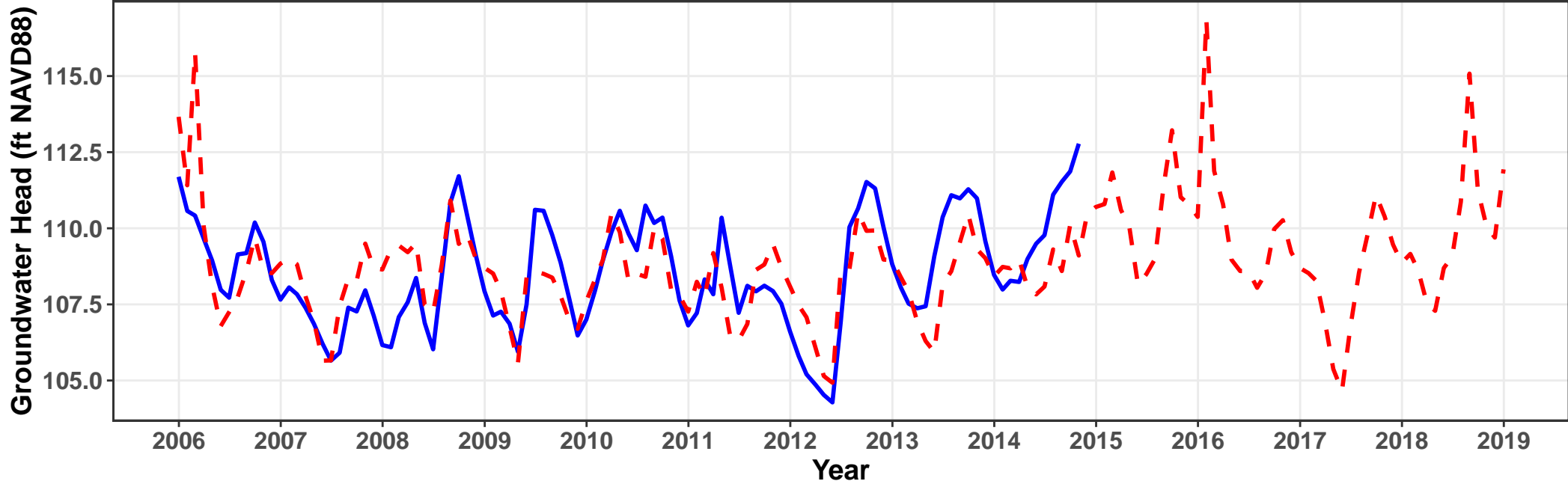
## Stage Duration Curve



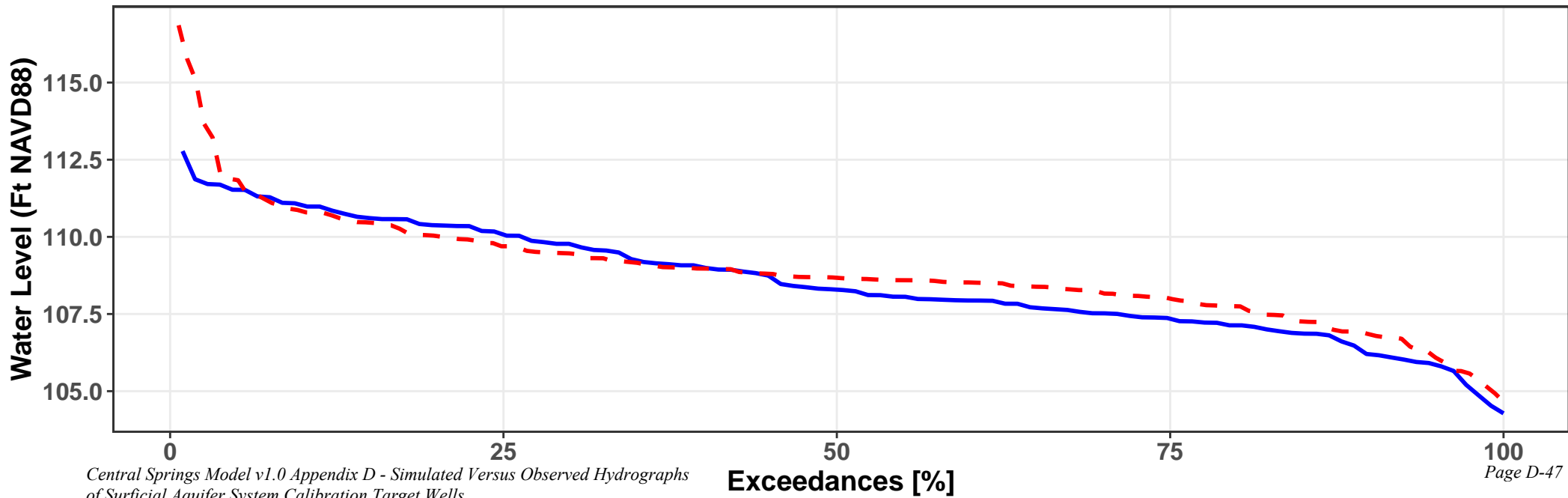
# L-0872 – SAS @ Eva Tower

ME = -0.1 MAE = 1.1  $R^2 = 0.406$  NSE = 0.361

— Observed — Simulated



## Stage Duration Curve

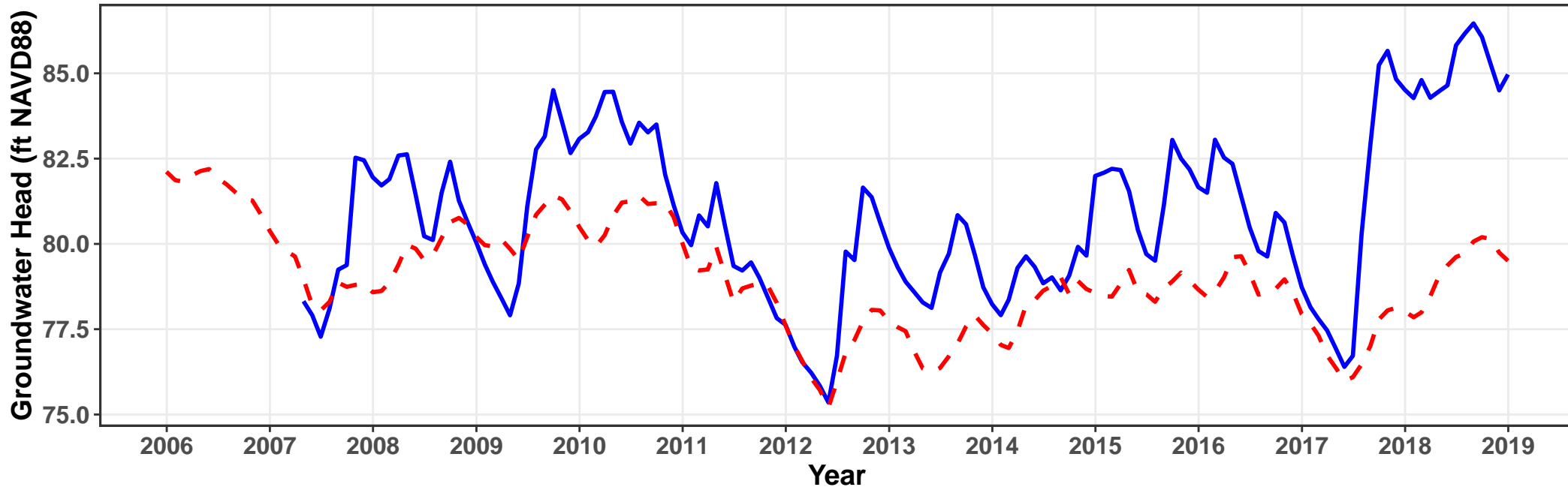




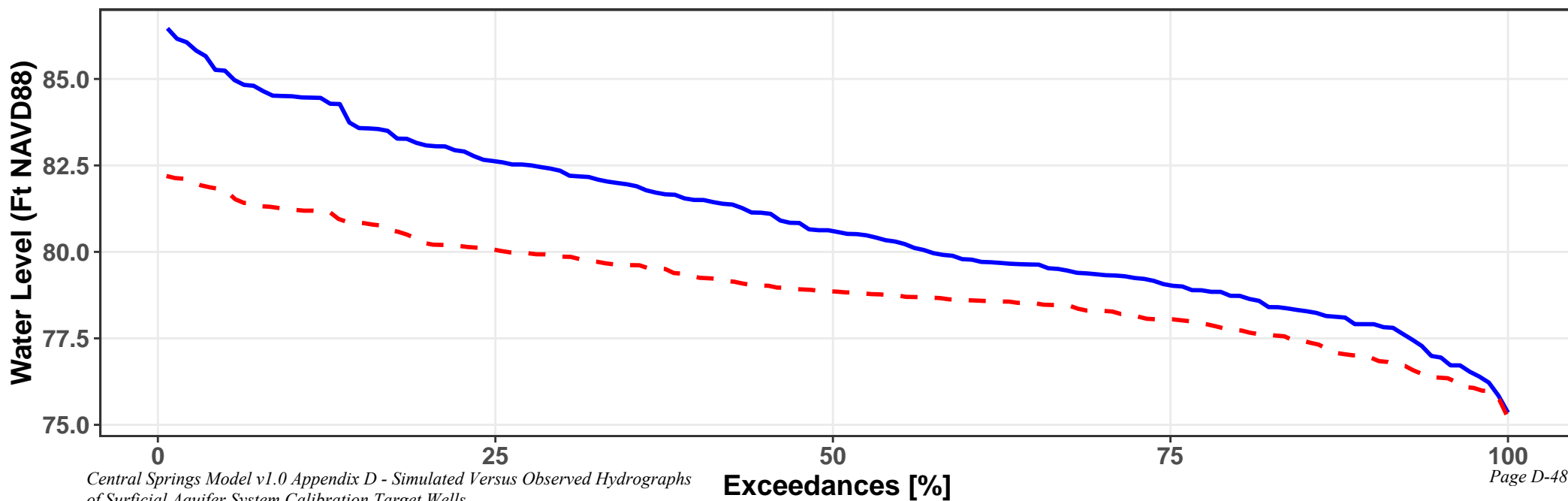
# L-0874 – SAS @ Leesburg WWTF

ME = -2.1 MAE = 2.2  $R^2 = 0.359$  NSE = -0.364

— Observed — Simulated



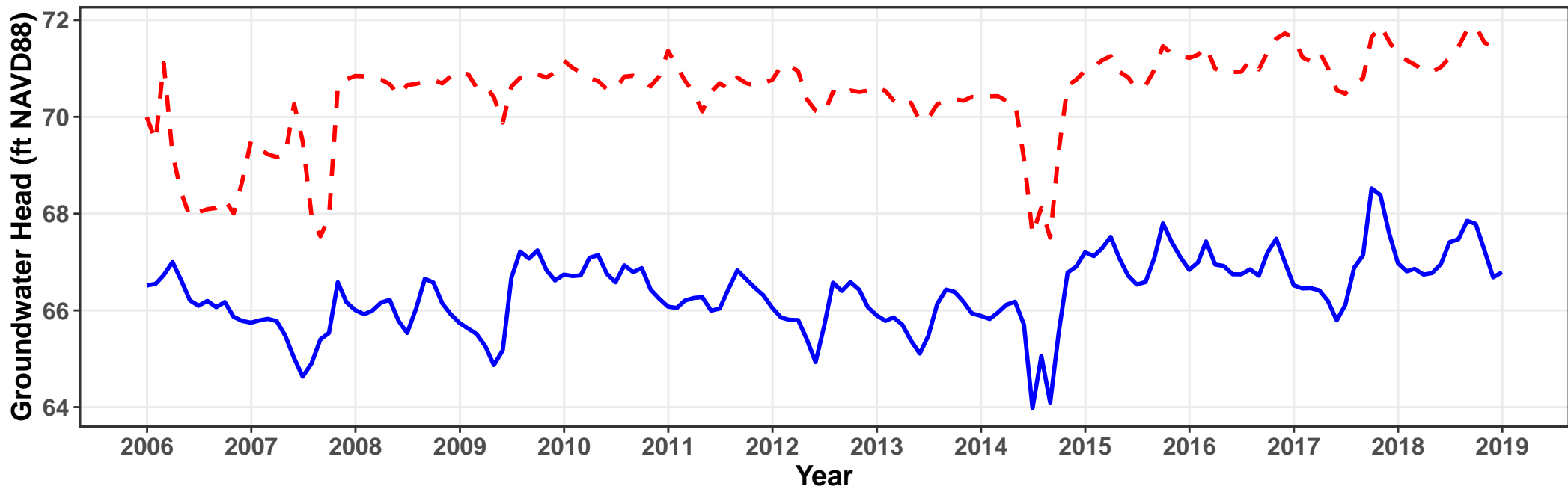
## Stage Duration Curve



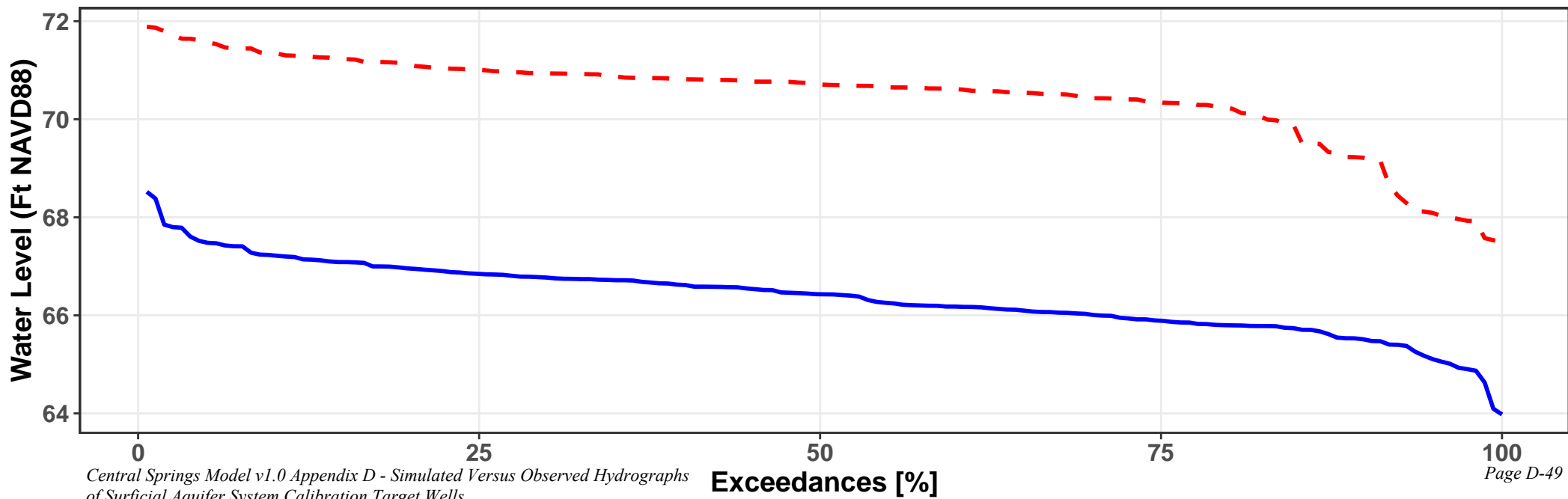
# L-0883 – SAS @ Palatlahaha Dam M1

ME = 4.1 MAE = 4.1  $R^2 = 0.3969$  NSE = -31.078

— Observed — Simulated



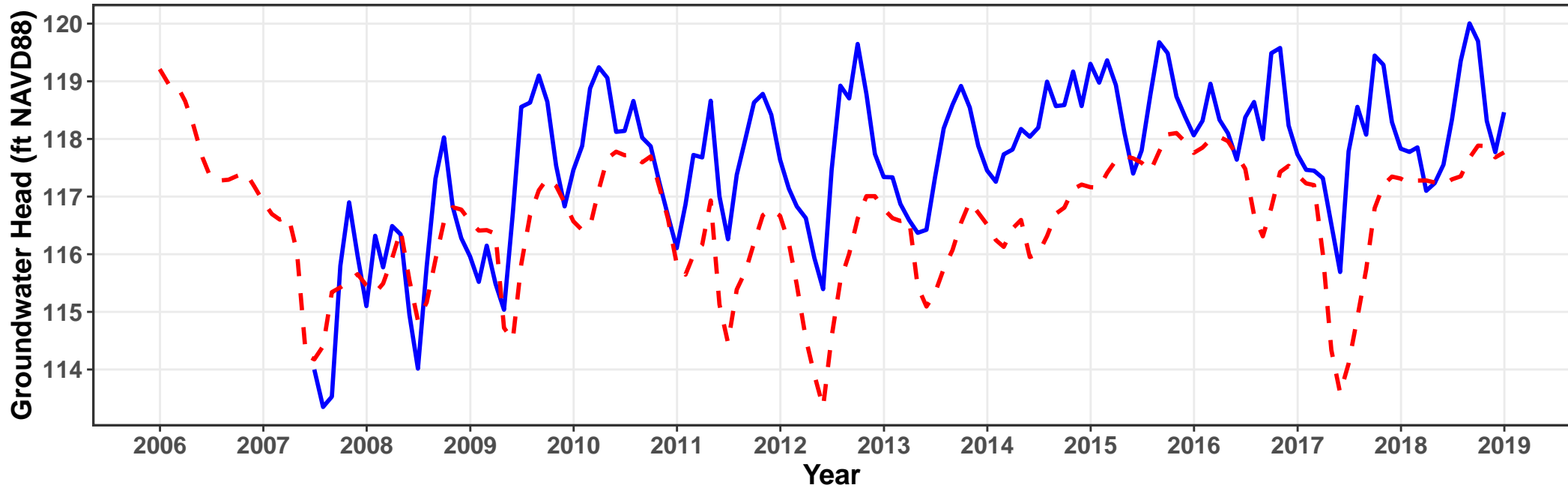
## Stage Duration Curve



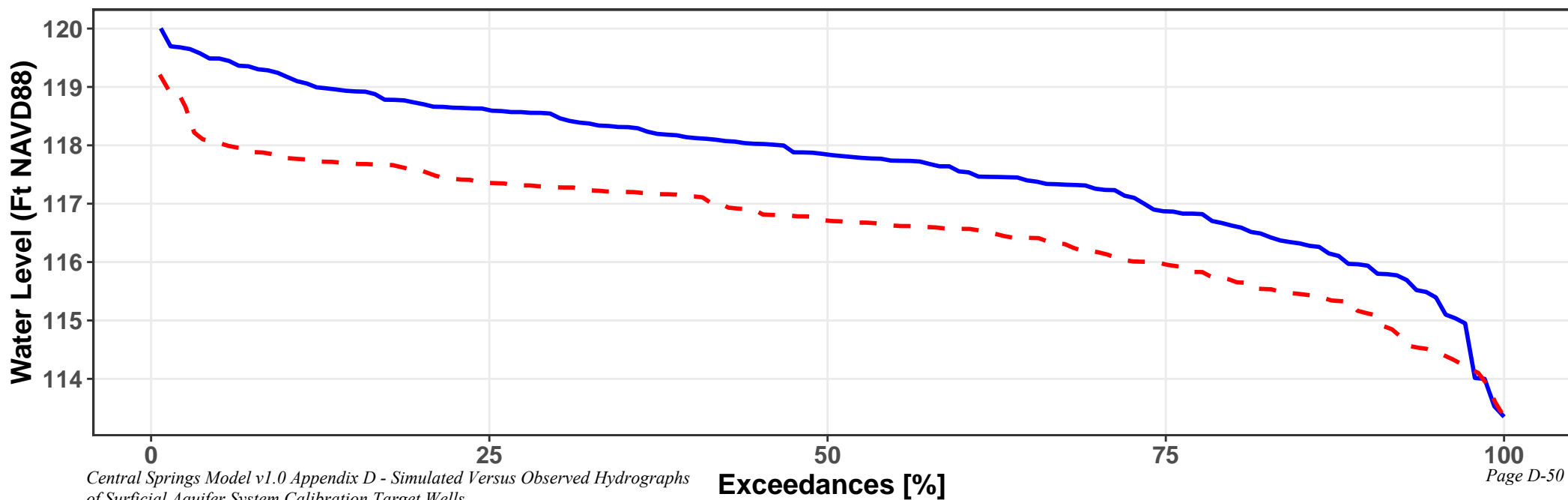
# L-0907 – SAS @ Hilochee

ME = -1.1 MAE = 1.3  $R^2 = 0.4048$  NSE = -0.397

— Observed — Simulated



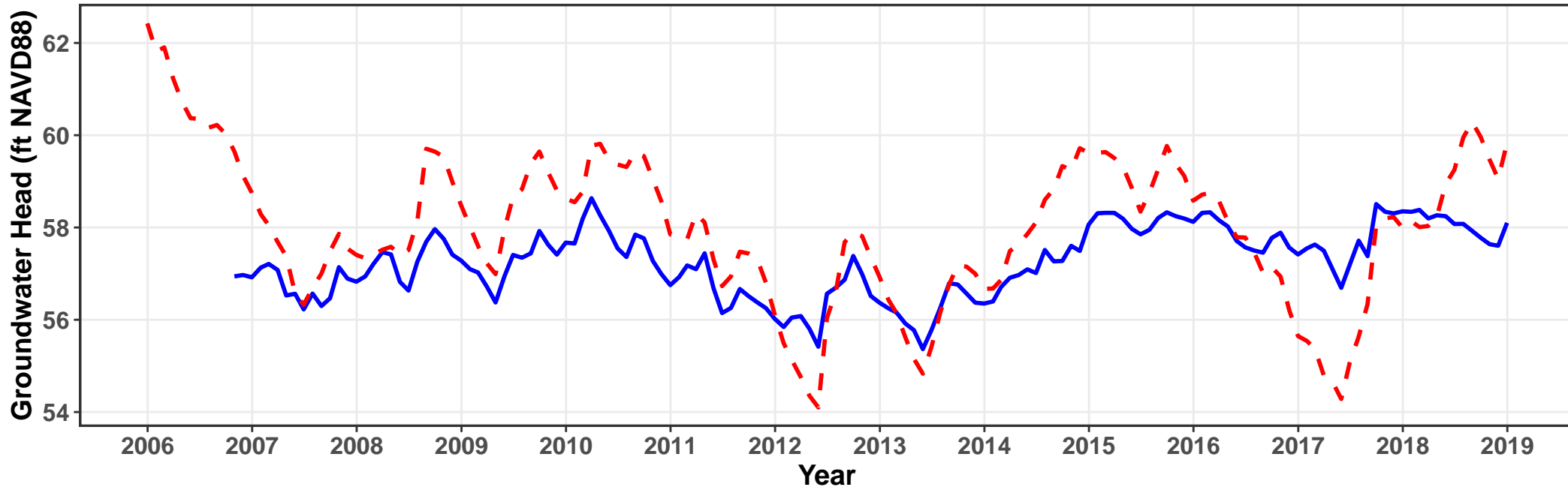
## Stage Duration Curve



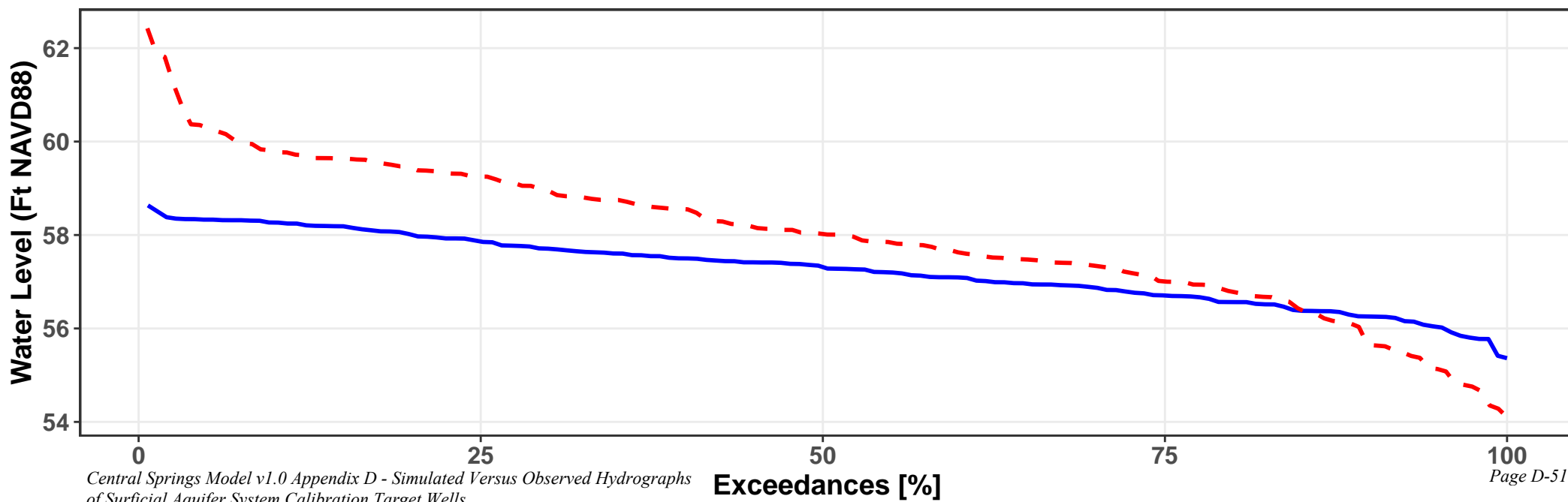
# L-0926 – SAS @ Lk Griffin SP

ME = 0.5 MAE = 1  $R^2 = 0.4838$  NSE = -1.547

— Observed — Simulated



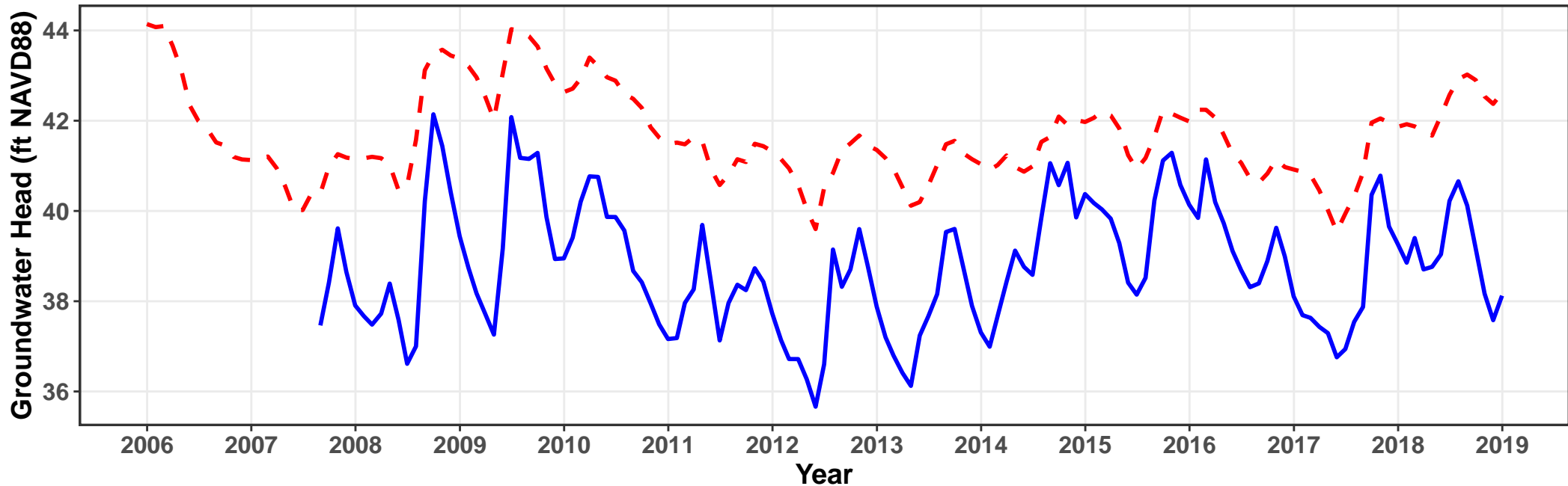
## Stage Duration Curve



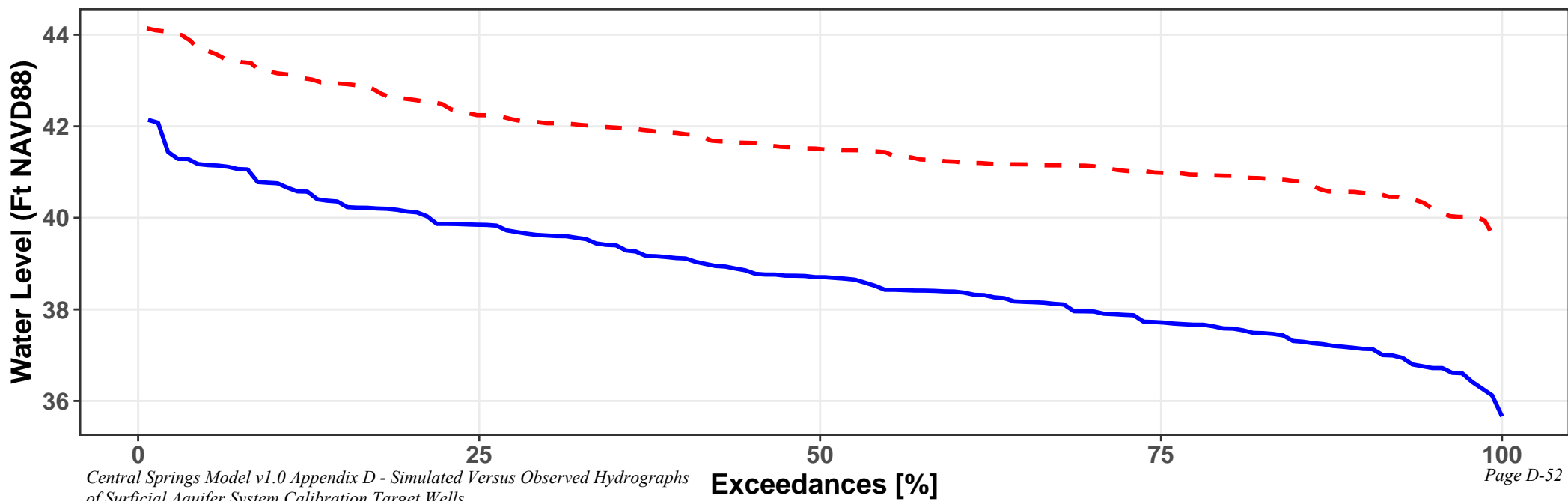
# L-0929 – SAS @ Lk Norris Wells

ME = 2.9 MAE = 2.9  $R^2 = 0.5475$  NSE = -3.871

— Observed — Simulated



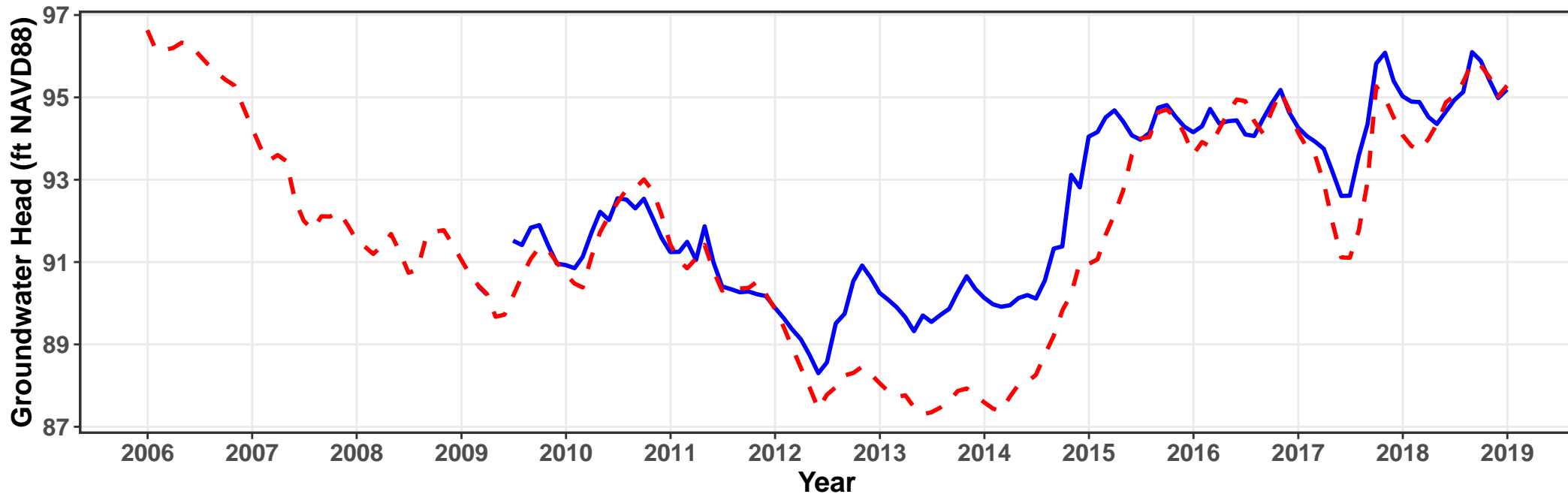
## Stage Duration Curve



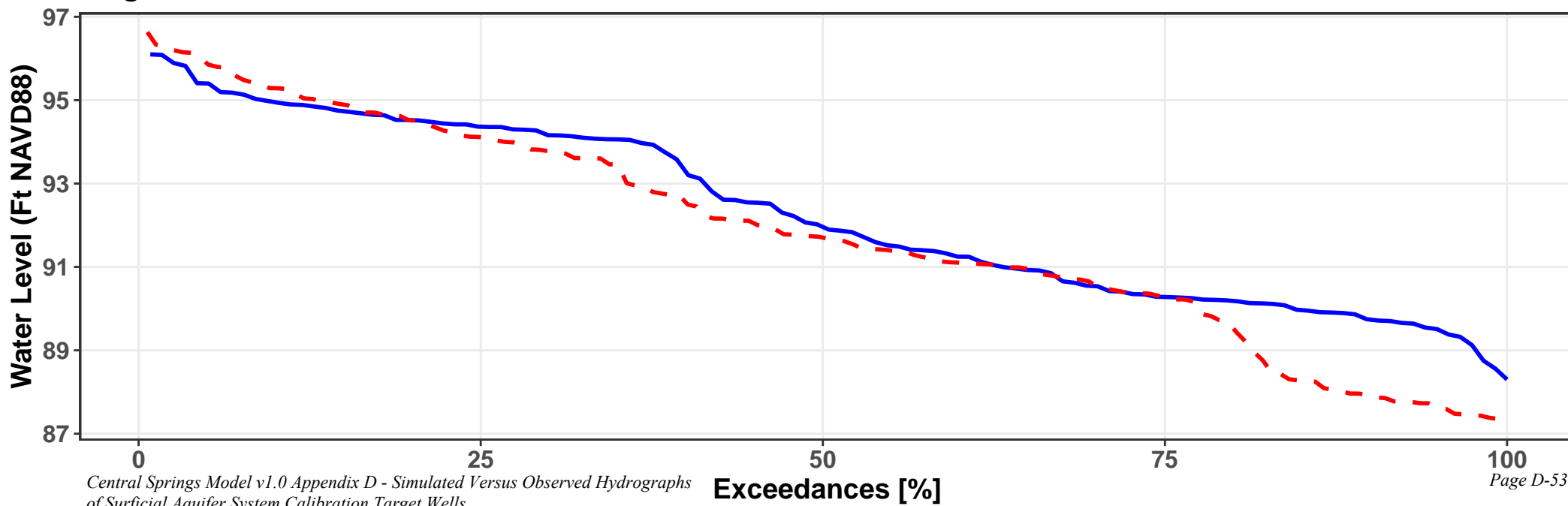
# L-1018 – SAS @ Crooked R Preserve

ME = -0.9 MAE = 1  $R^2 = 0.8634$  NSE = 0.601

— Observed - - Simulated



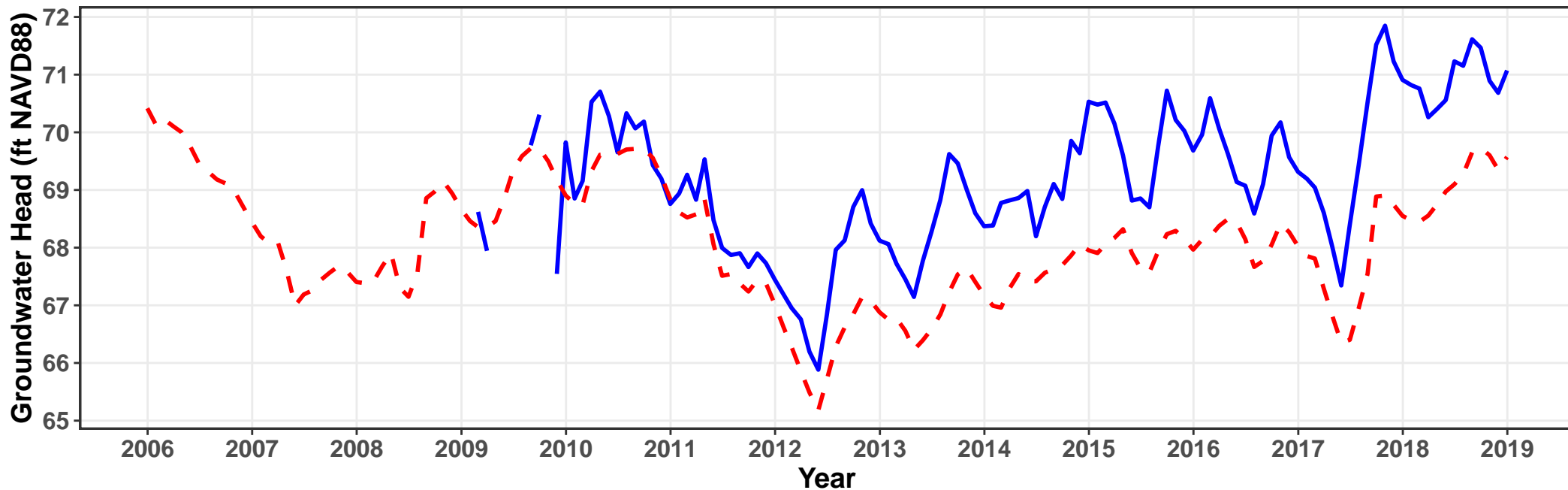
## Stage Duration Curve



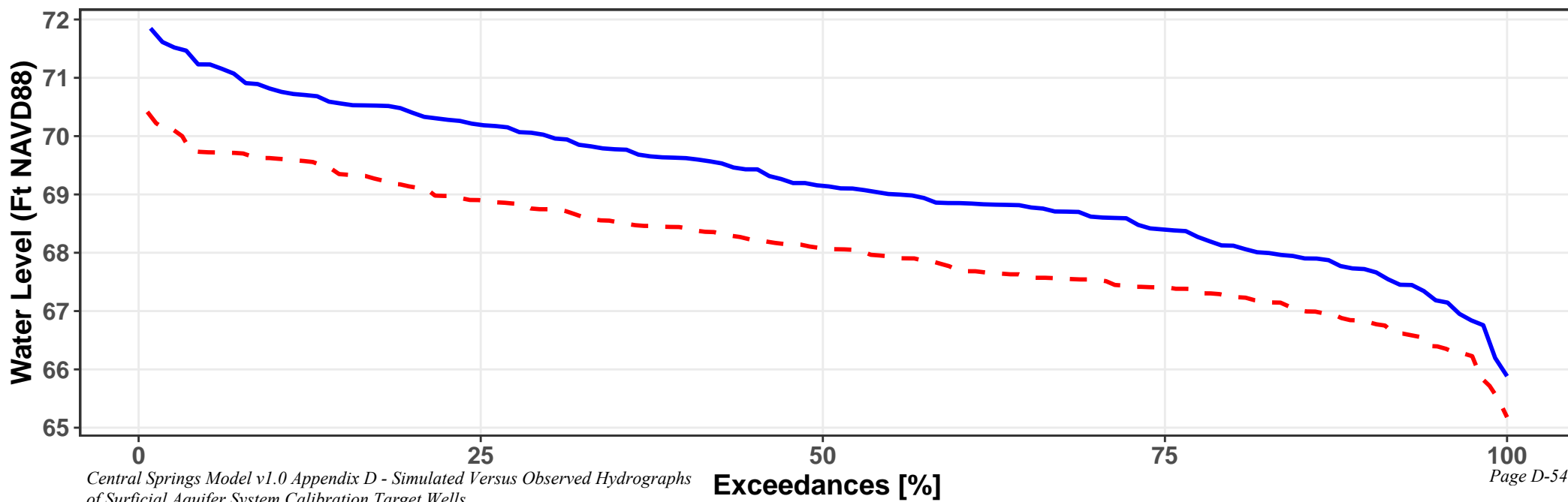
# L-1021 – SAS @ Duda–Whittle Wells

ME = -1.3 MAE = 1.3  $R^2 = 0.609$  NSE = -0.424

— Observed — Simulated



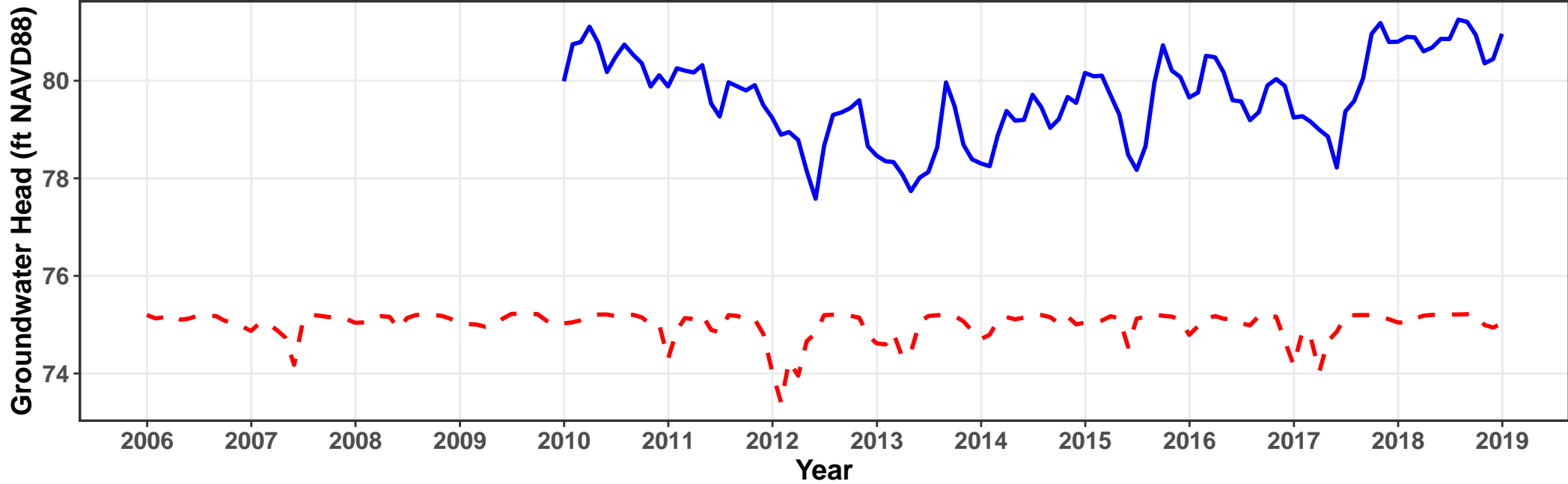
## Stage Duration Curve



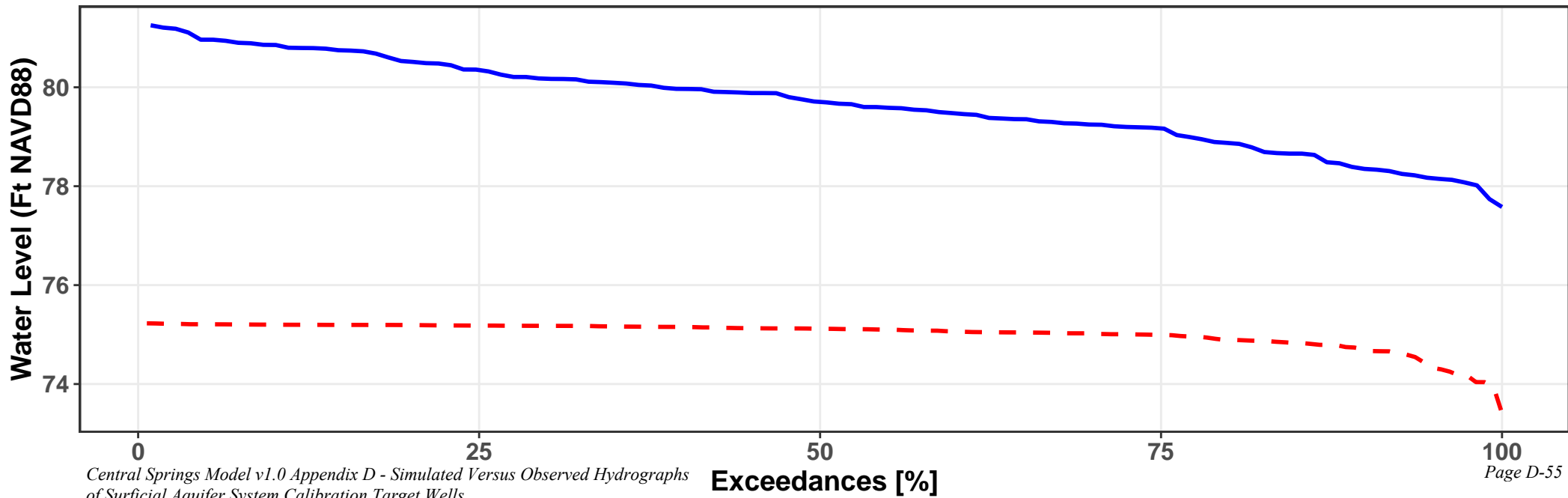
# L-1026 – SAS @ Stewart Wells

ME = -4.7 MAE = 4.7  $R^2 = 0.2058$  NSE = -27.979

— Observed — Simulated



## Stage Duration Curve

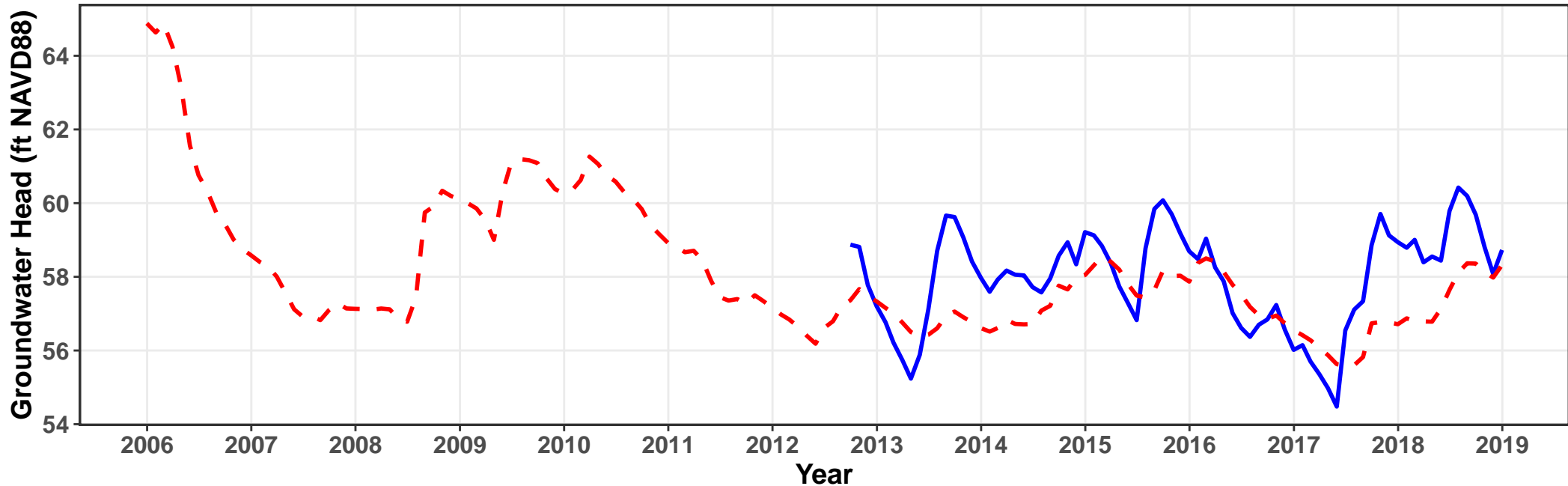




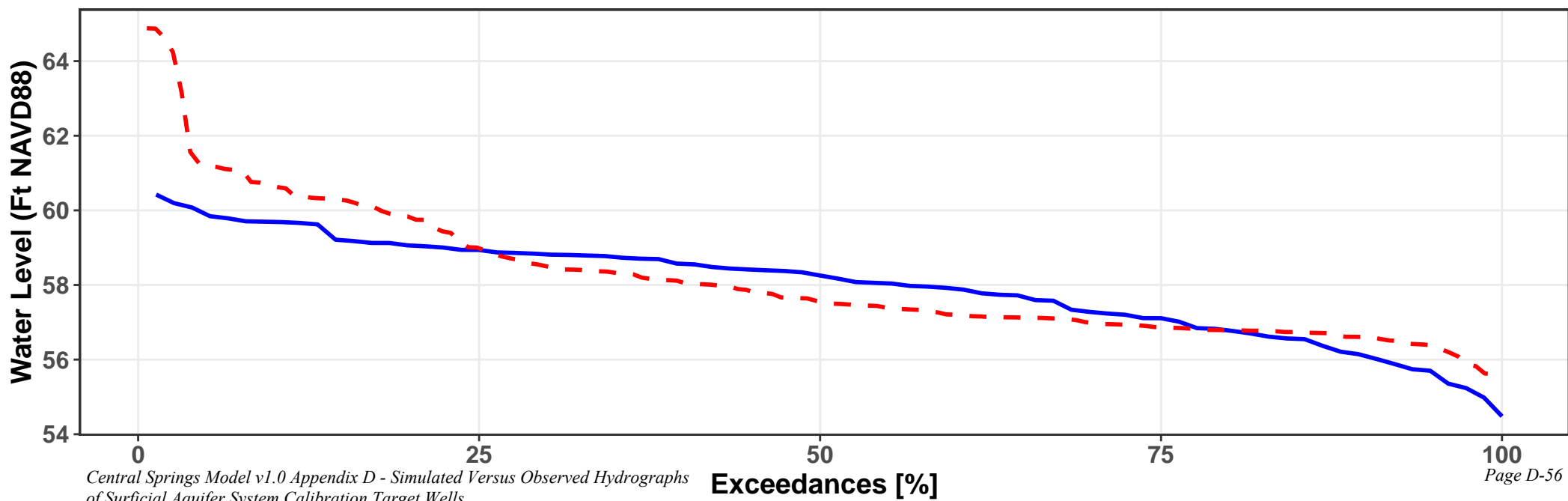
# L-1048 – SAS @ Ocala NF nr CR445

ME = -0.8 MAE = 1.1  $R^2 = 0.3415$  NSE = 0.02

— Observed — Simulated



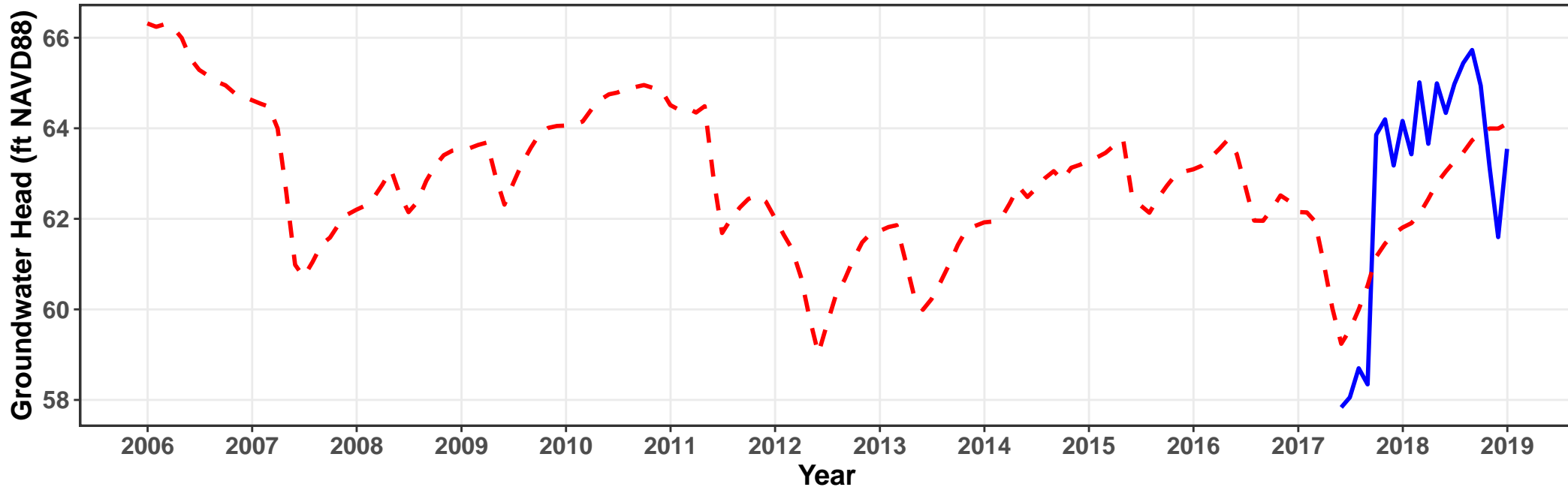
## Stage Duration Curve



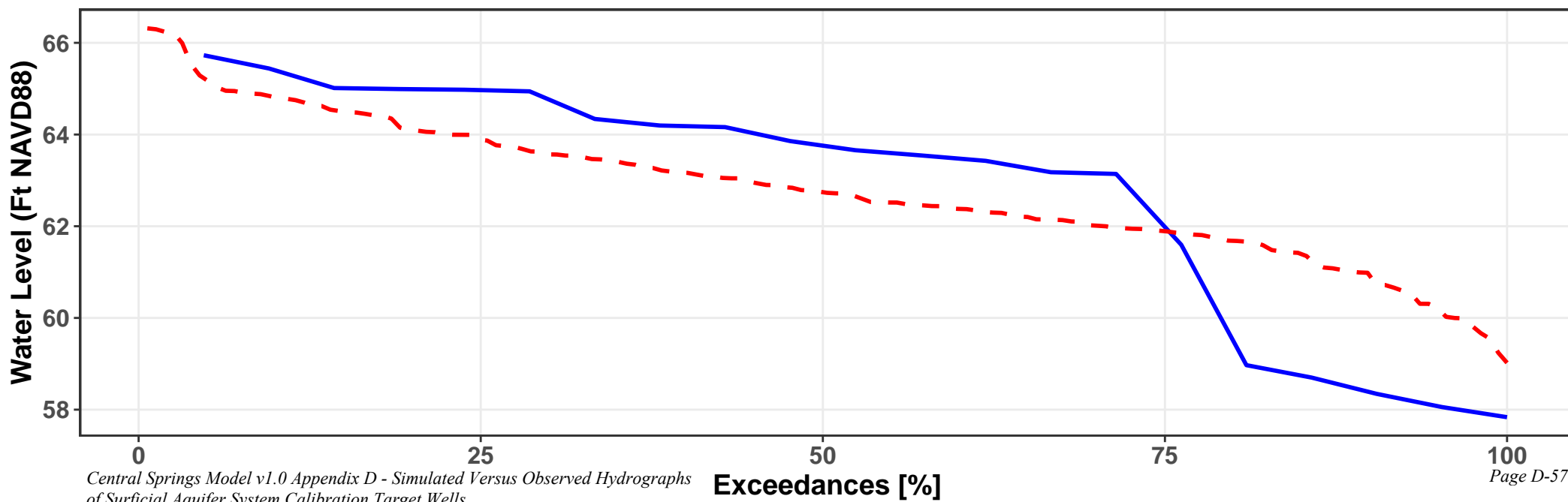
# L-1072 – SAS @ Pine Meadows C A

ME = -0.6 MAE = 1.8  $R^2 = 0.5207$  NSE = 0.446

— Observed — Simulated



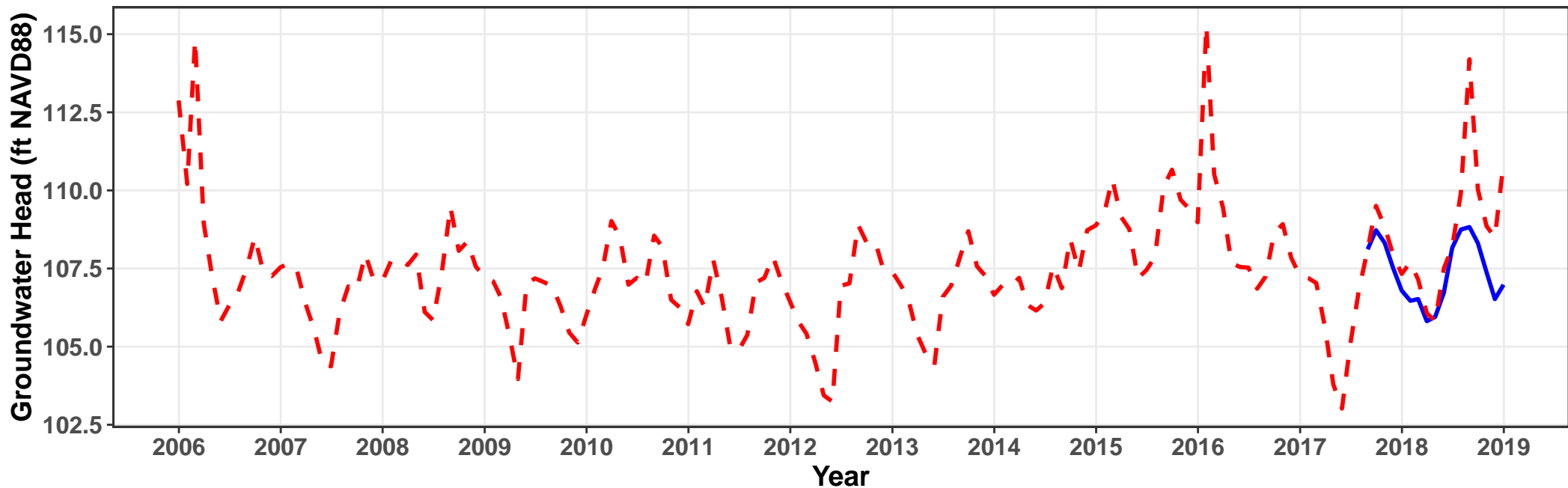
## Stage Duration Curve



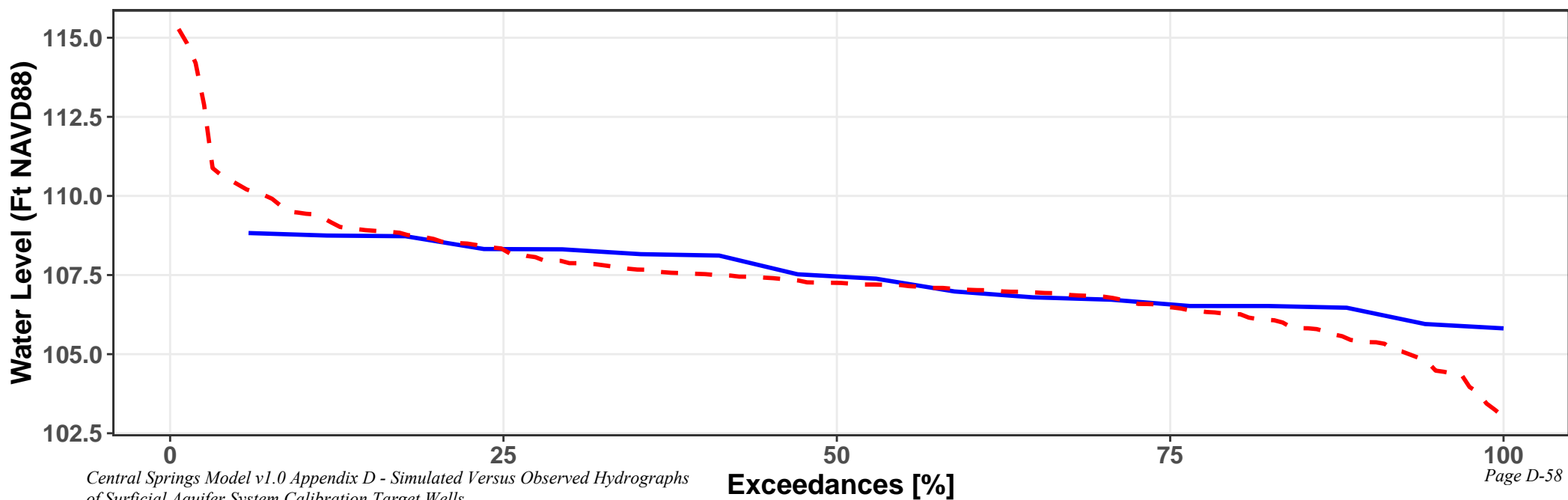
# L-1074 – SAS @ Pine Island Well

ME = 1.2 MAE = 1.2  $R^2 = 0.4986$  NSE = -2.554

— Observed — Simulated



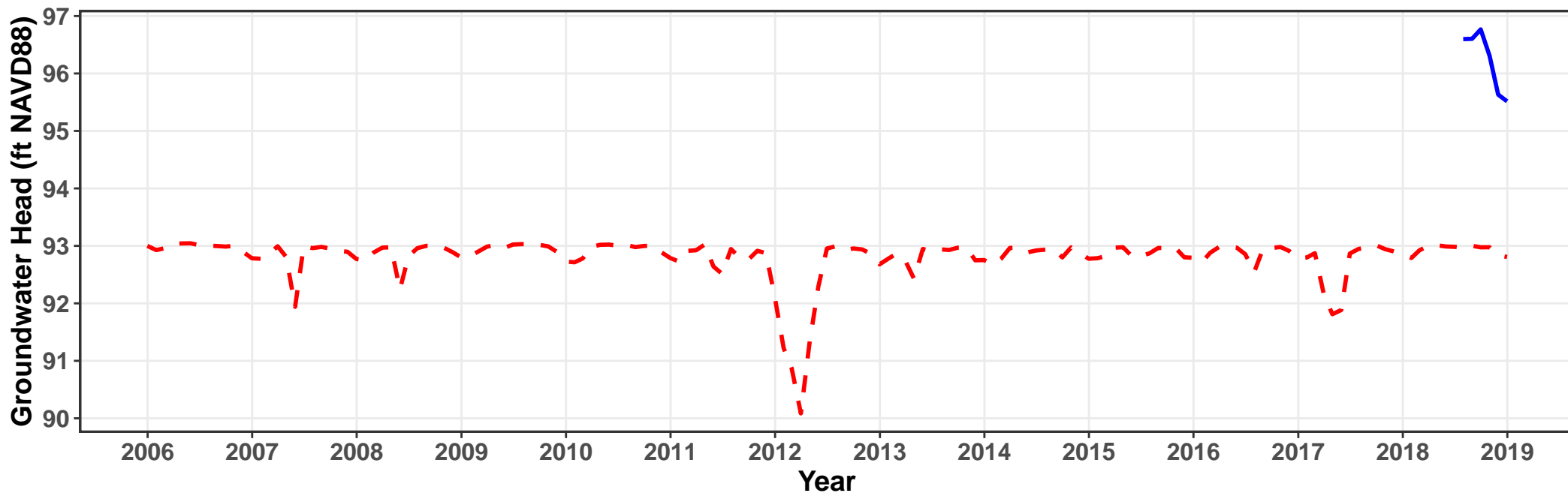
## Stage Duration Curve



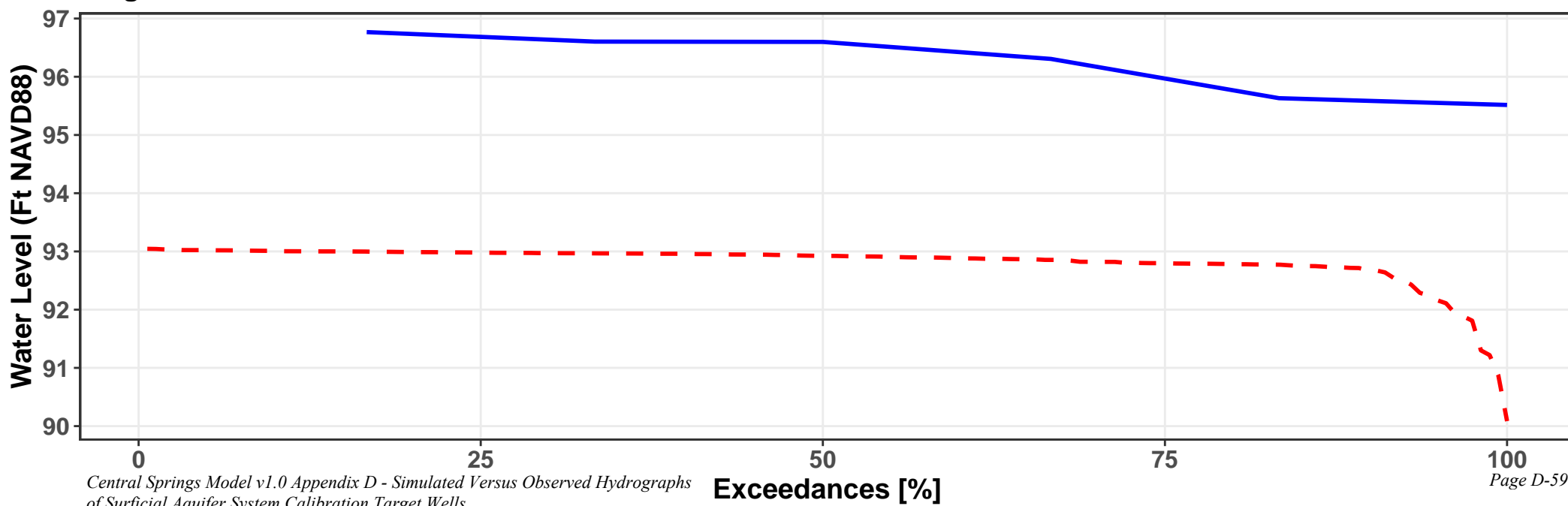
# L-1082 – SAS @ Scrub Point North

ME = -3.3 MAE = 3.3  $R^2 = 0.9047$  NSE = -45.463

— Observed — Simulated



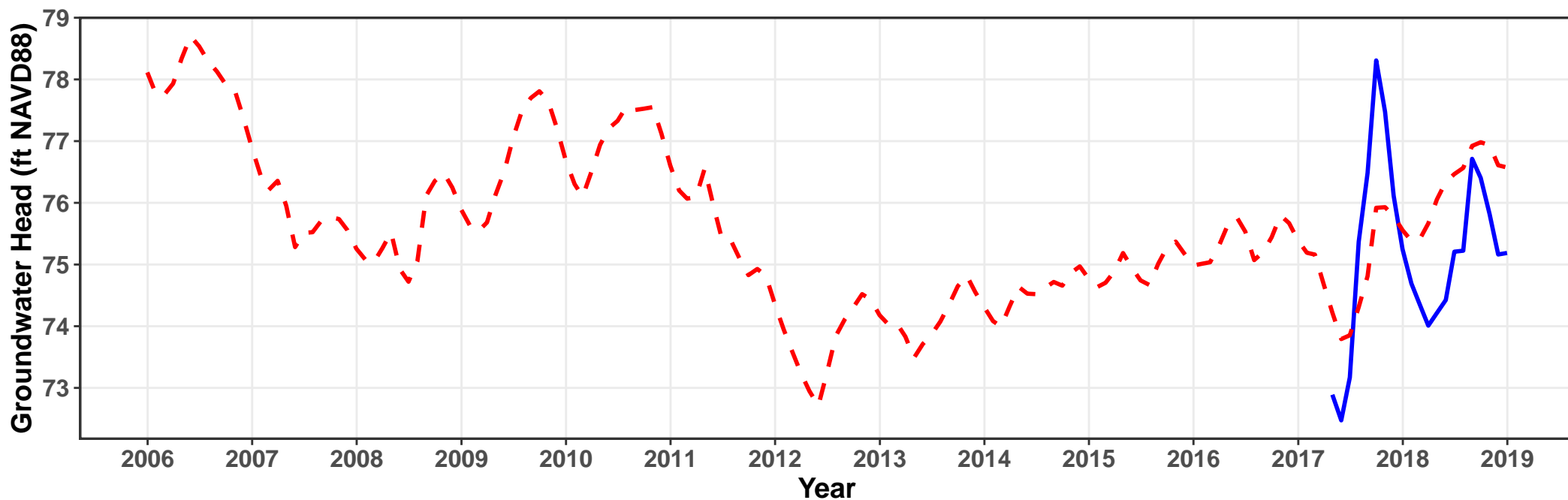
## Stage Duration Curve



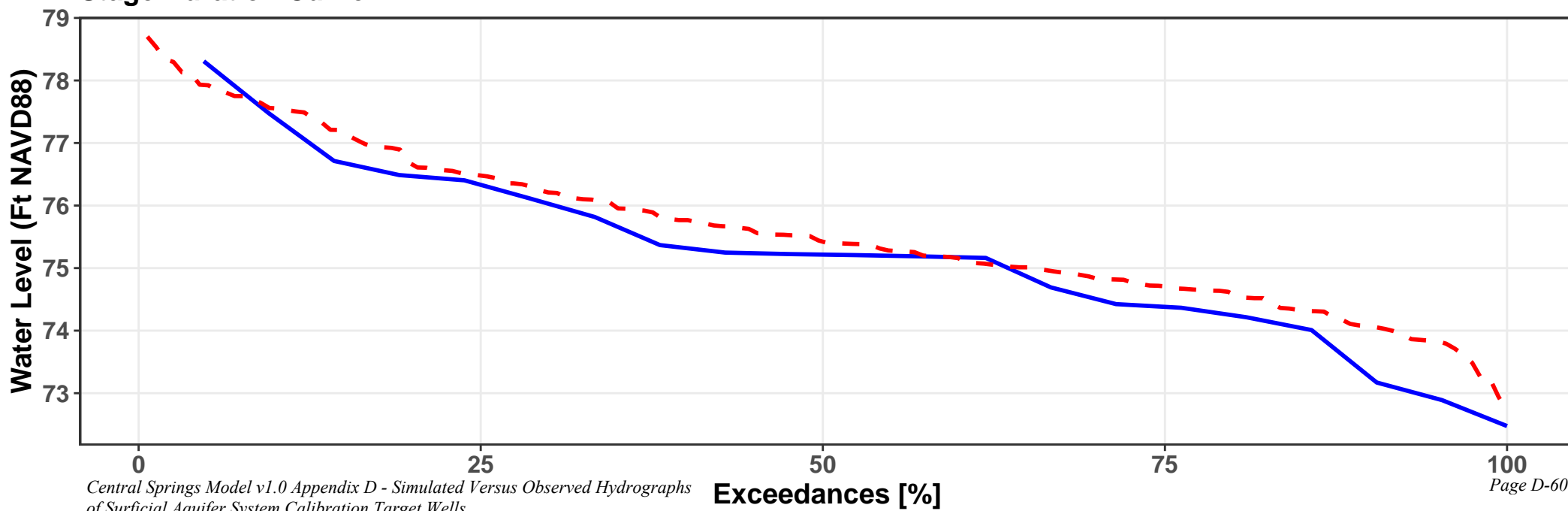
# L-1083 – SAS @ Turnpike

ME = 0.5 MAE = 1.2  $R^2 = 0.2972$  NSE = 0.136

— Observed — Simulated



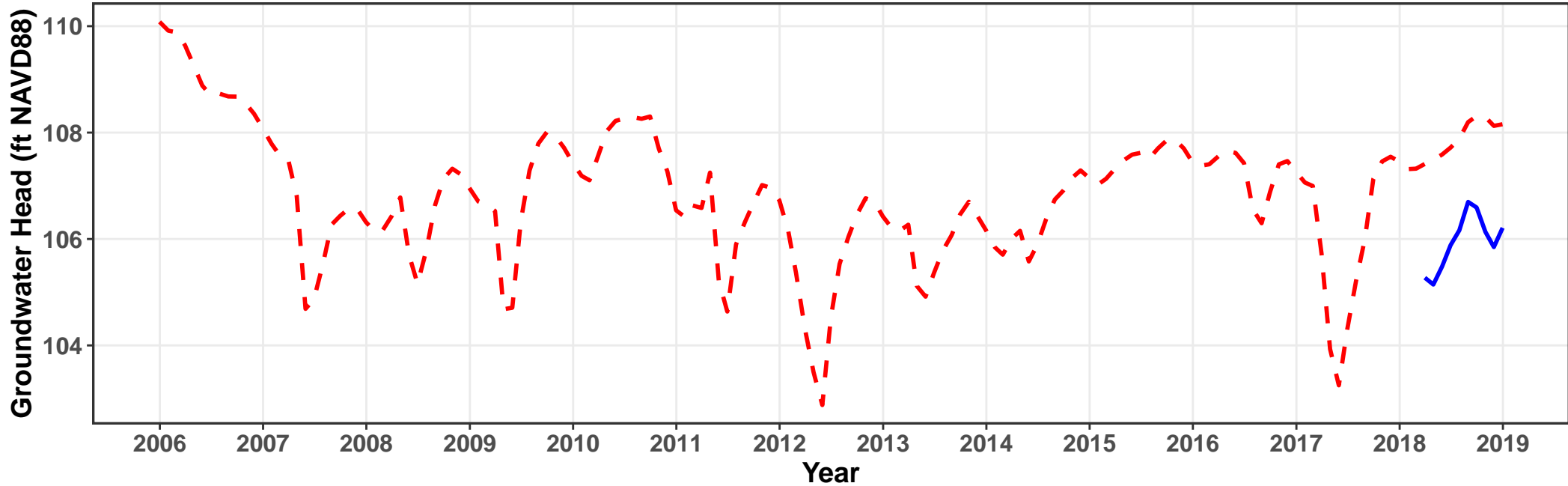
## Stage Duration Curve



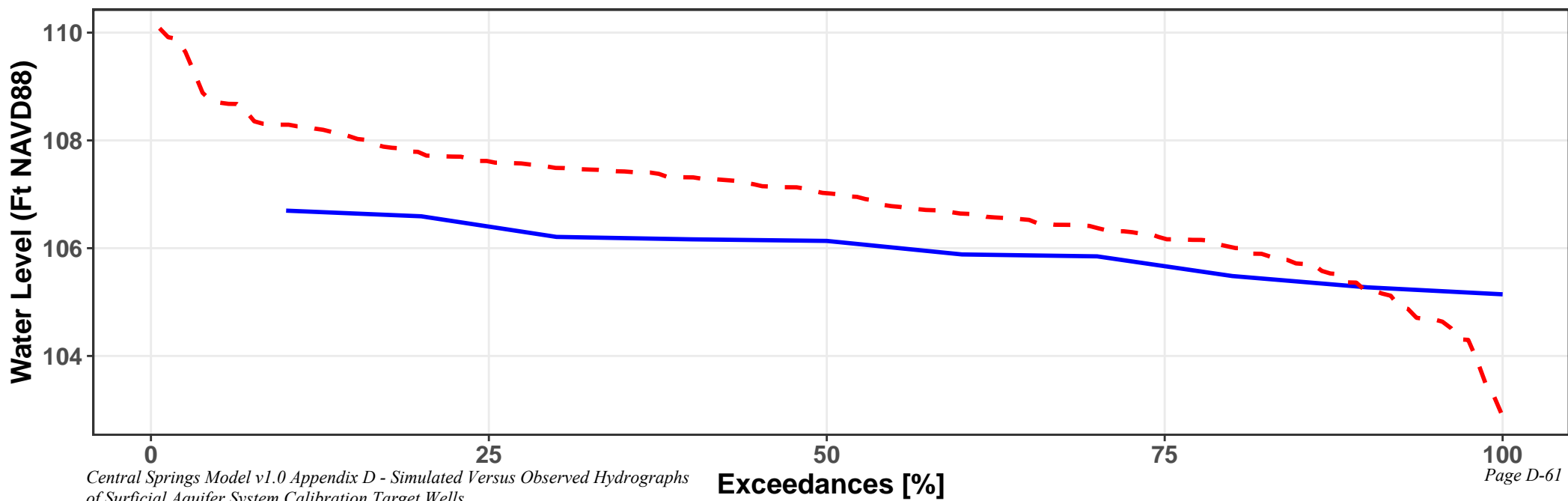
# L-1086 – SAS @ Dixie Lk Wetland

ME = 2 MAE = 2  $R^2 = 0.771$  NSE = -15.142

— Observed — Simulated



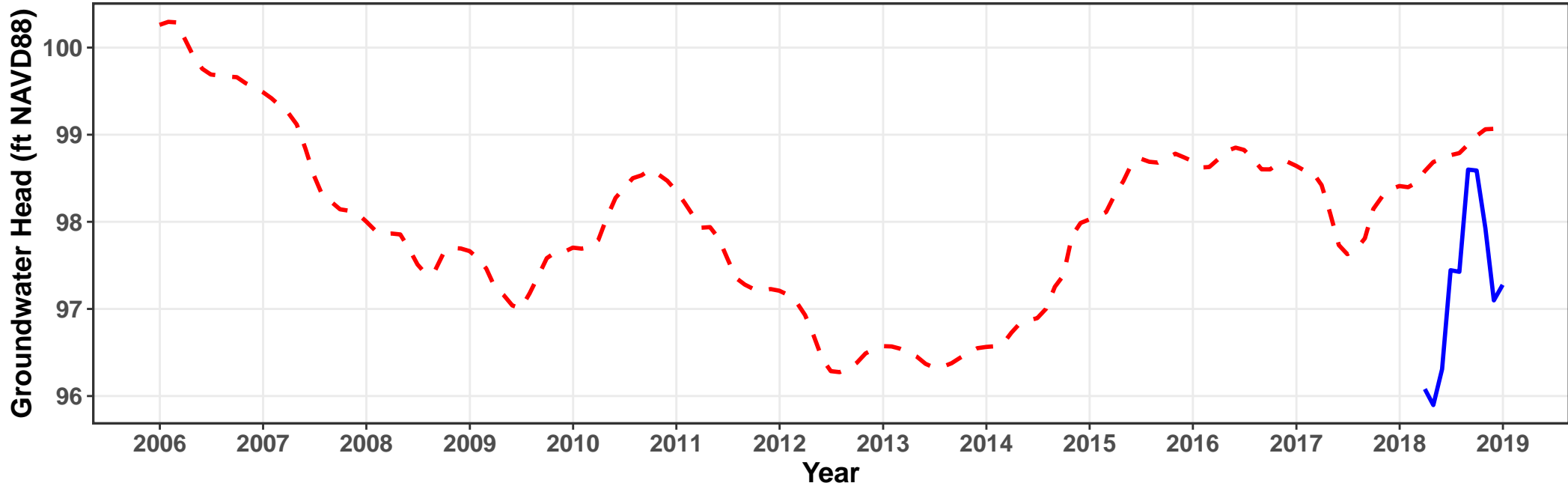
## Stage Duration Curve



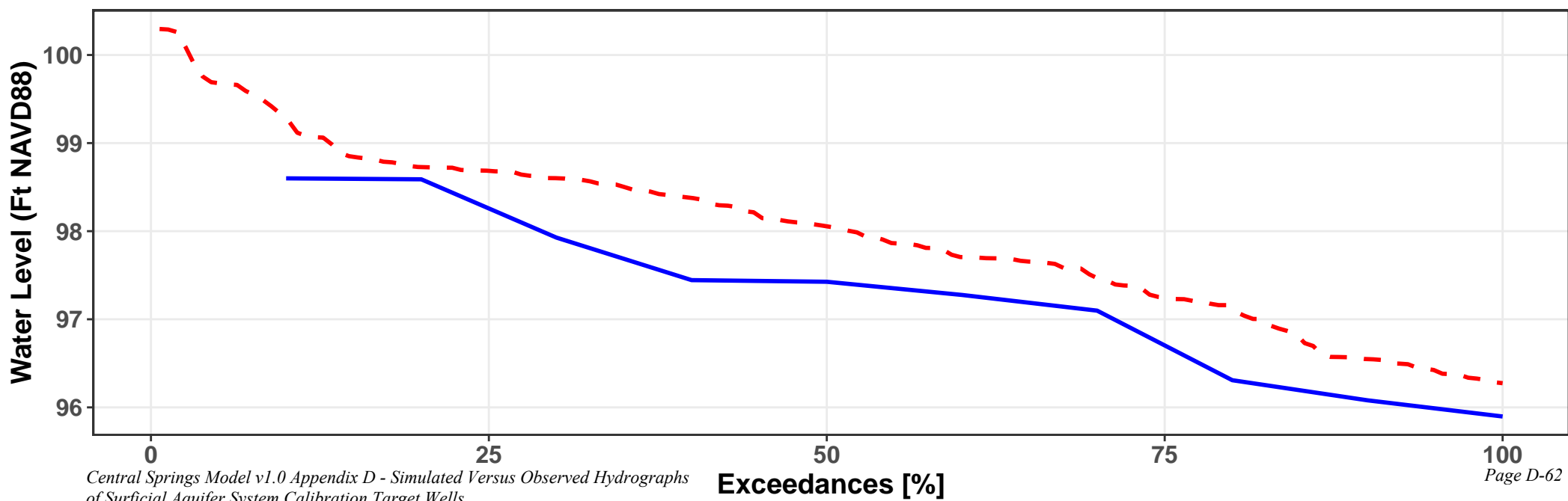
# L-1087 – SAS @ Lk Louisa Wetland

ME = 1.6 MAE = 1.6  $R^2 = 0.3975$  NSE = -2.897

— Observed — Simulated



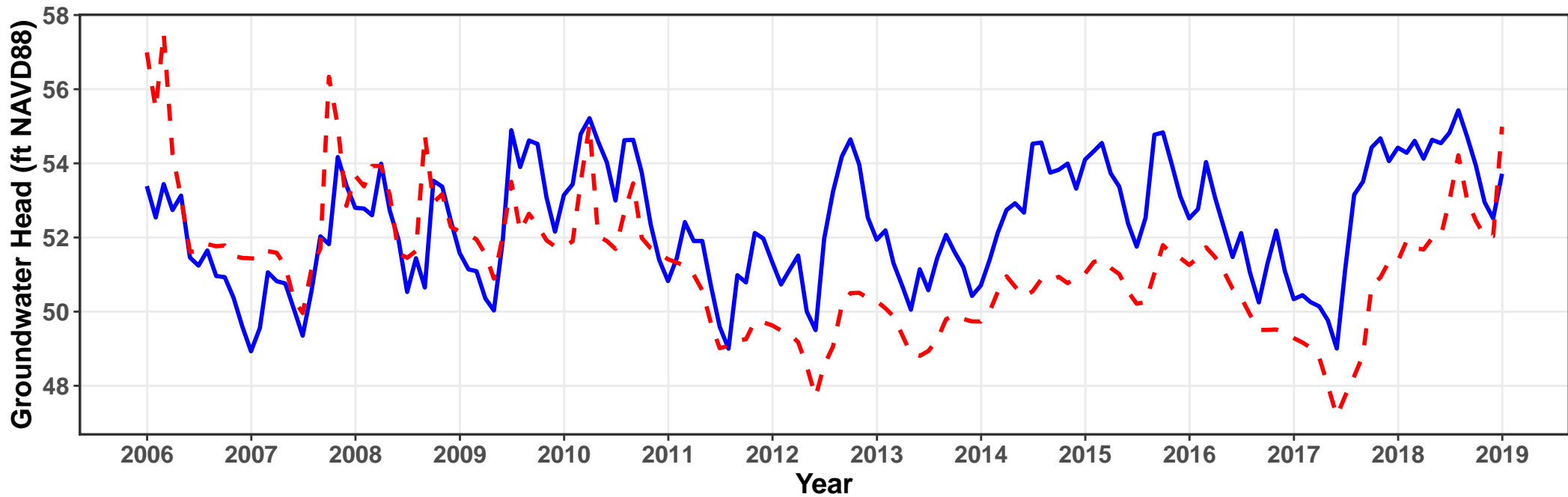
## Stage Duration Curve



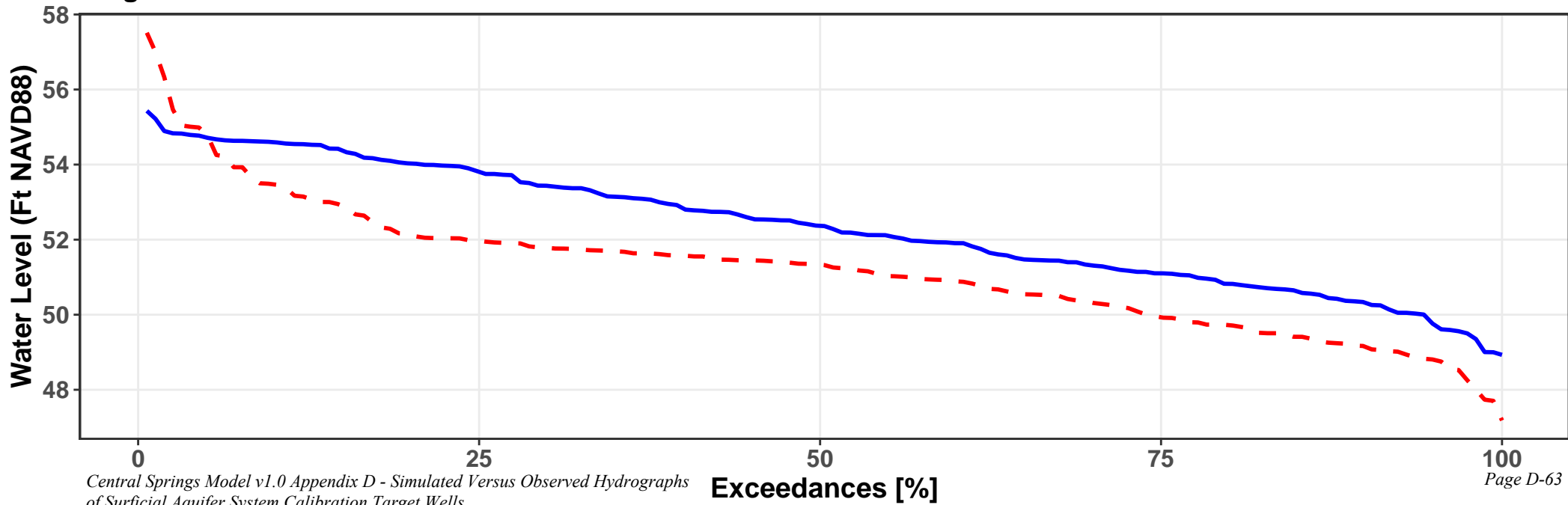
# M-0045 – SAS @ Redwater Lk

ME = -1.1 MAE = 1.7  $R^2 = 0.2399$  NSE = -0.639

— Observed — Simulated



## Stage Duration Curve

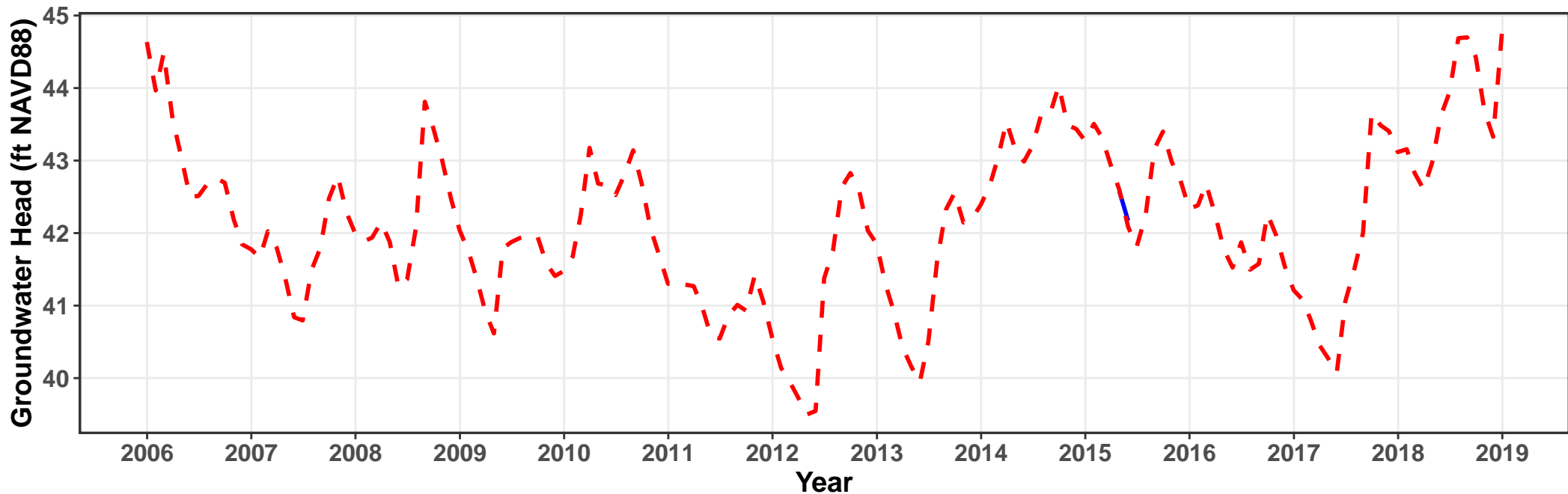




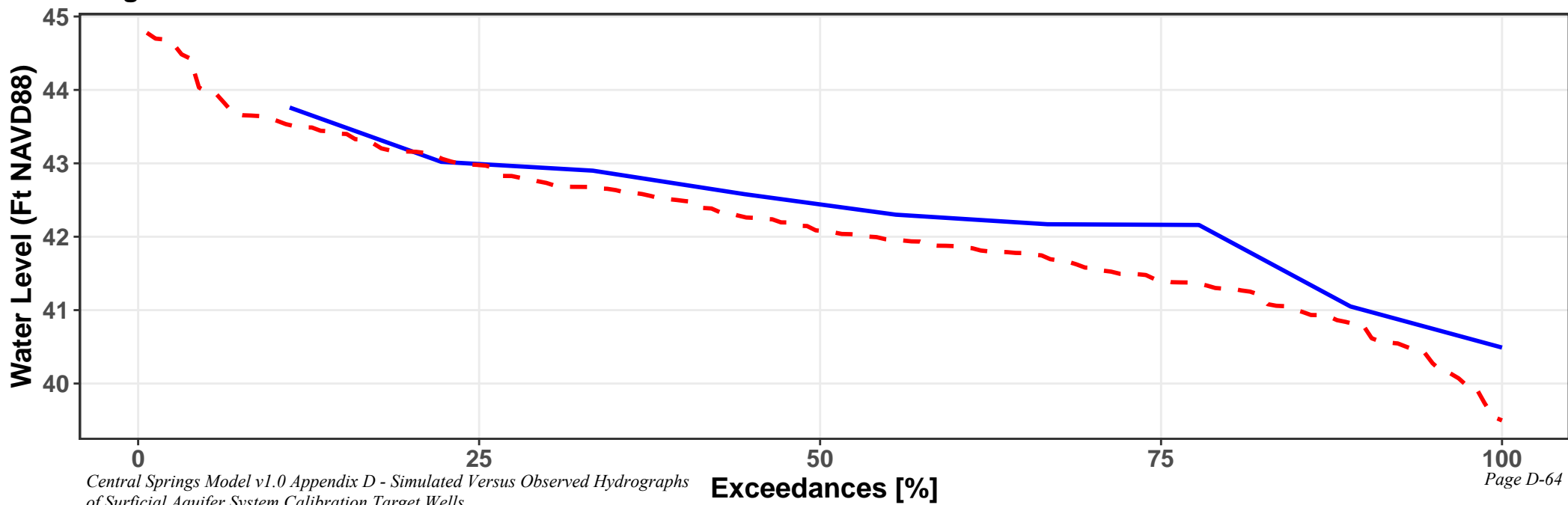
# M-0242 – SAS @ Ocala STP Wells

ME = 0.6 MAE = 0.6  $R^2 = 0.2002$  NSE = -0.26

— Observed — Simulated



## Stage Duration Curve

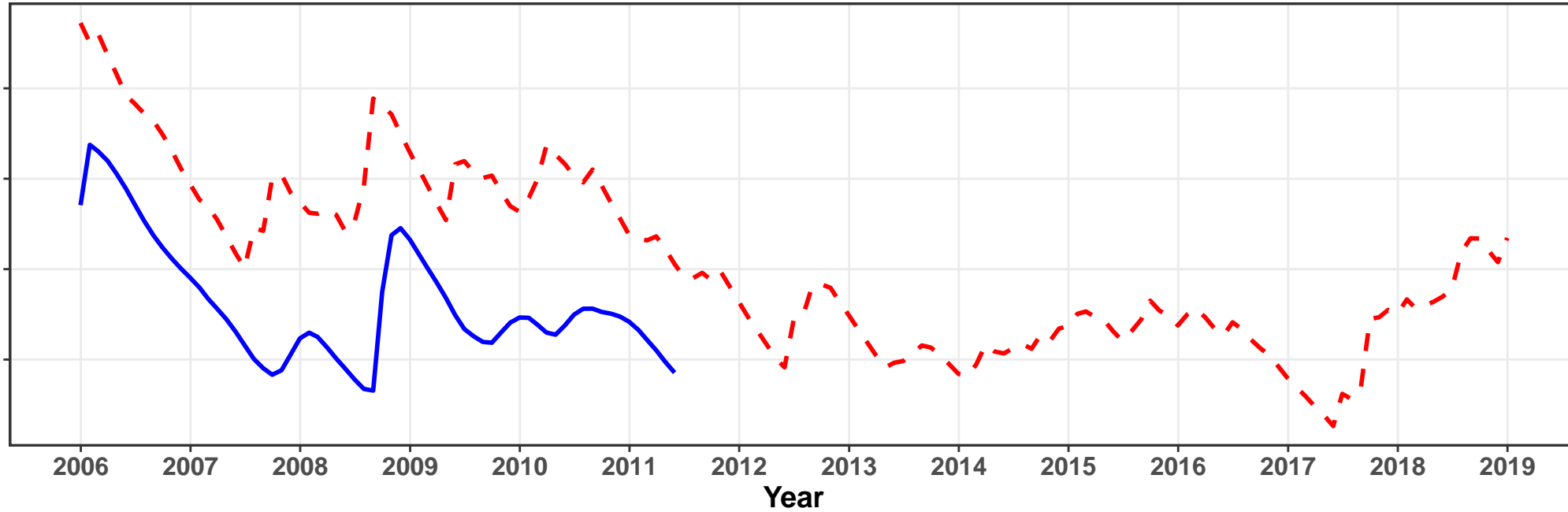


# M-0411 – SAS @ FSR 595 & 579

ME = 4.2 MAE = 4.2  $R^2 = 0.6048$  NSE = -3.828

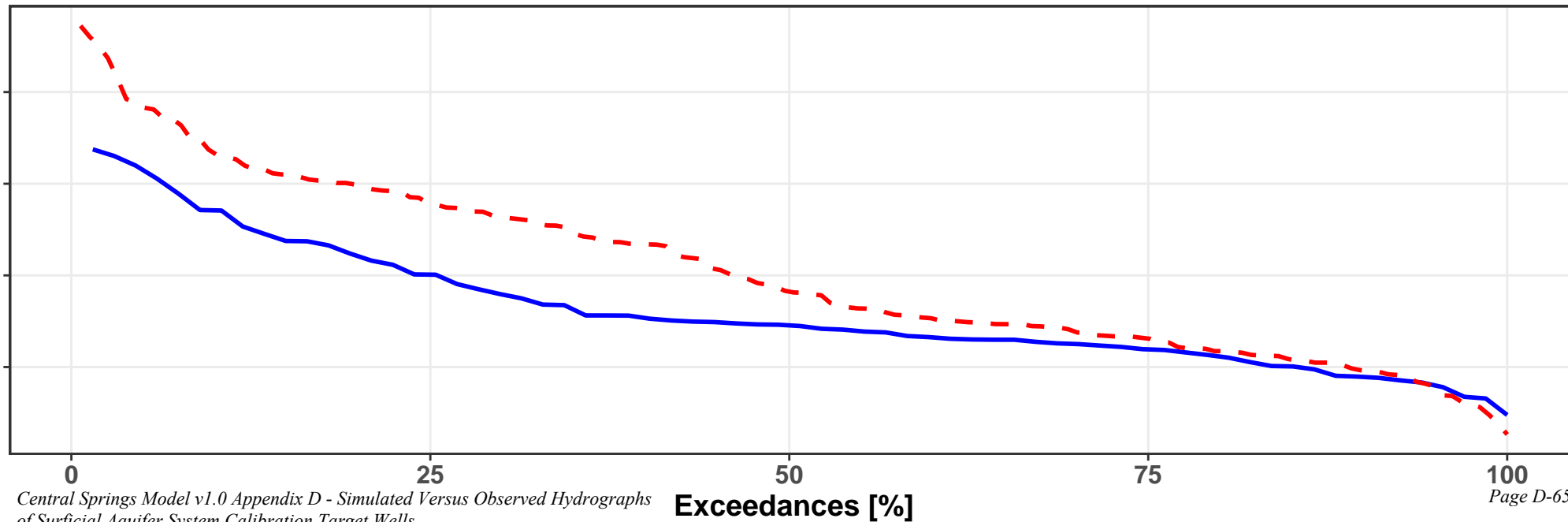
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

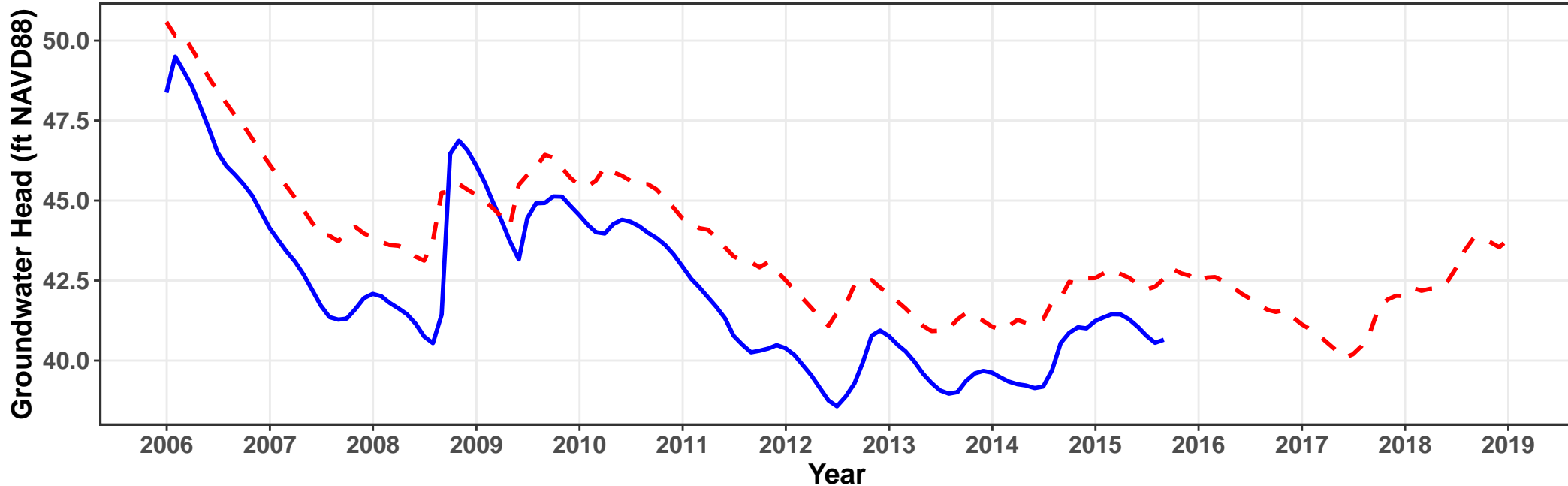
Water Level (Ft NAVD88)



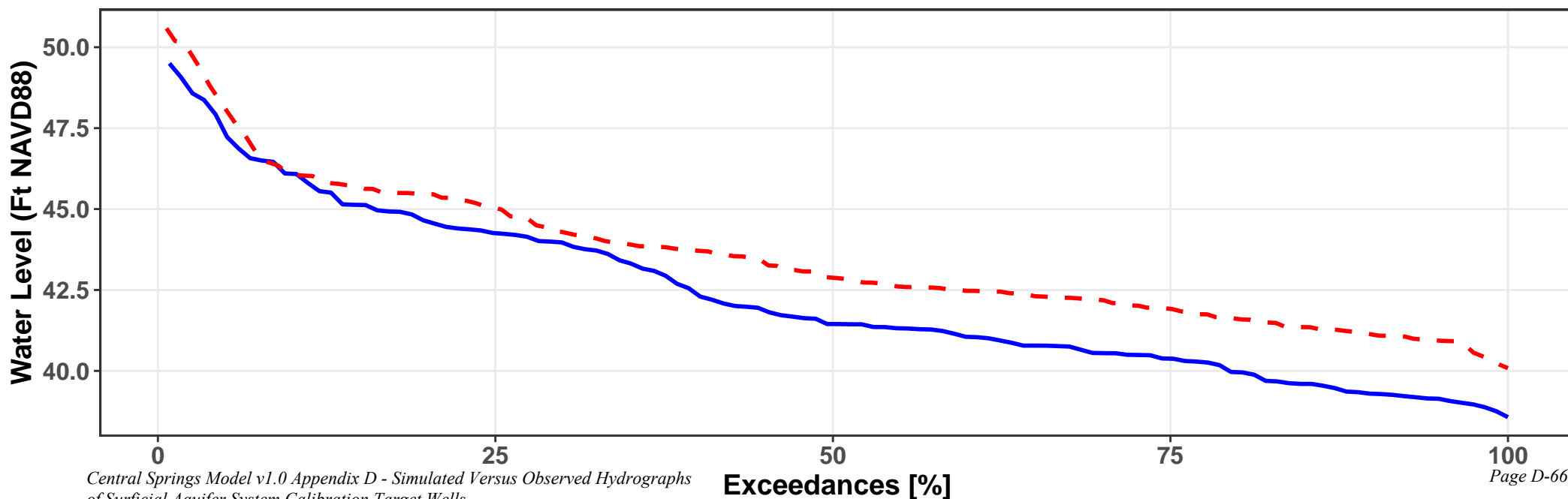
# M-0412 – SAS @ Bombing Range

ME = 1.7 MAE = 1.8  $R^2 = 0.9052$  NSE = 0.475

— Observed — Simulated



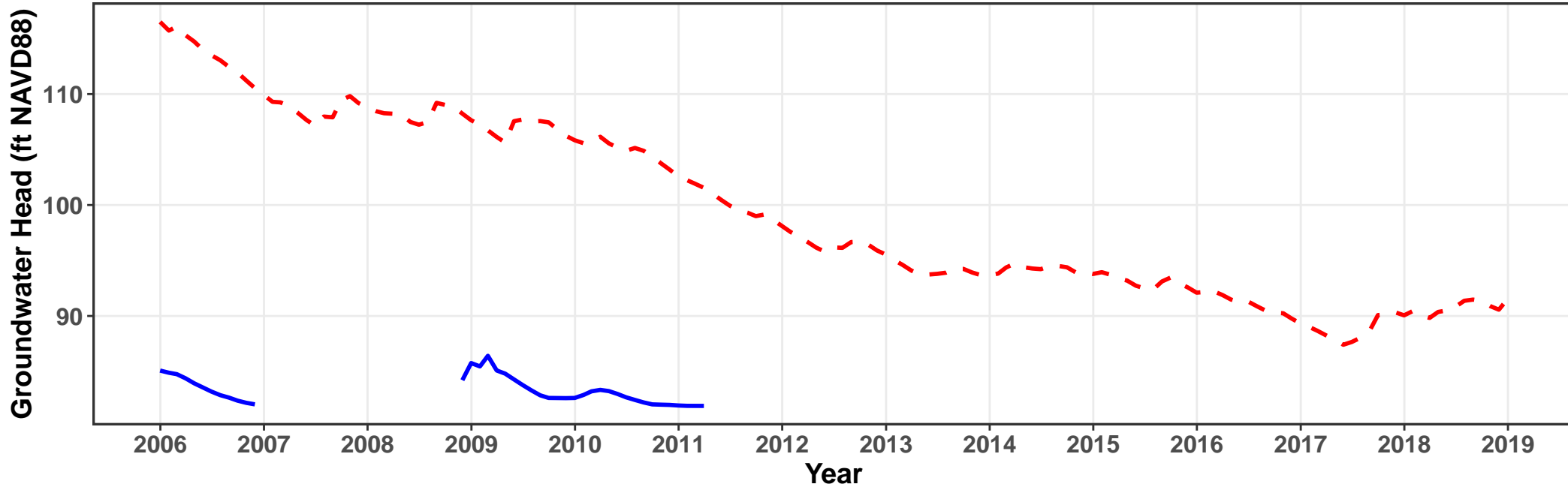
## Stage Duration Curve



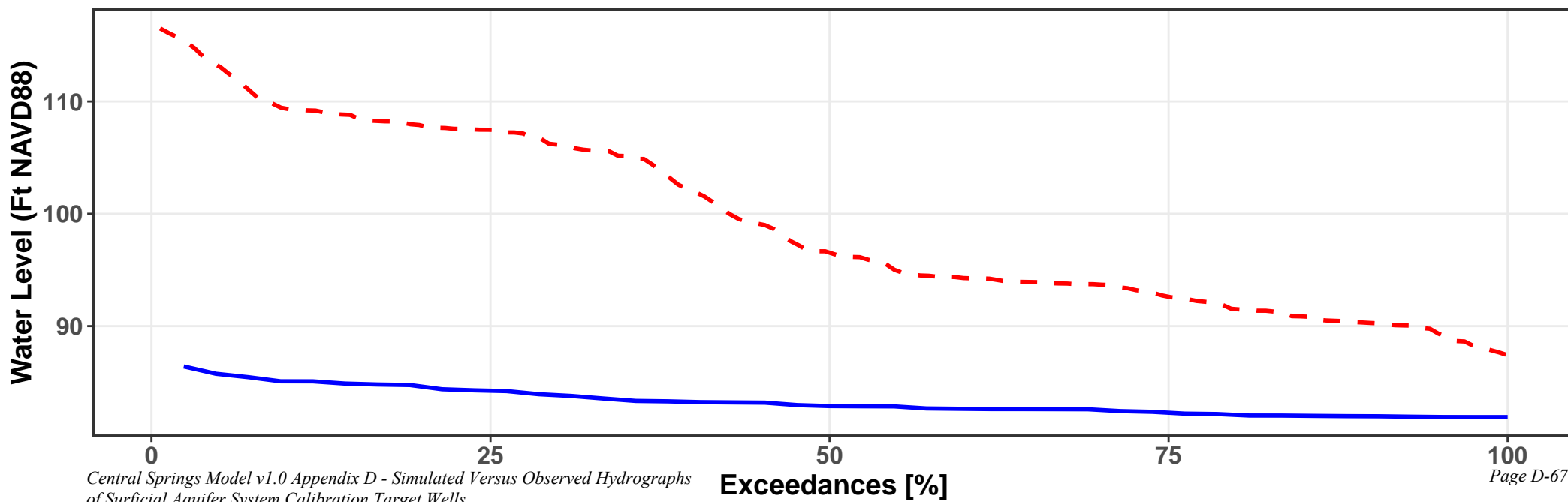
# M-0414 – SAS @ FSR 31 & FSR 97

ME = 24.5 MAE = 24.5  $R^2 = 0.1985$  NSE = -423.887

— Observed — Simulated



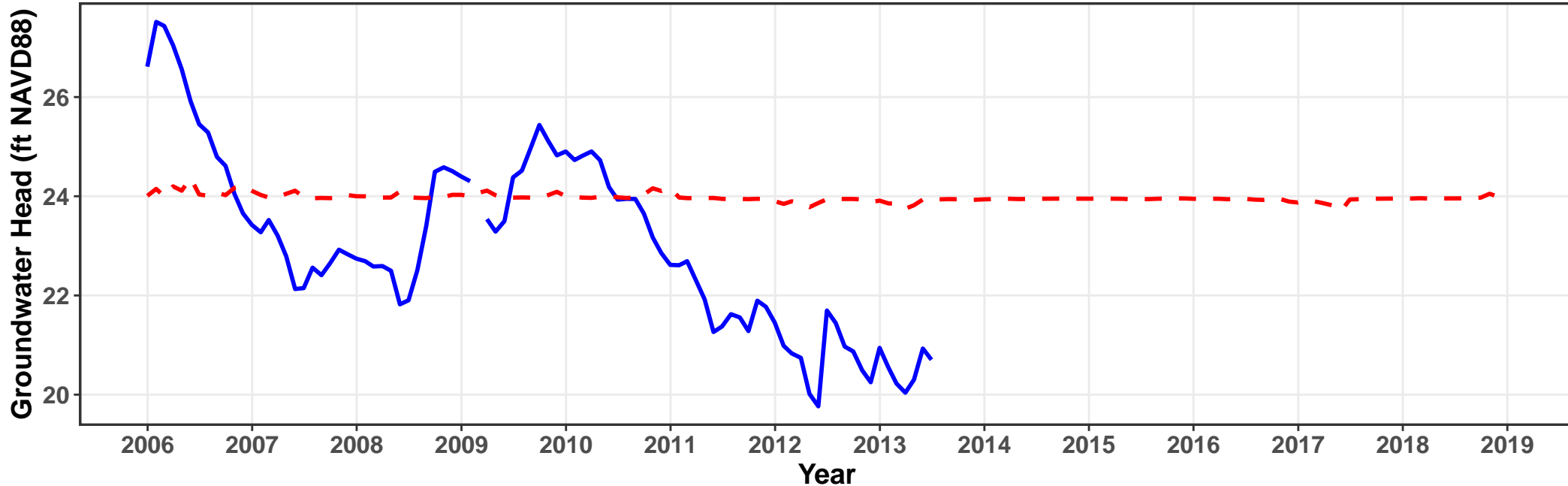
## Stage Duration Curve



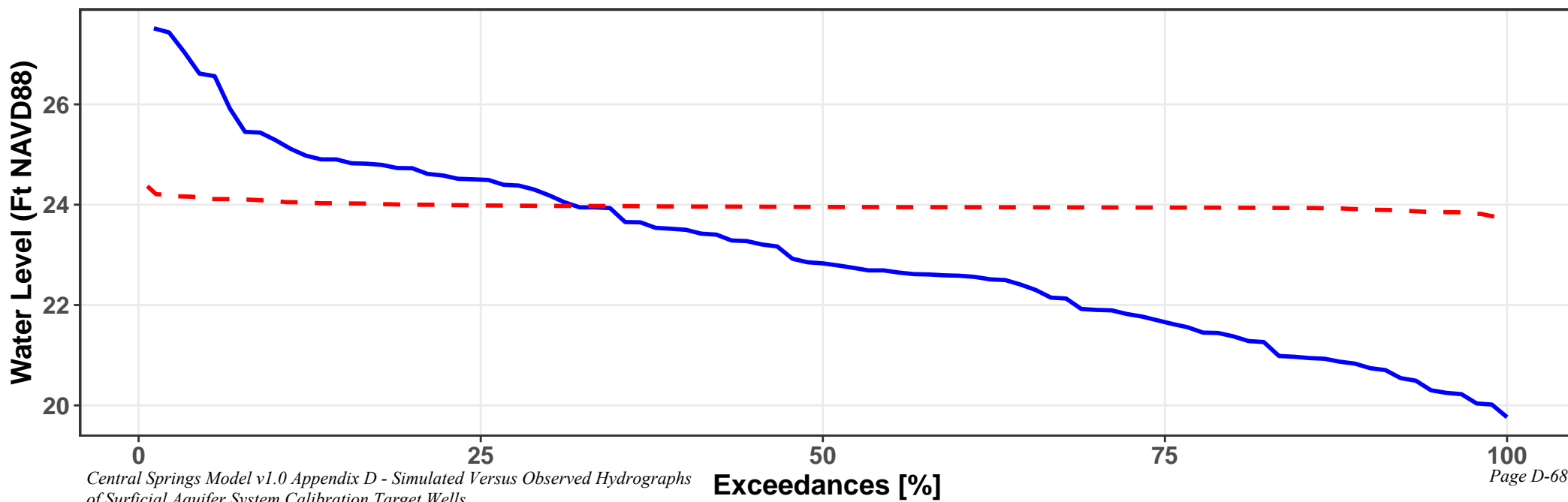
# M-0477 – SAS @ Hopkins Pr T1

ME = 1 MAE = 1.7  $R^2 = 0.396$  NSE = -0.218

— Observed — Simulated



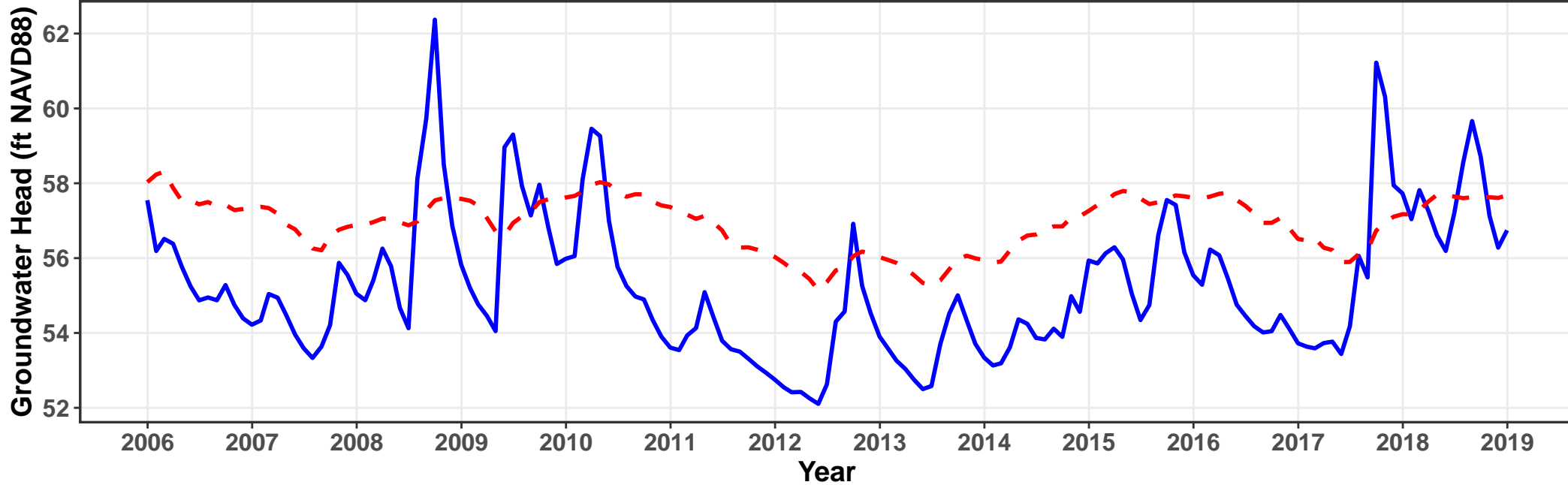
## Stage Duration Curve



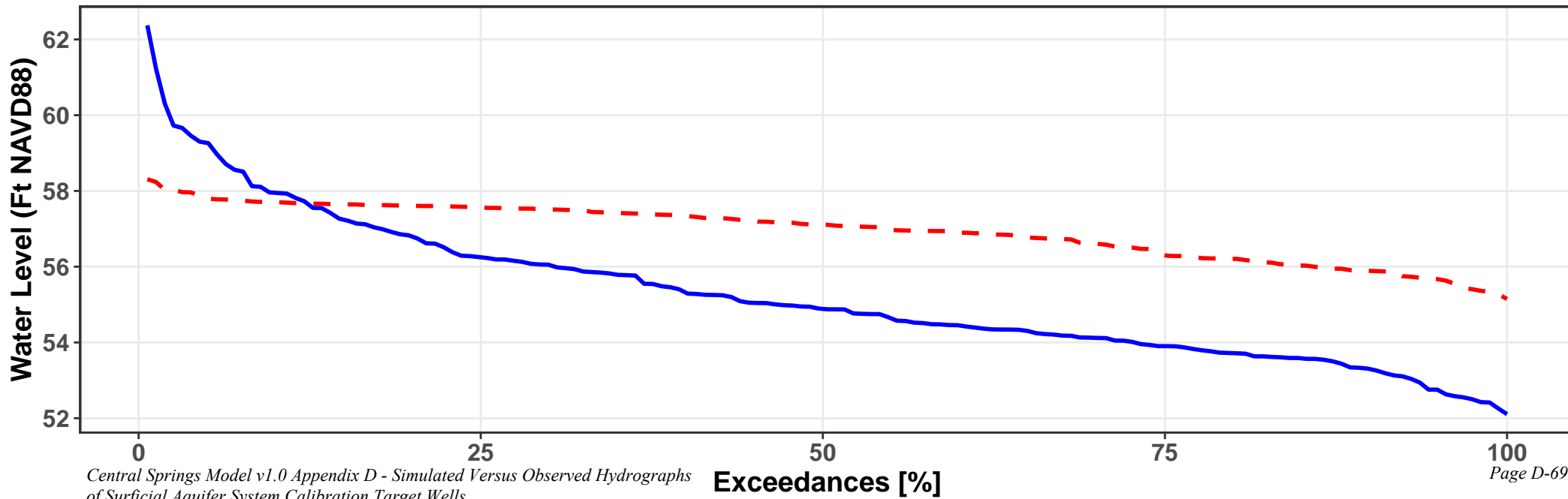
# M-0481 – SAS @ Blue House

ME = 1.7 MAE = 2.1  $R^2 = 0.3626$  NSE = -0.461

— Observed — Simulated



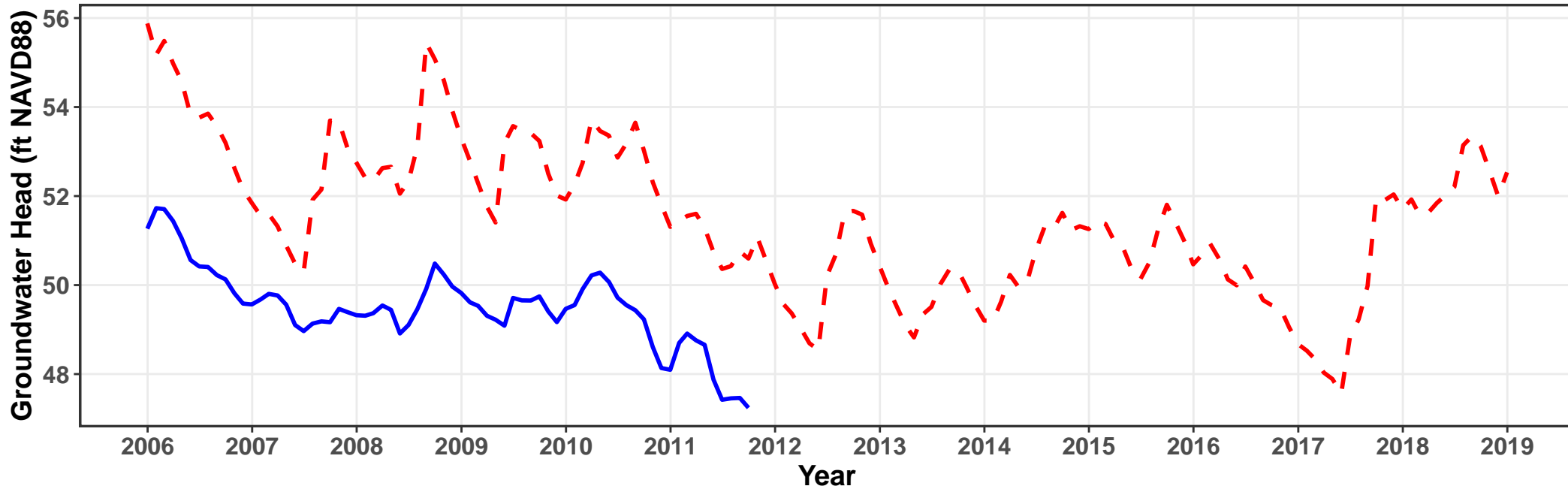
## Stage Duration Curve



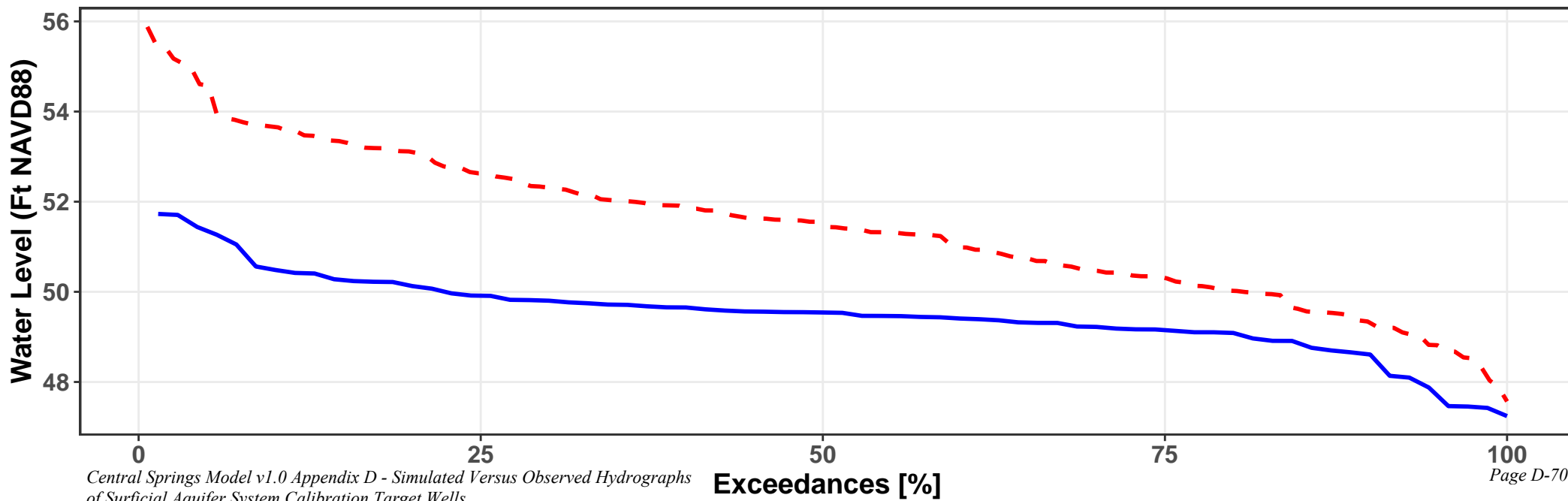
# M-0484 – SAS @ Lk Bryant Wells

ME = 3.2 MAE = 3.2  $R^2 = 0.6708$  NSE = -12.454

— Observed — Simulated



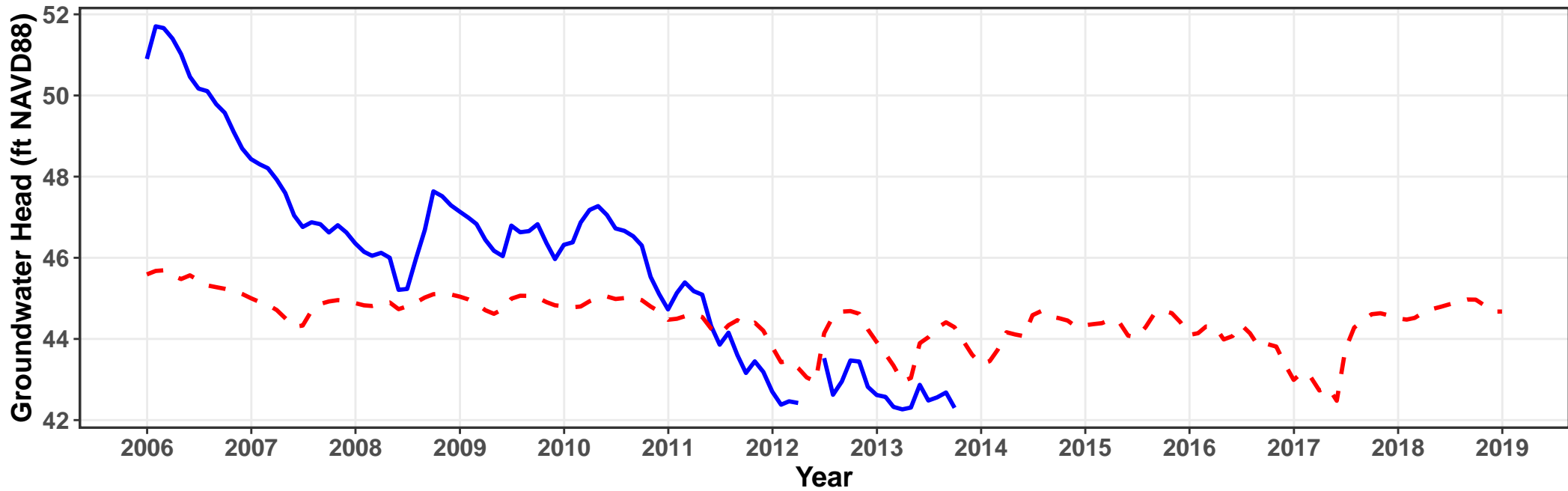
## Stage Duration Curve



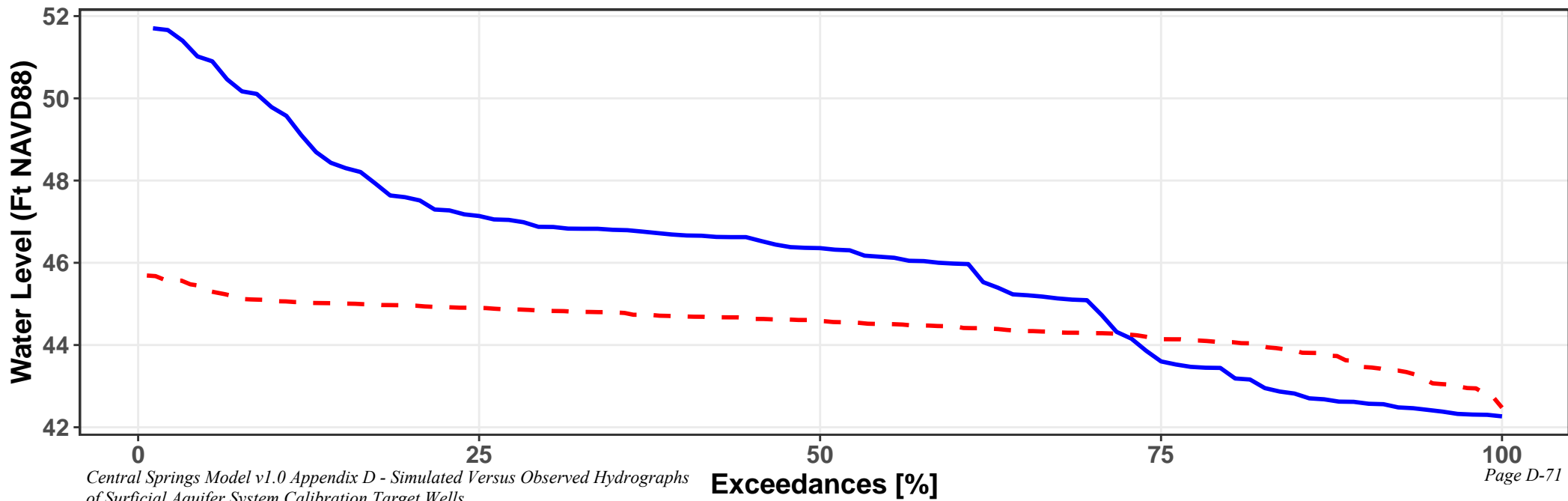
# M-0486 – SAS @ Halfmoon Lk Well

ME = -1.3 MAE = 1.9  $R^2 = 0.7377$  NSE = 0.053

— Observed - - Simulated



## Stage Duration Curve

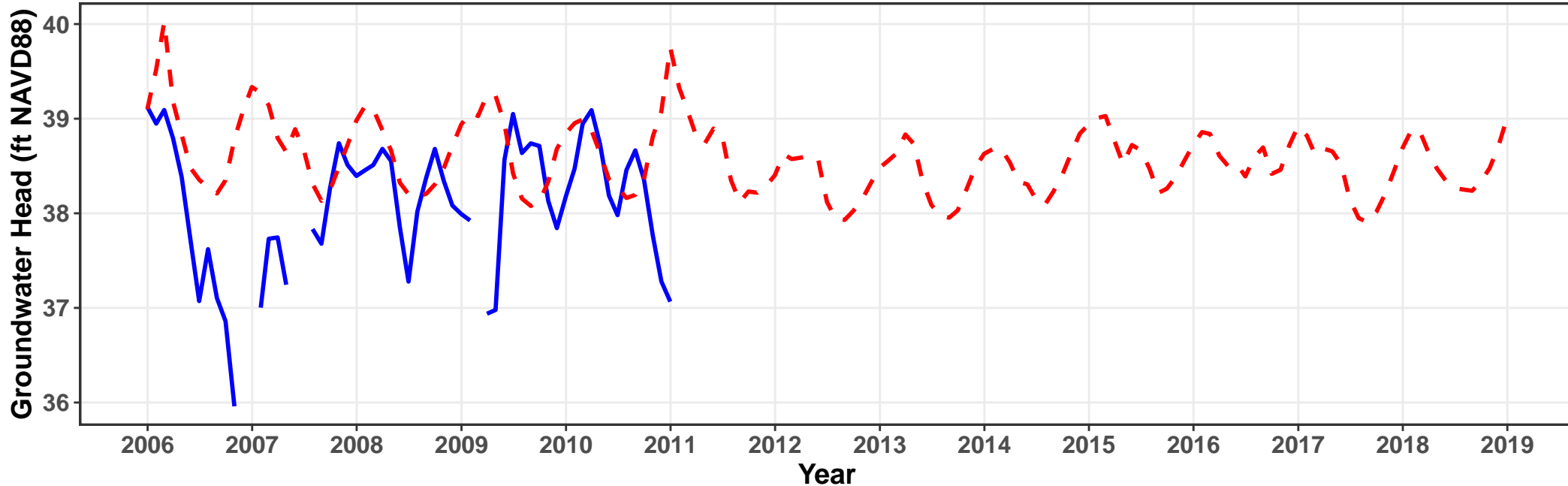




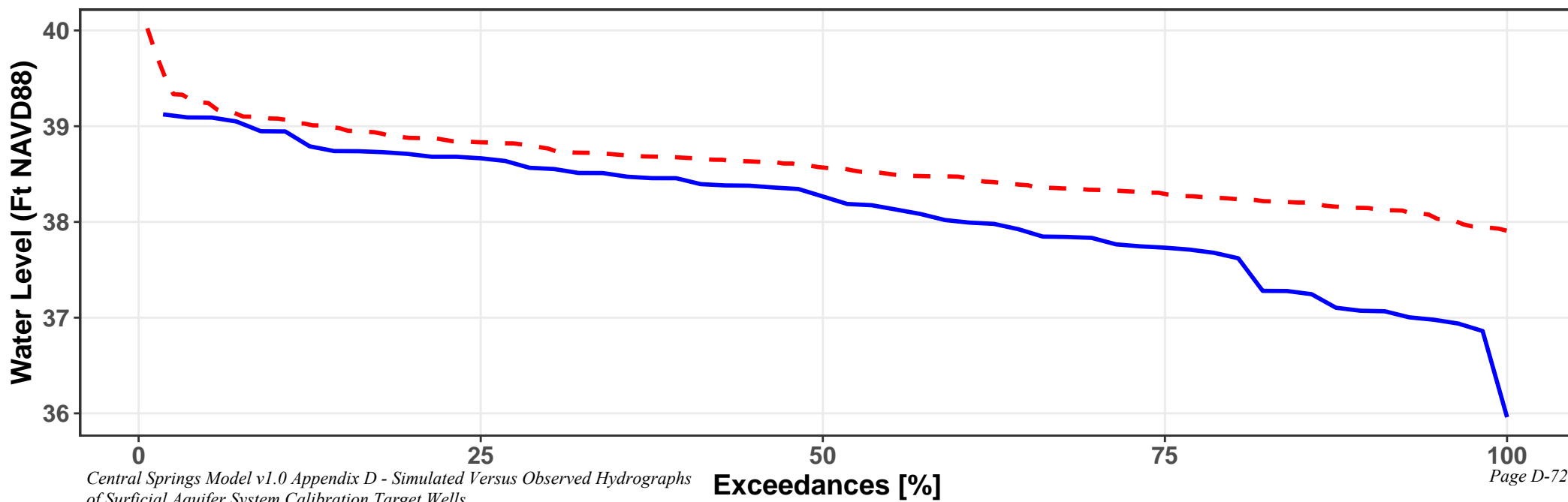
# M-0487 – SAS @ Lk Charles Wells

ME = 0.6 MAE = 0.7  $R^2 = 0$  NSE = -1.142

— Observed — Simulated



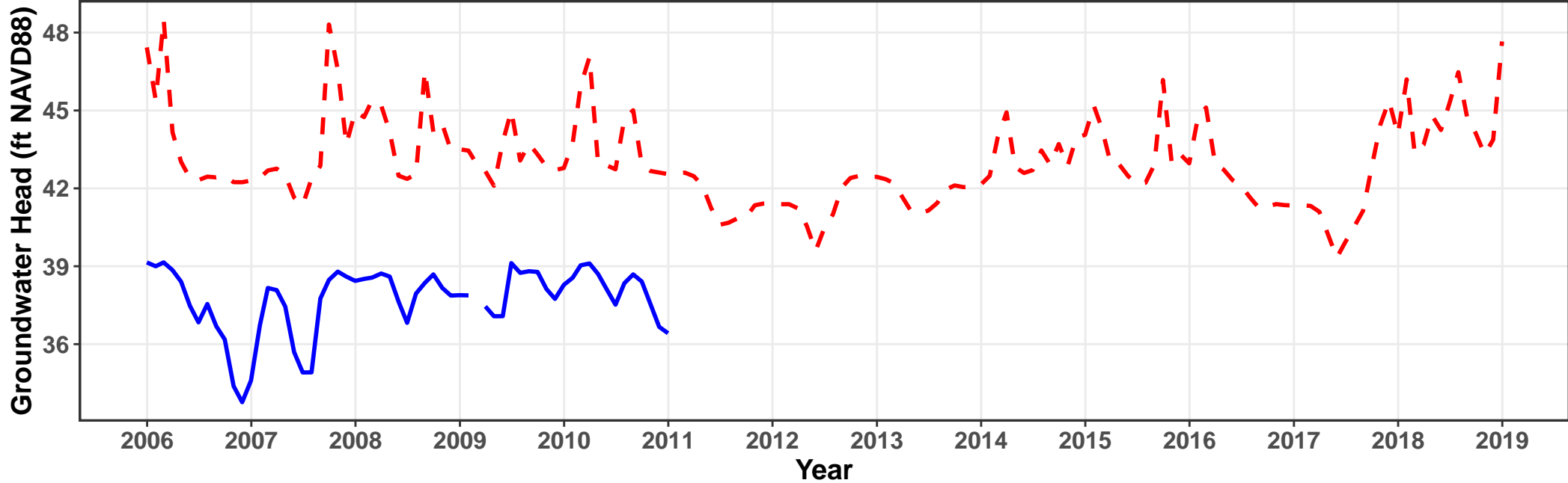
## Stage Duration Curve



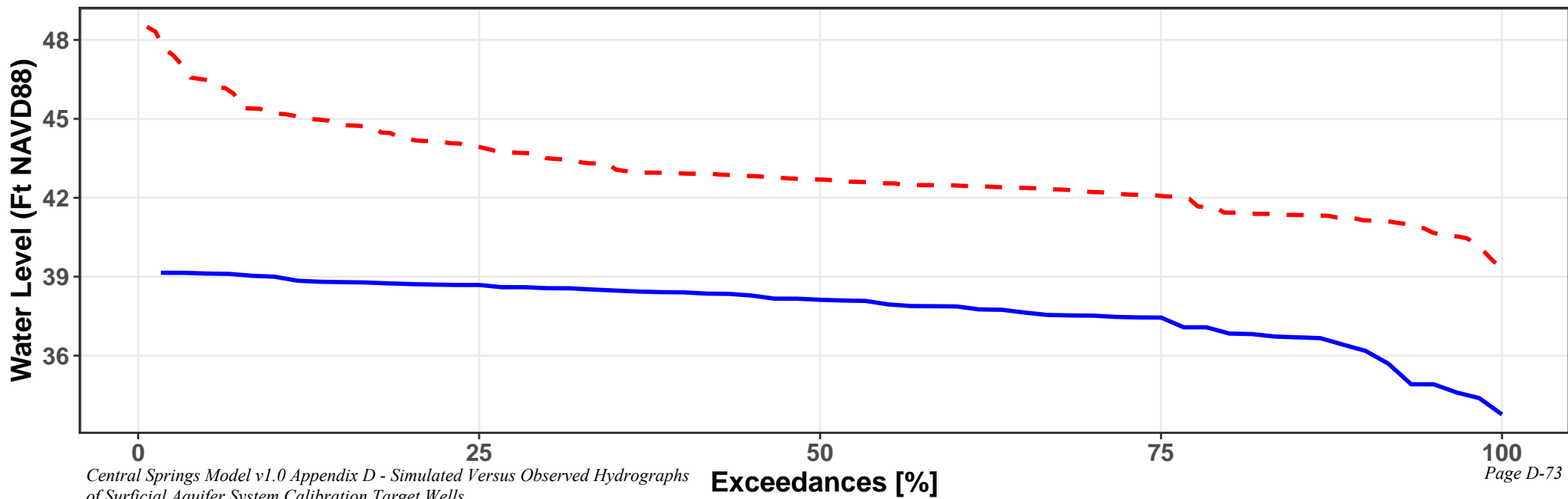
# M-0488 – SAS @ Lk Charles Wells

ME = 5.9 MAE = 5.9  $R^2 = 0.3971$  NSE = -22.239

— Observed — Simulated



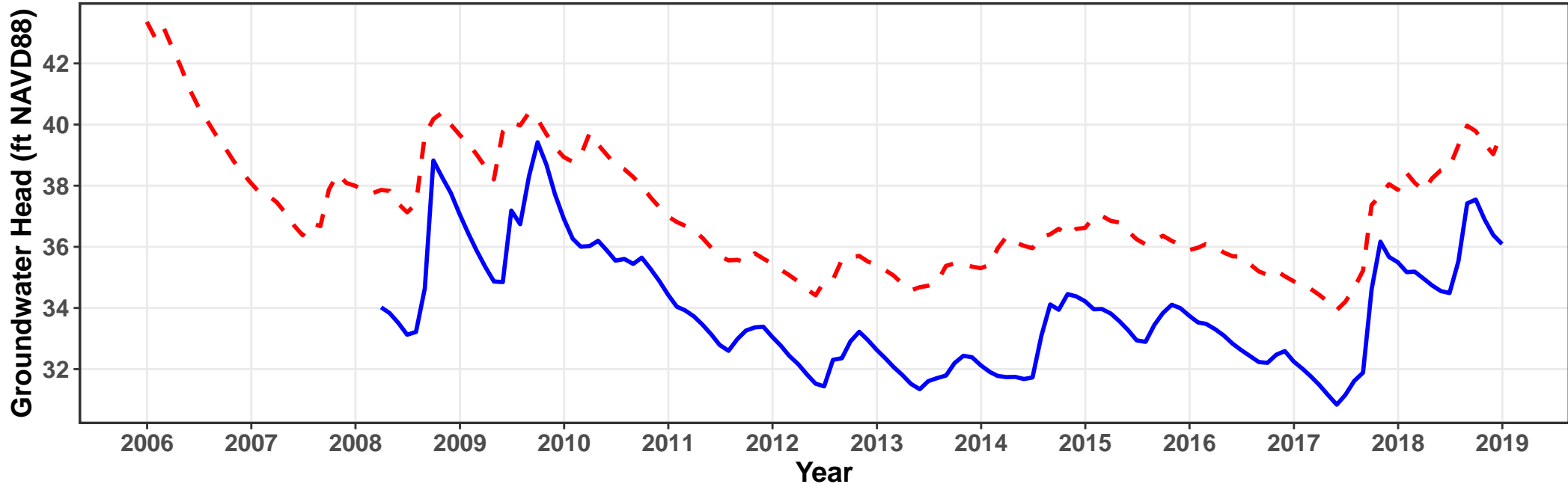
## Stage Duration Curve



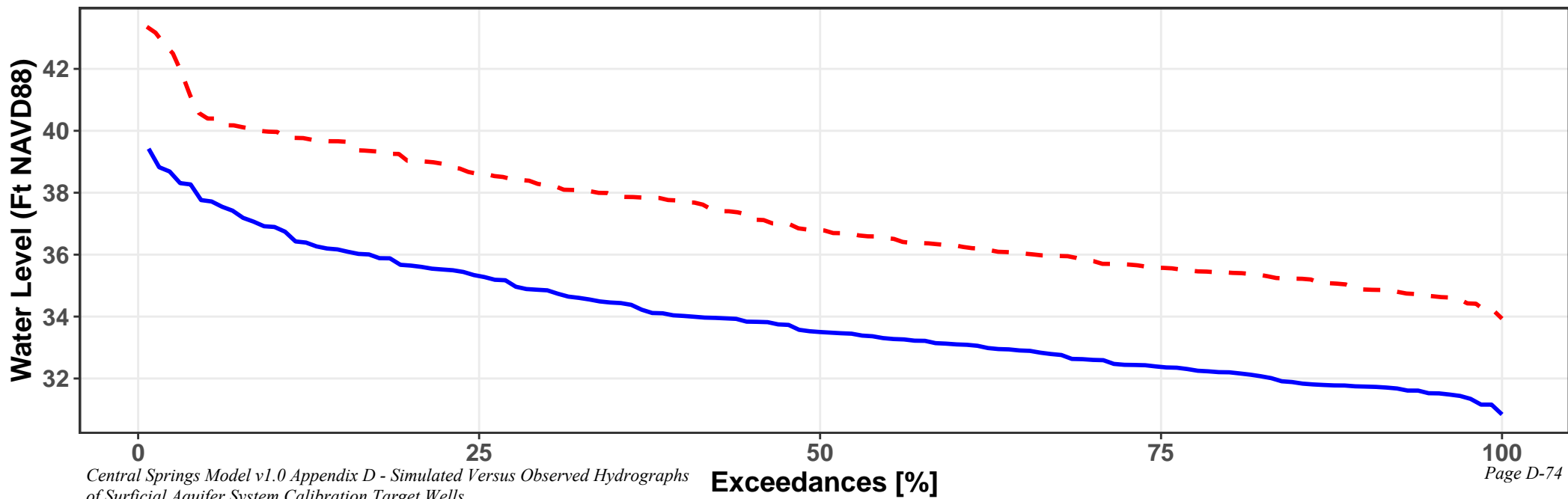
# M-0525 – SAS @ SR19 & 40

ME = 2.9 MAE = 2.9  $R^2 = 0.8766$  NSE = -1.397

— Observed — Simulated



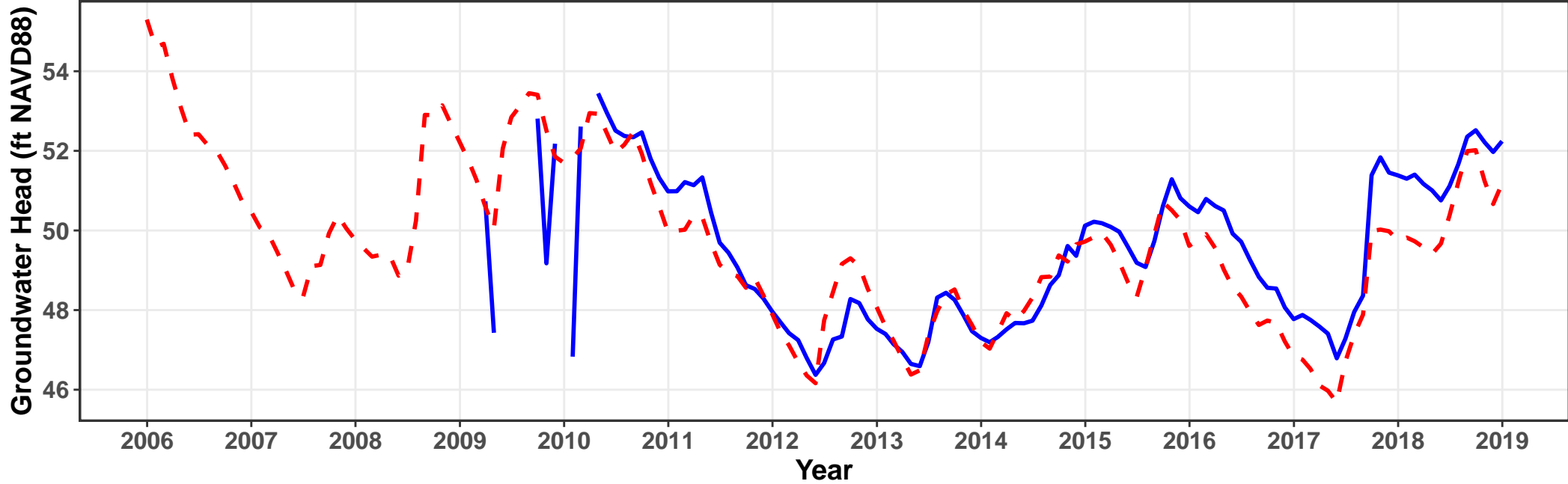
## Stage Duration Curve



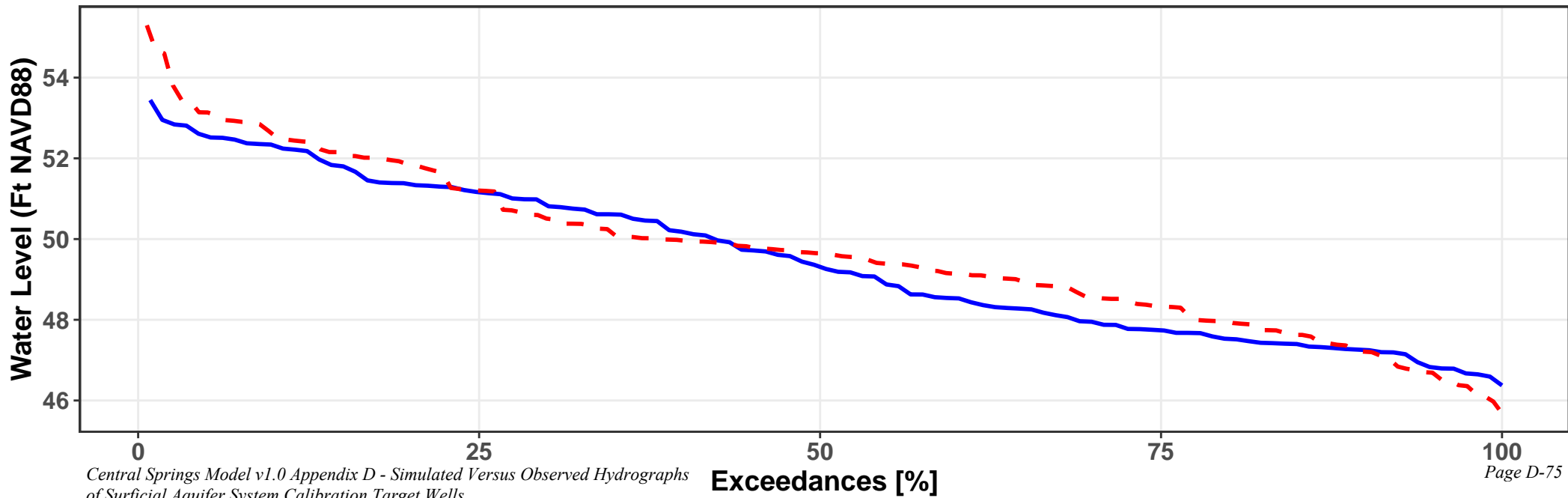
# M-0610 – SAS @ Nicotoon Lk Wells

ME = -0.3 MAE = 0.8  $R^2 = 0.7452$  NSE = 0.711

— Observed — Simulated



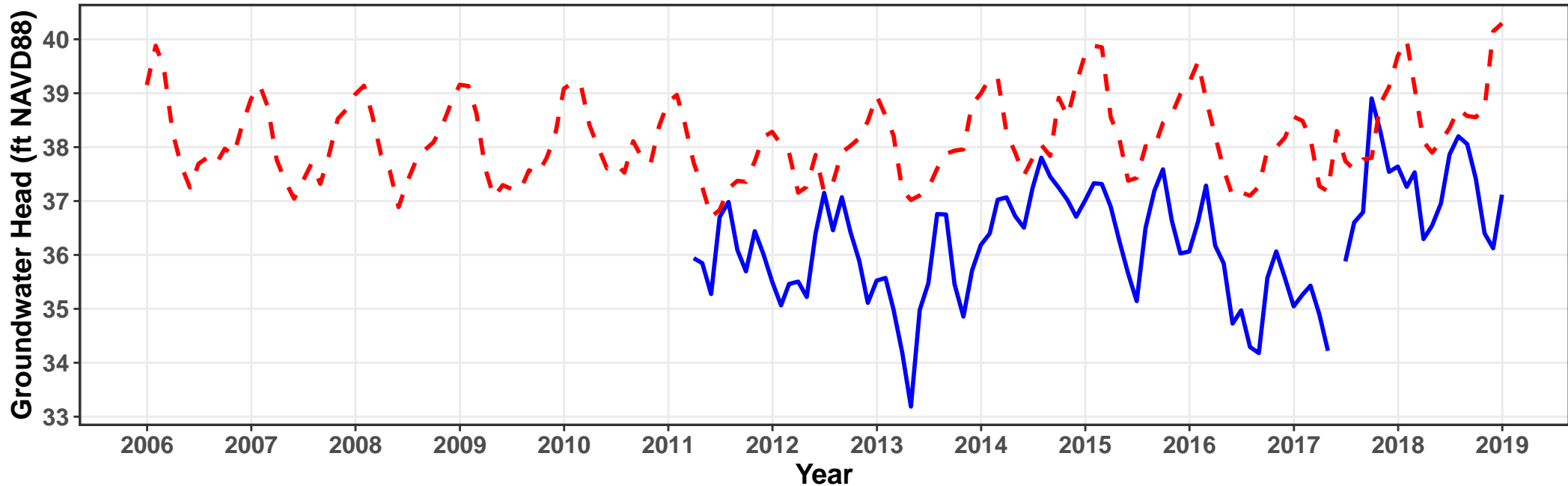
## Stage Duration Curve



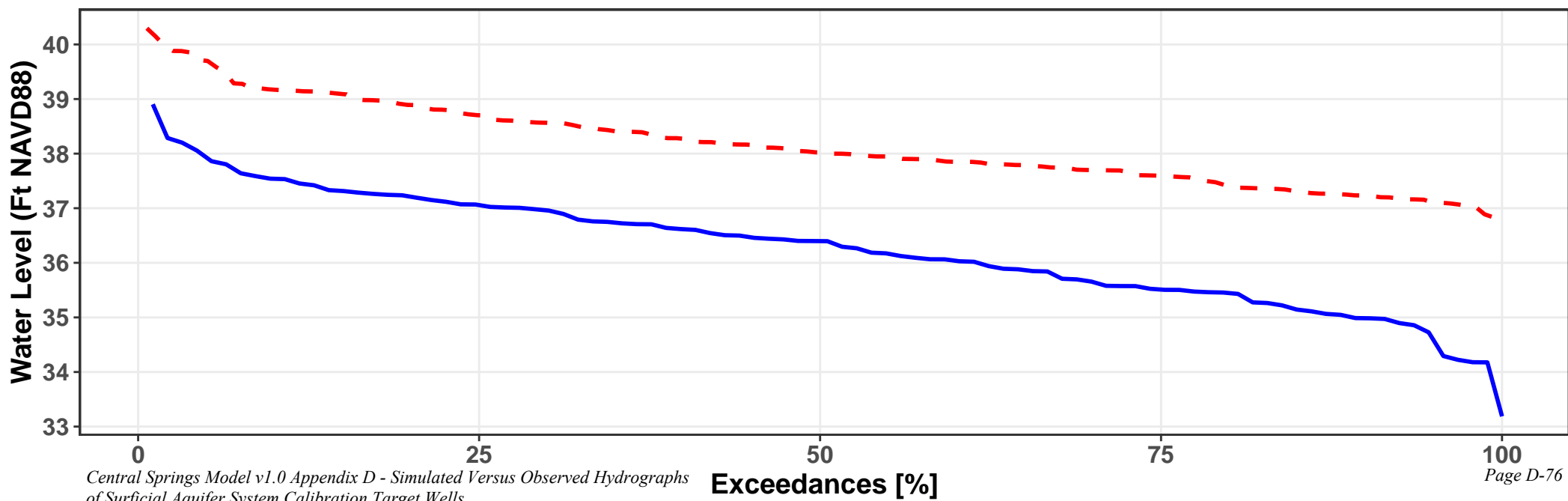
# M-0688 – SAS @ Silver R S3

ME = 1.9 MAE = 1.9  $R^2 = 0.2179$  NSE = -3.231

— Observed — Simulated



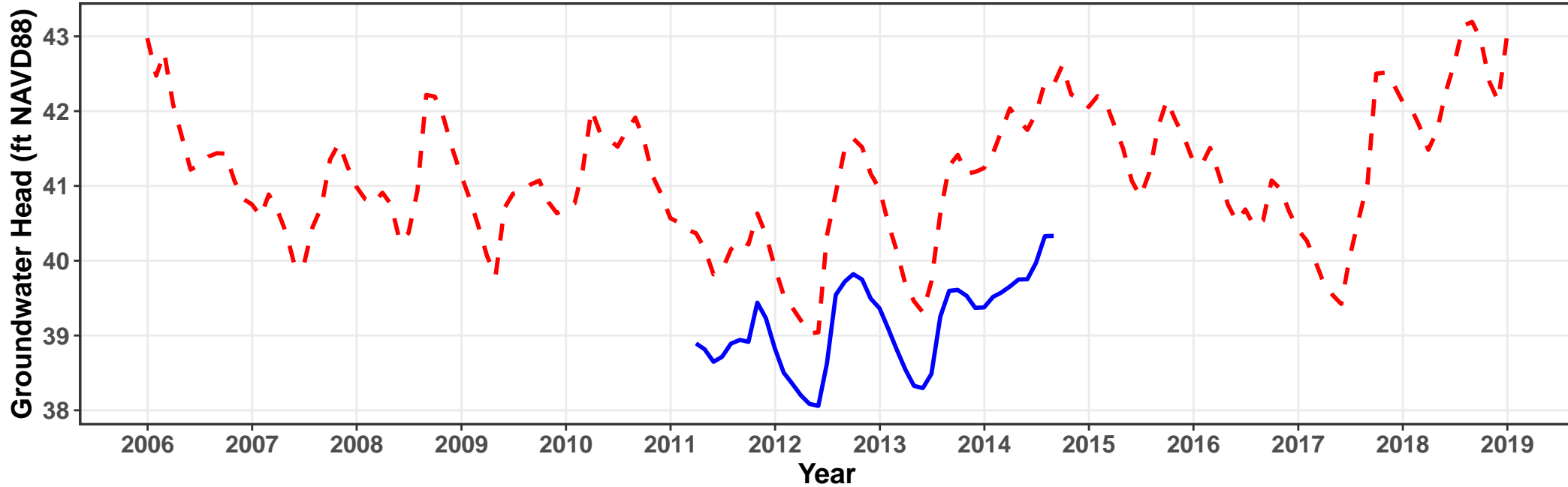
## Stage Duration Curve



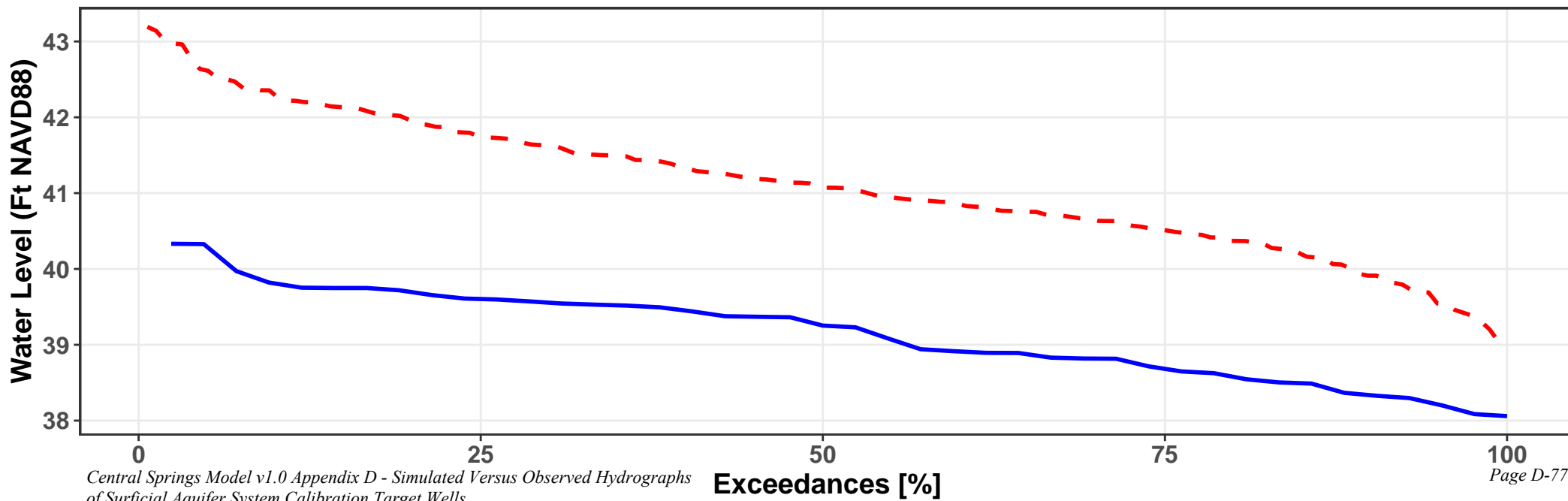
# M-0691 – SAS @ Silver R S9

ME = 1.5 MAE = 1.5  $R^2 = 0.9516$  NSE = -5.895

— Observed — Simulated



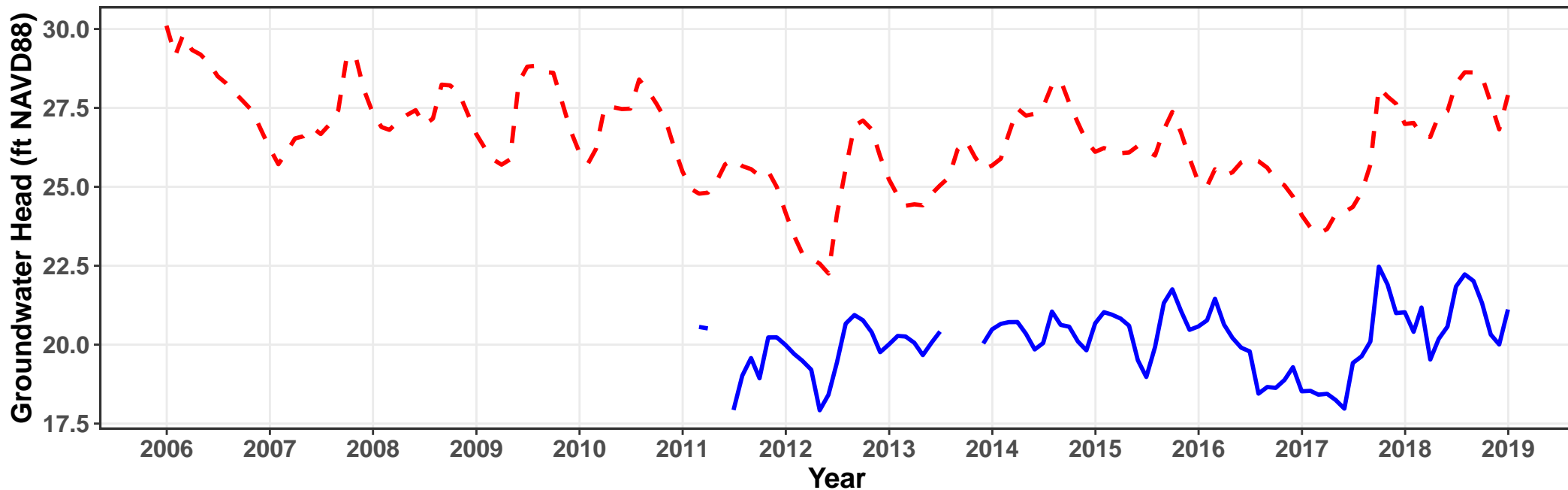
## Stage Duration Curve



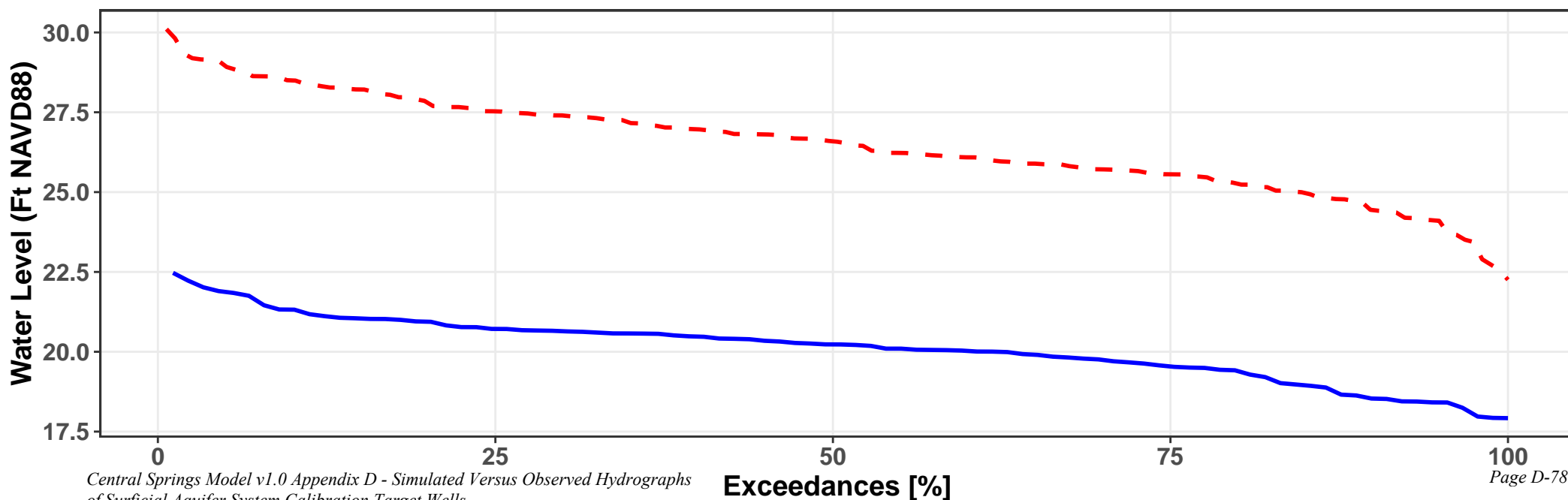
# M-0692 – SAS @ Ocklawaha T1

ME = 5.7 MAE = 5.7  $R^2 = 0.4792$  NSE = -33.105

— Observed — Simulated



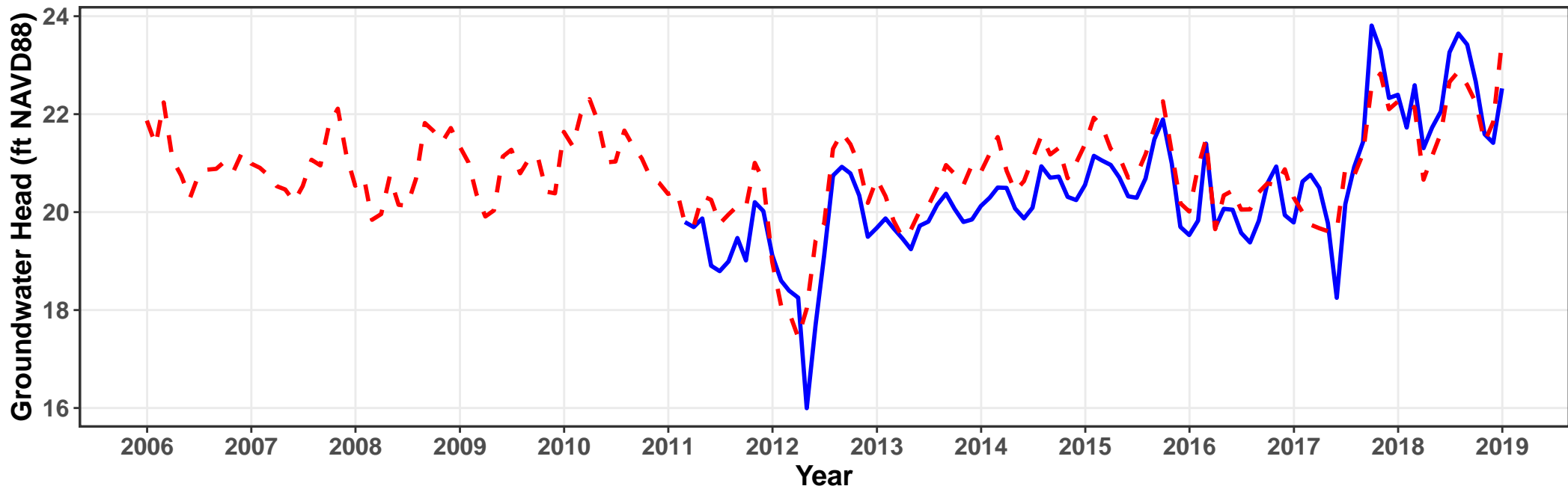
## Stage Duration Curve



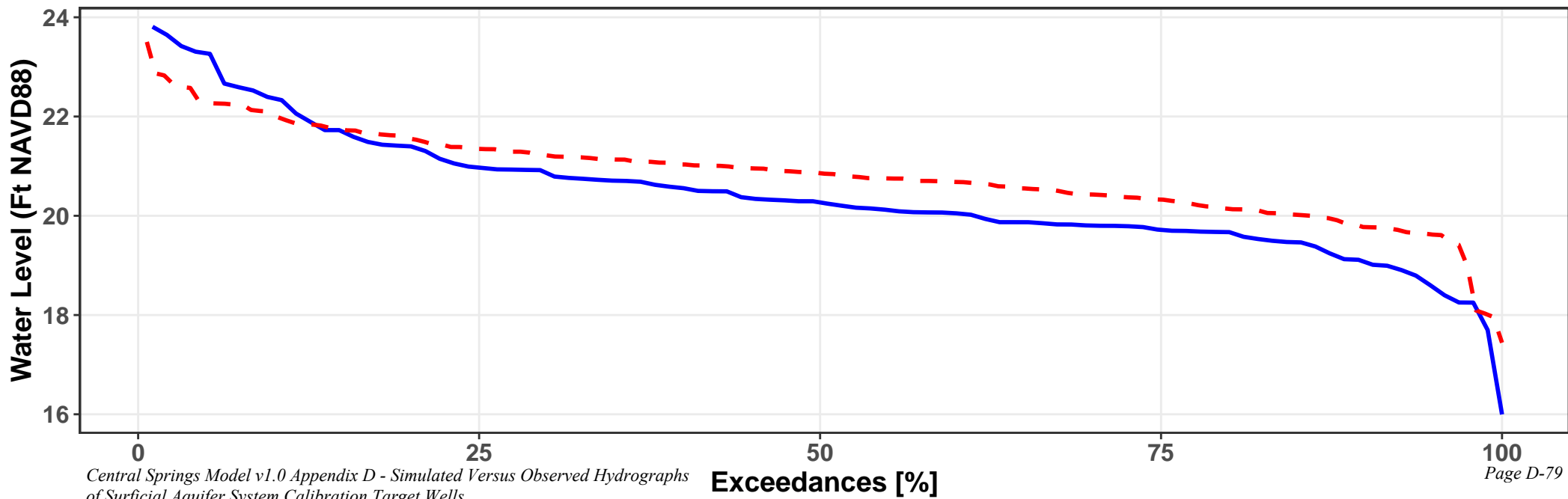
# M-0694 – SAS @ Ocklawaha T1

ME = 0.3 MAE = 0.6  $R^2 = 0.7813$  NSE = 0.713

— Observed — Simulated



## Stage Duration Curve

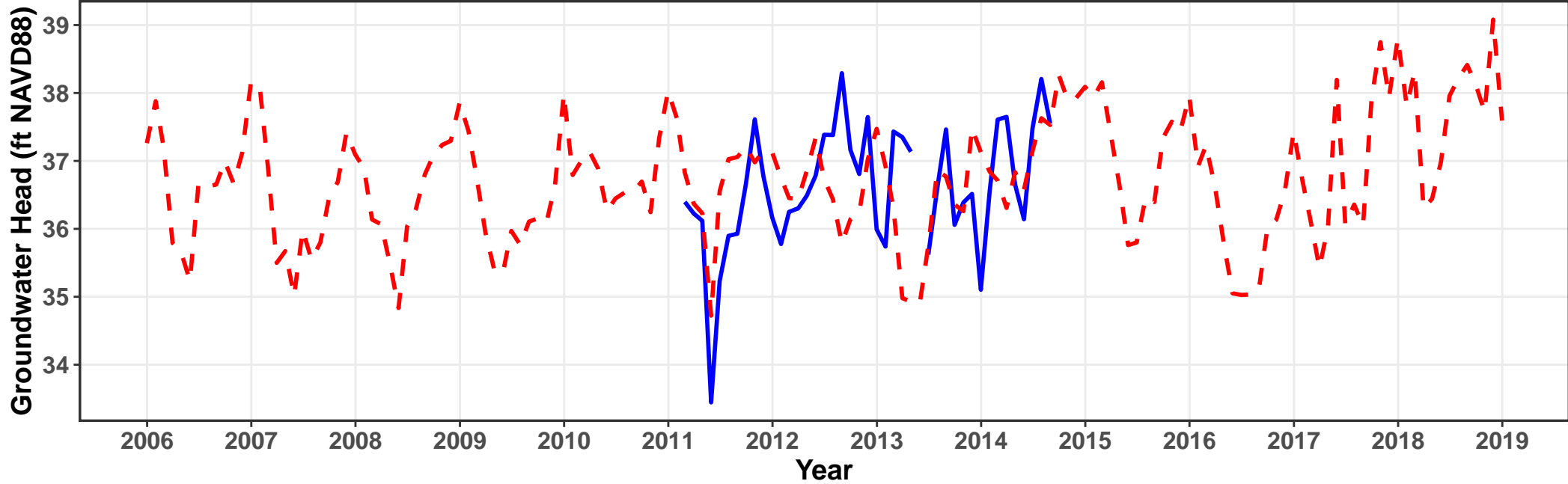




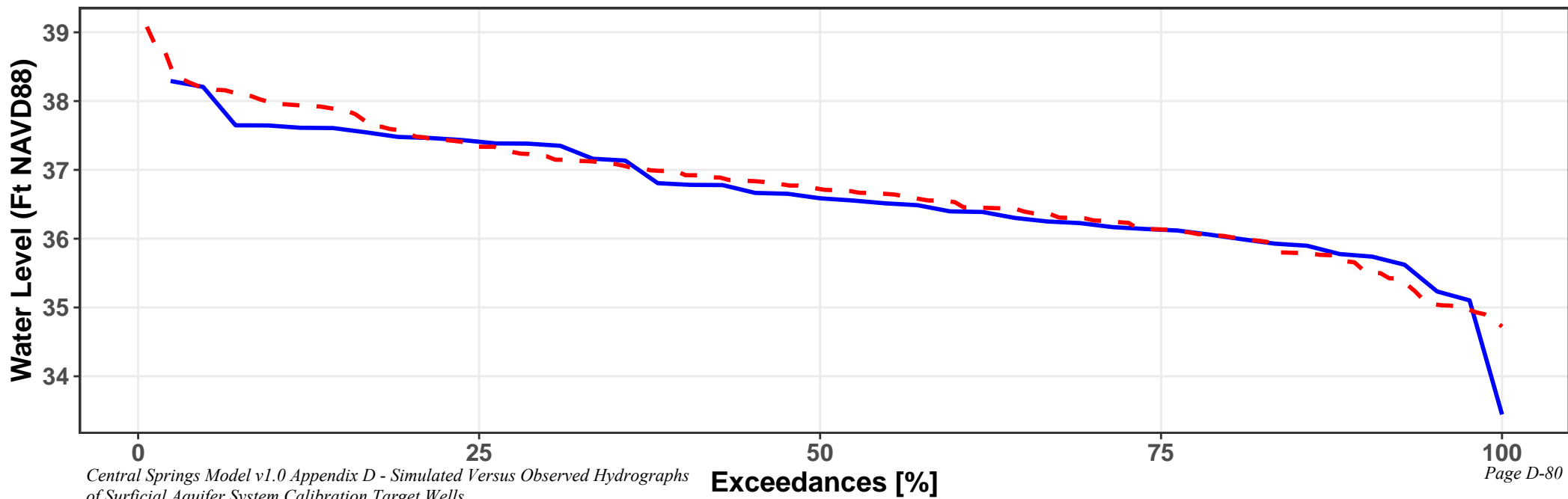
# M-0695 – SAS @ Ocklawaha T5

ME = 0 MAE = 0.8  $R^2 = 0.0348$  NSE = -0.253

— Observed — Simulated



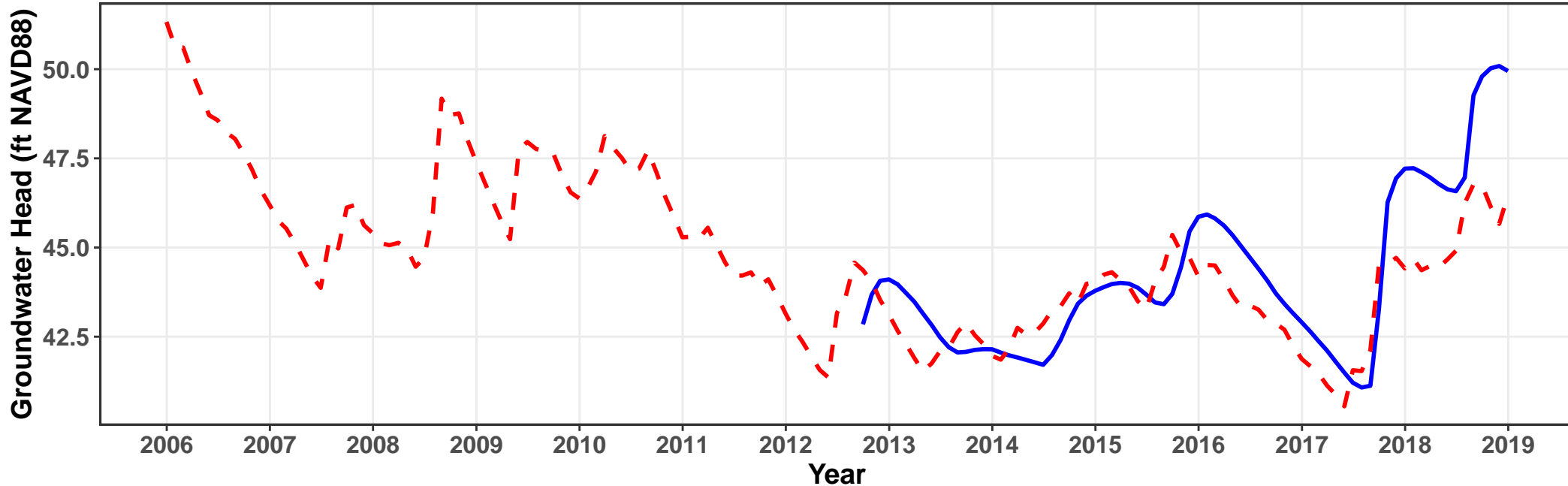
## Stage Duration Curve



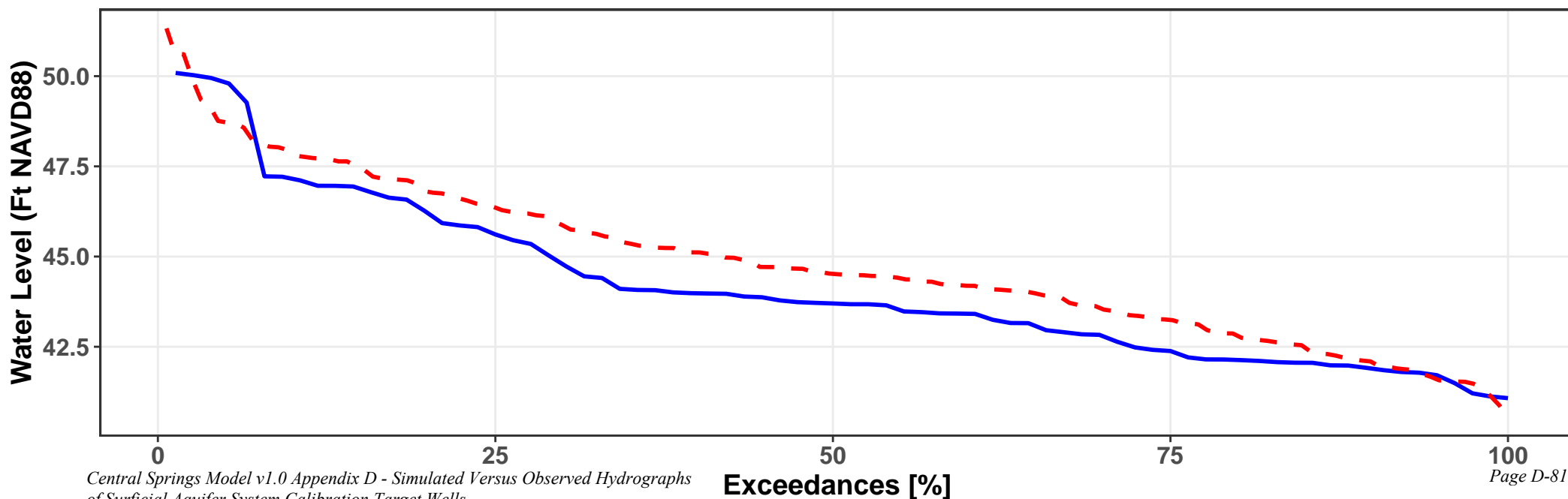
# M-0715 – SAS @ Ocala NF off FR09 S

ME = -0.7 MAE = 1.2  $R^2 = 0.6992$  NSE = 0.56

— Observed — Simulated



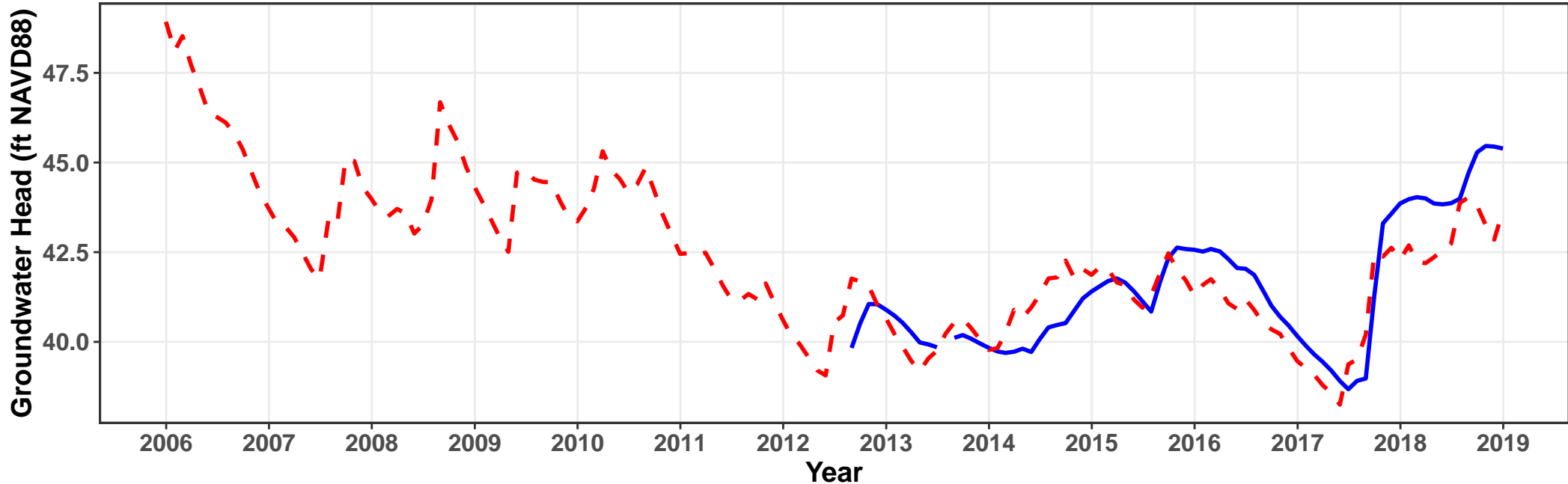
## Stage Duration Curve



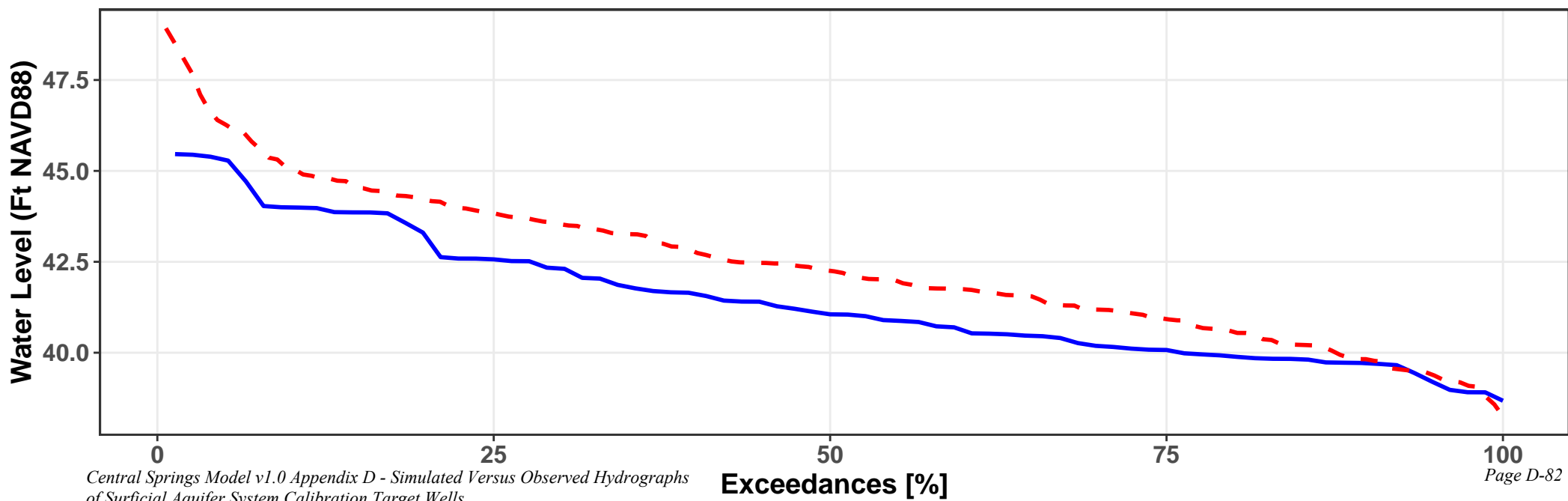
# M-0721 – SAS @ Ocala NF off FR5 S

ME = -0.3 MAE = 0.8  $R^2 = 0.701$  NSE = 0.671

— Observed — Simulated



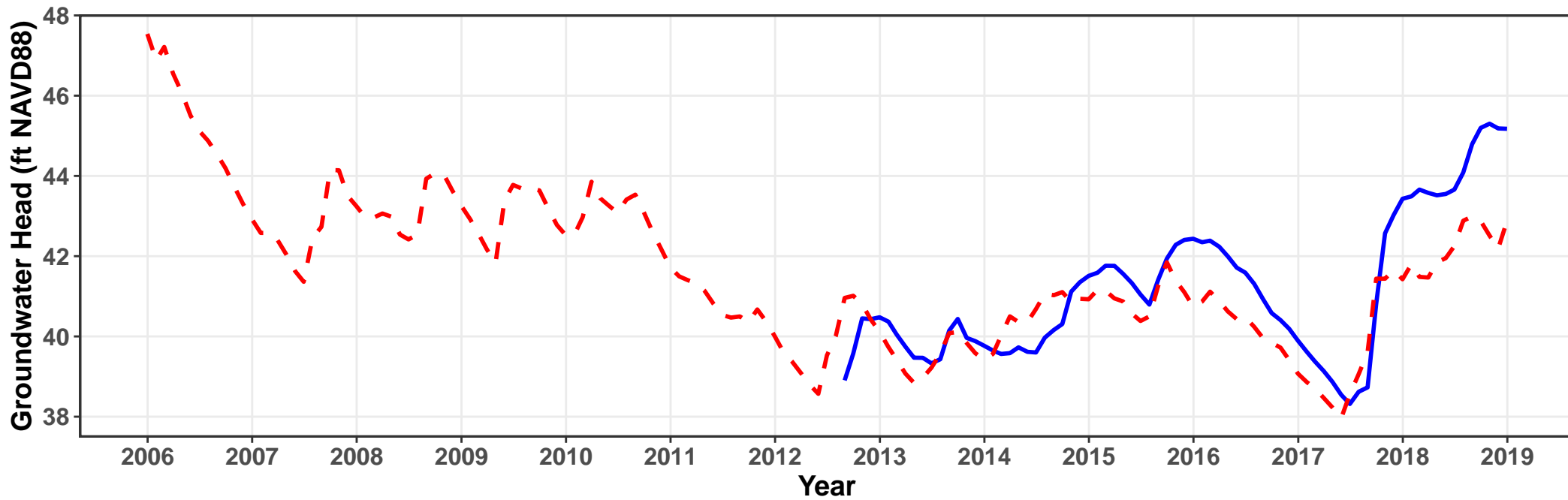
## Stage Duration Curve



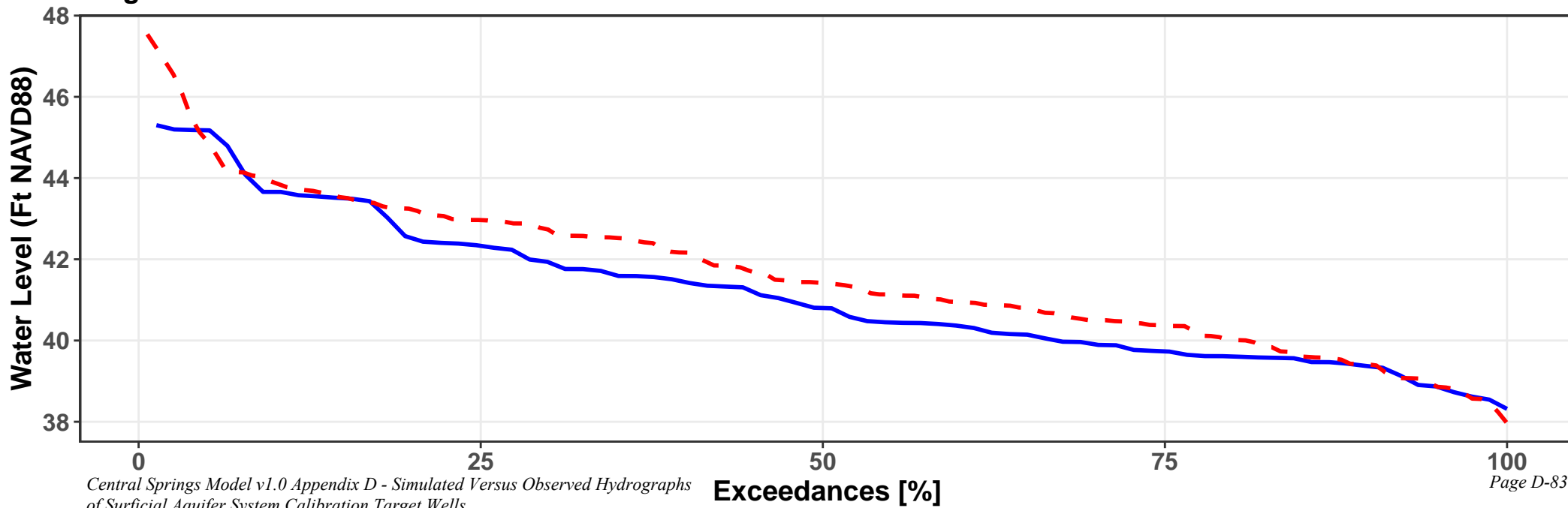
# M-0724 – SAS @ Ocala NF off FR5 N

ME = -0.6 MAE = 0.9  $R^2 = 0.7445$  NSE = 0.581

— Observed — Simulated



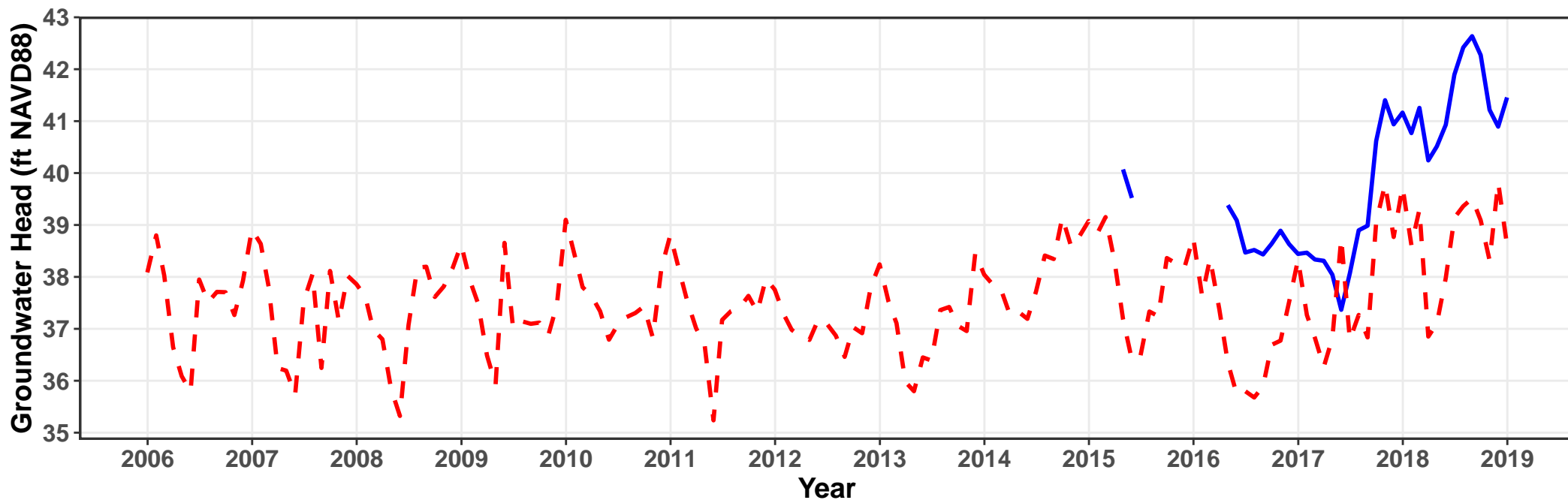
## Stage Duration Curve



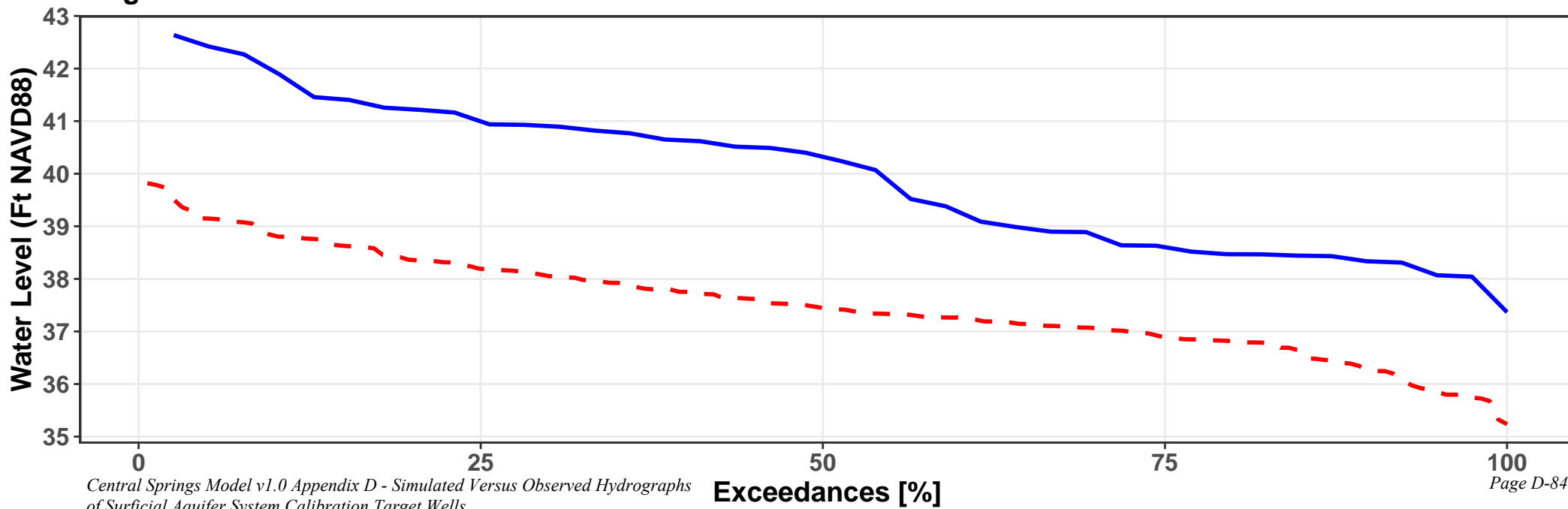
# M-0764 – SAS @ Sharpes Ferry

ME = -2.2 MAE = 2.2  $R^2 = 0.5393$  NSE = -1.894

— Observed — Simulated



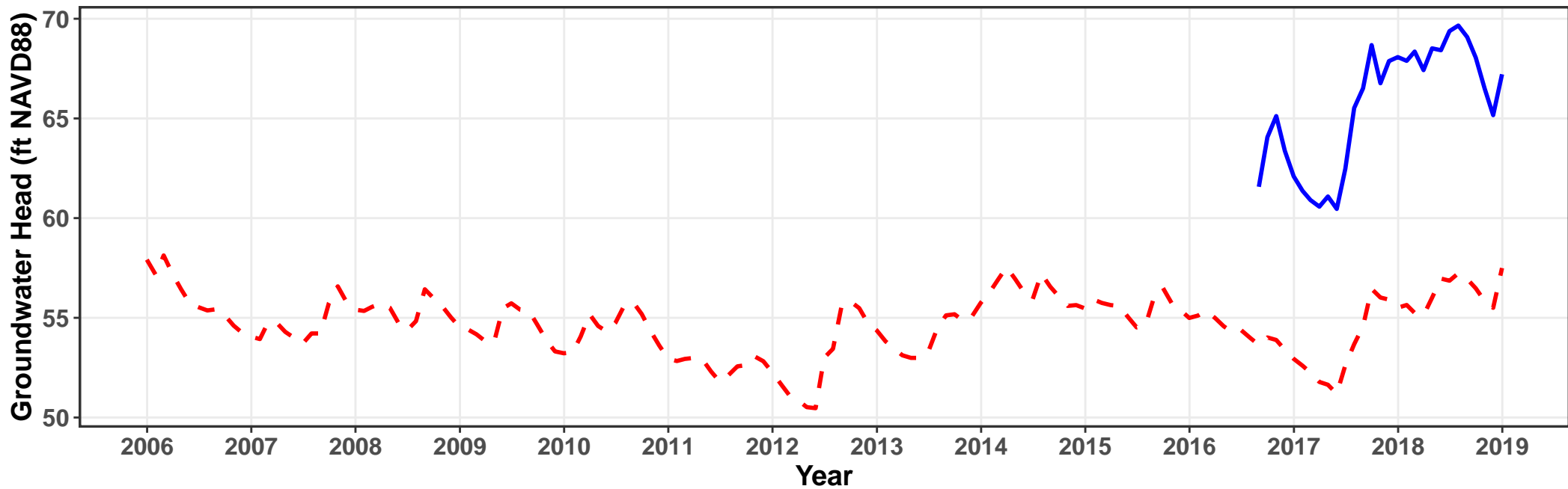
## Stage Duration Curve



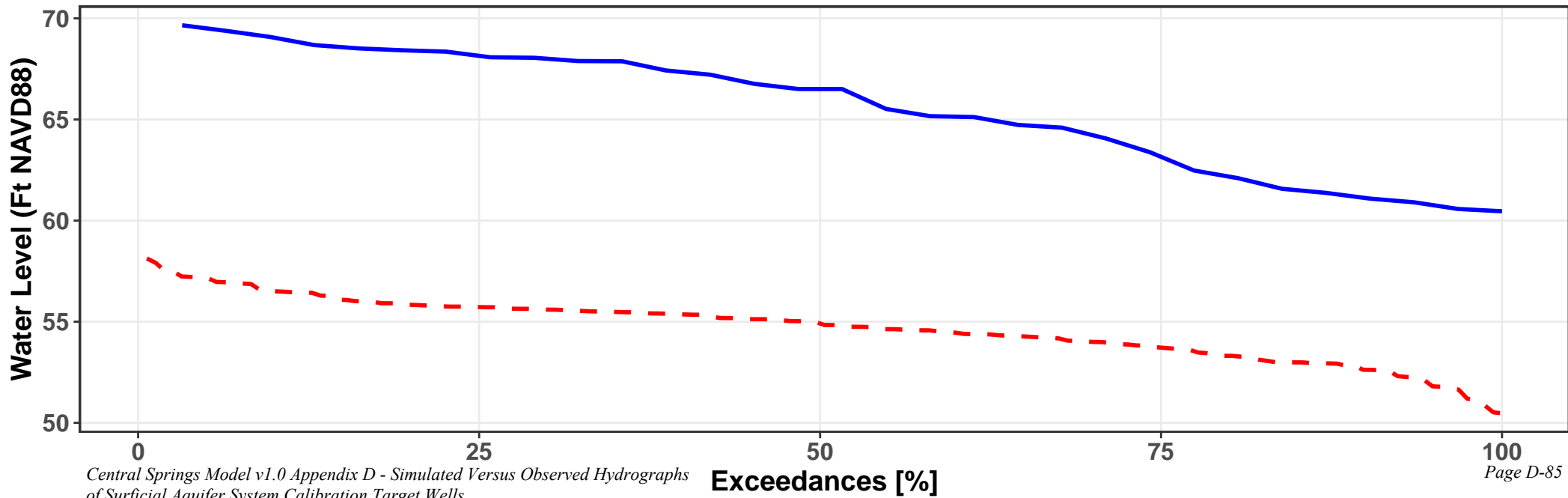
# M-0766 – SAS @ Citra Rch

ME = -10.8 MAE = 10.8  $R^2 = 0.8545$  NSE = -12.693

— Observed — Simulated



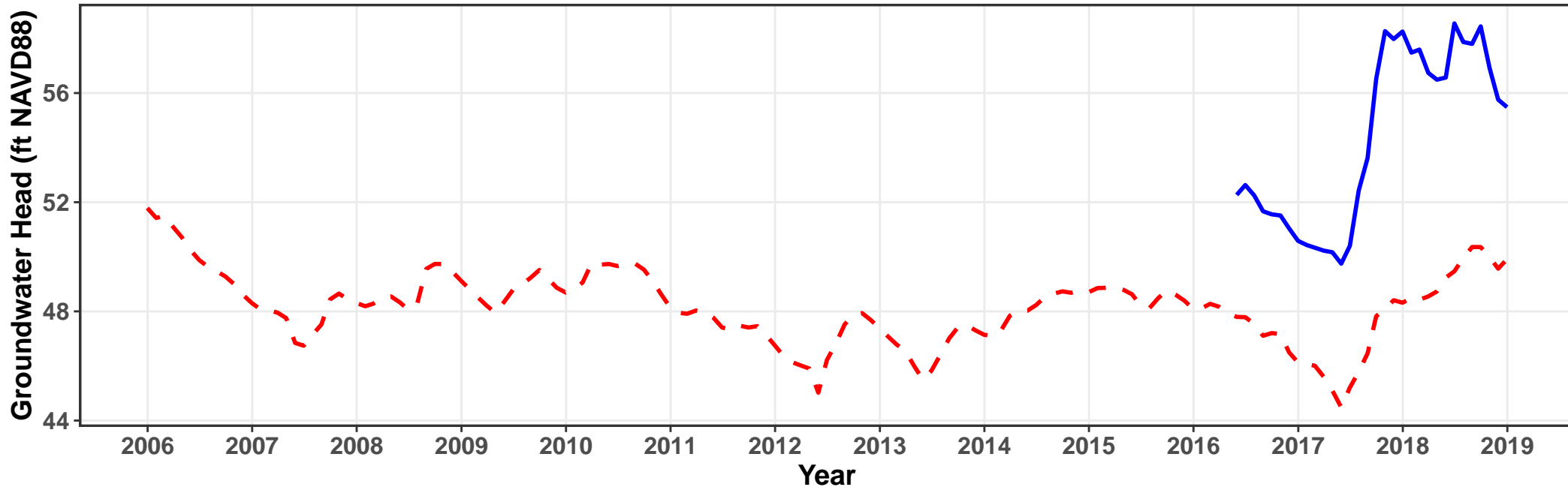
## Stage Duration Curve



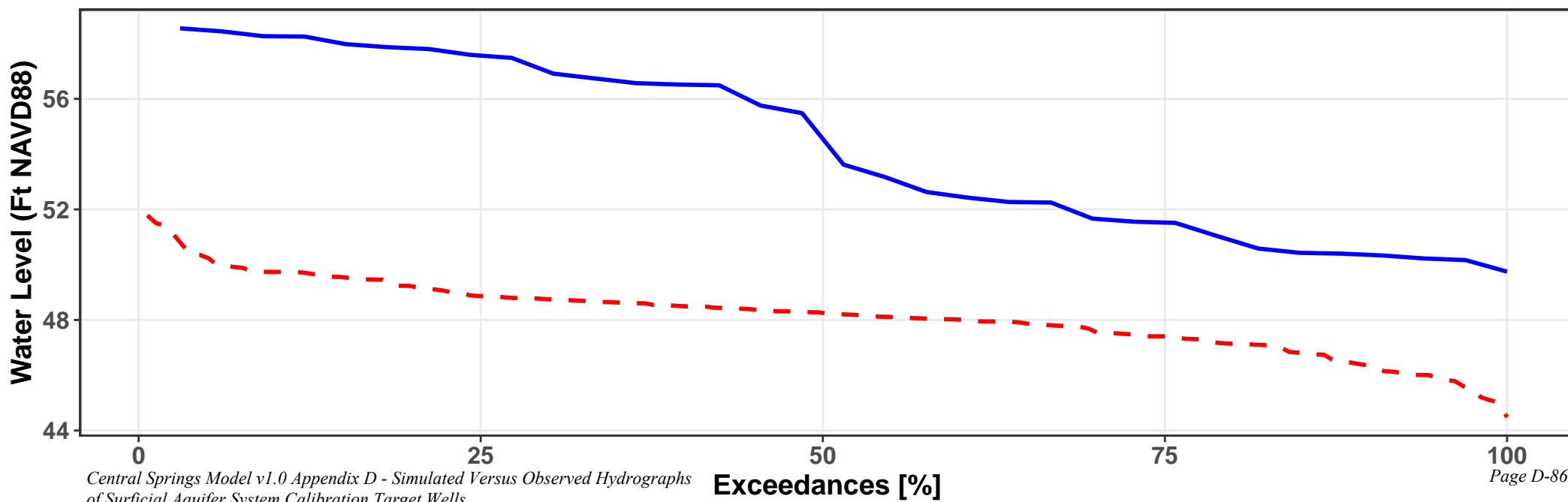
# M-0768 – SAS @ Tiger Den nr CR 464

ME = -6.5 MAE = 6.5  $R^2 = 0.7296$  NSE = -3.751

— Observed — Simulated



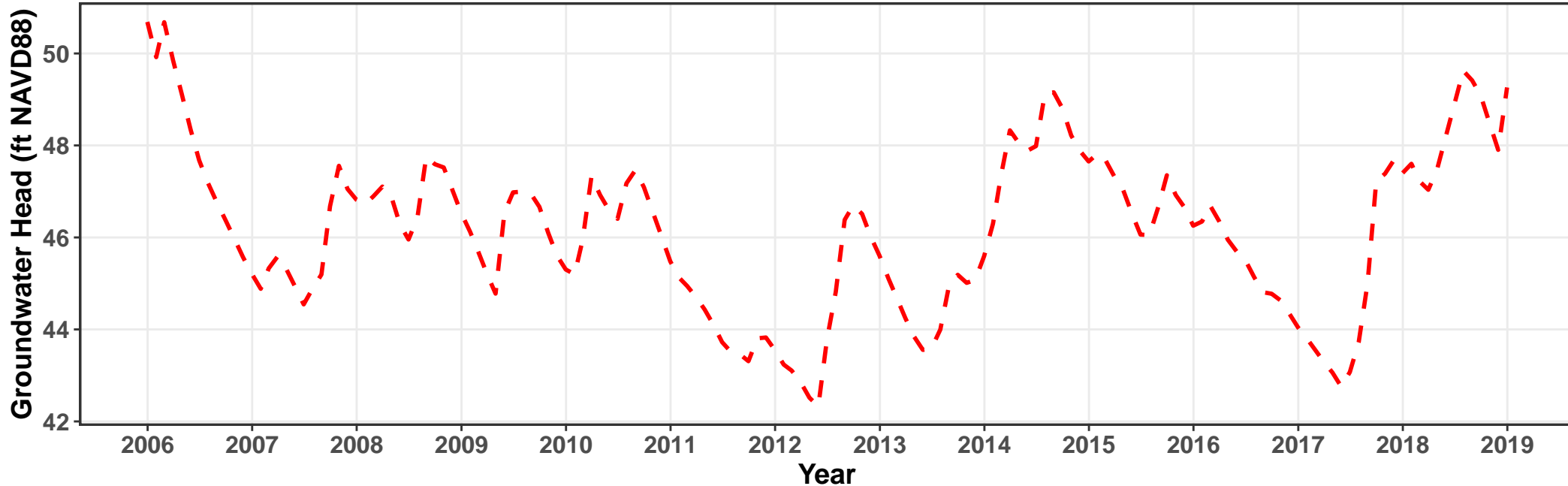
## Stage Duration Curve



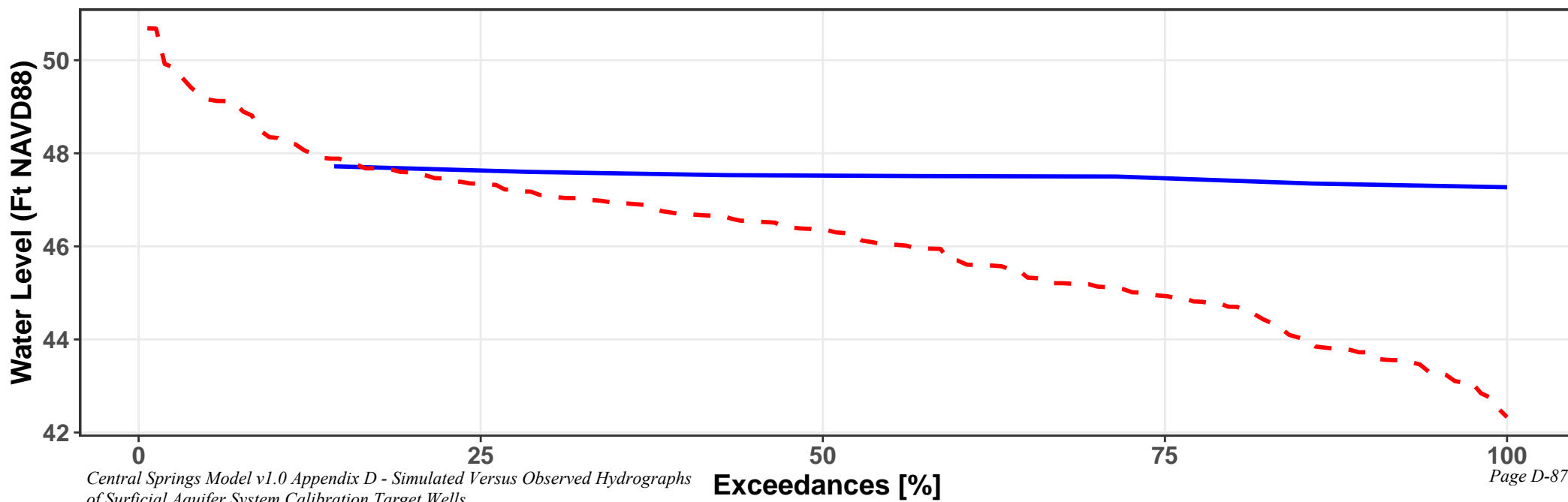
# M-0781 – SAS @ Burbank NE 97 PI

ME = -1 MAE = 1.1  $R^2 = 0.0555$  NSE = -83.981

— Observed — Simulated



## Stage Duration Curve

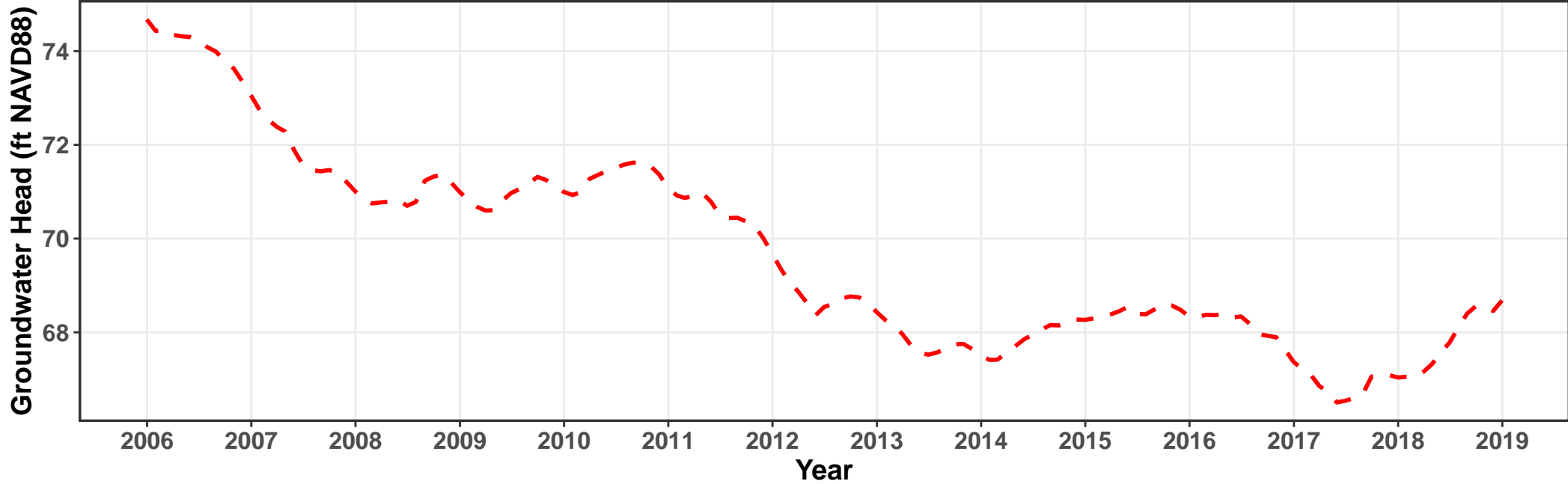




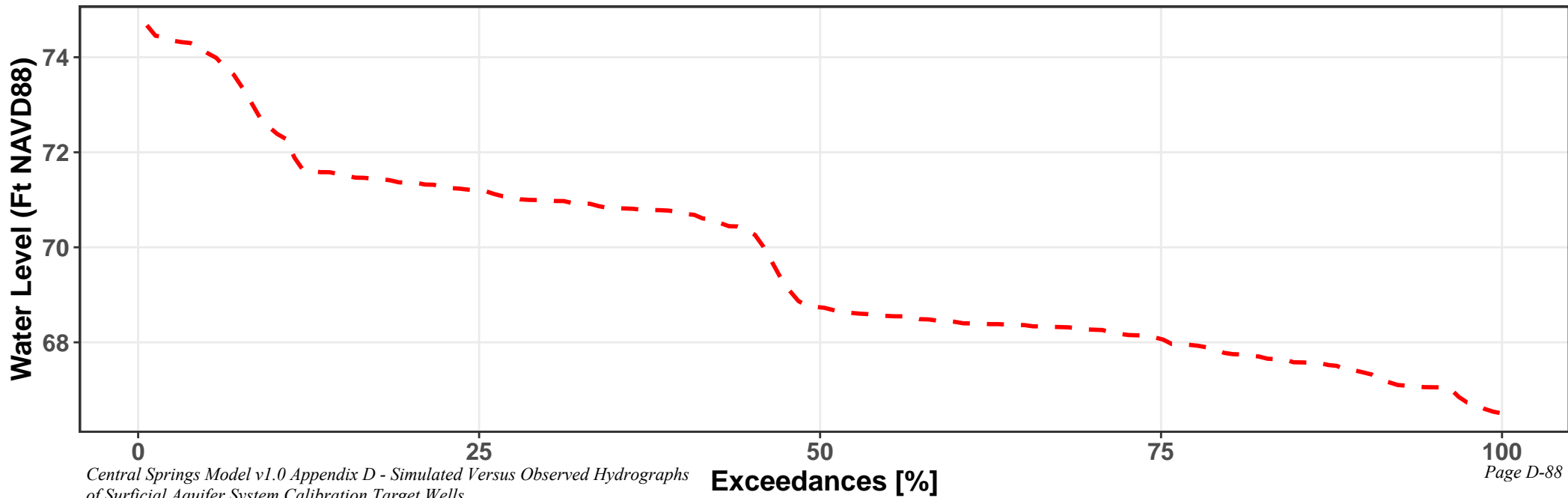
# M-0787 – SAS @ Evans Hstd Weirsdale

ME = -0 MAE = 0  $R^2 =$  NSE = -Inf

— Observed — Simulated



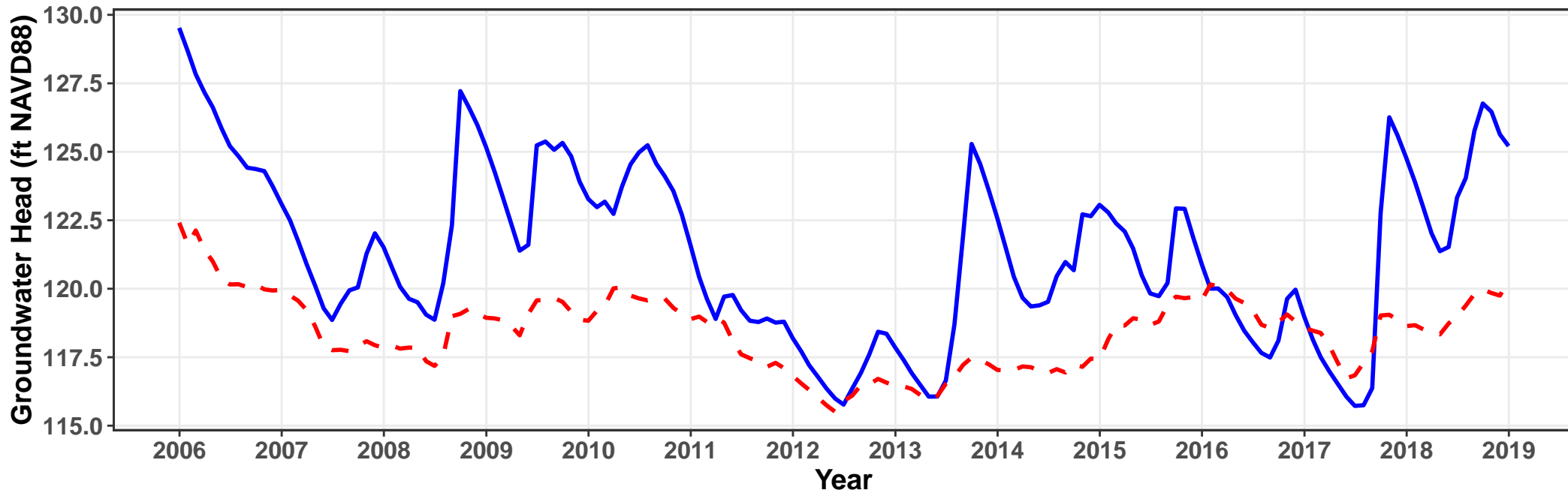
## Stage Duration Curve



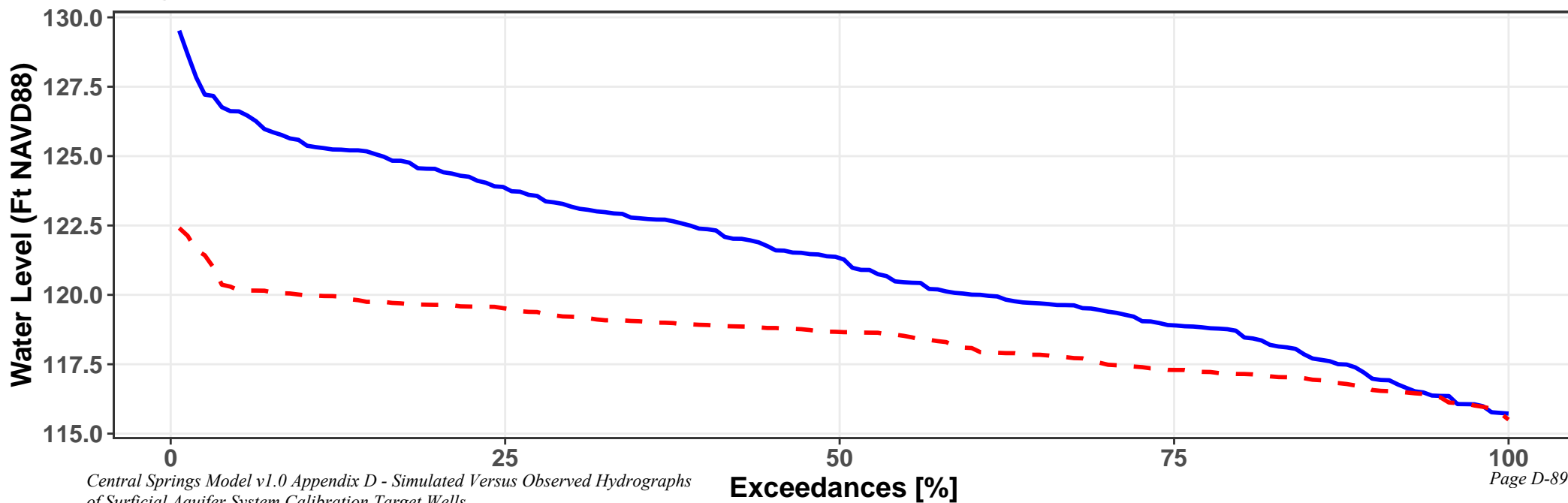
# OR0107 – SAS @ Plymouth Twr

ME = -2.9 MAE = 3.1  $R^2 = 0.561$  NSE = -0.375

— Observed — Simulated



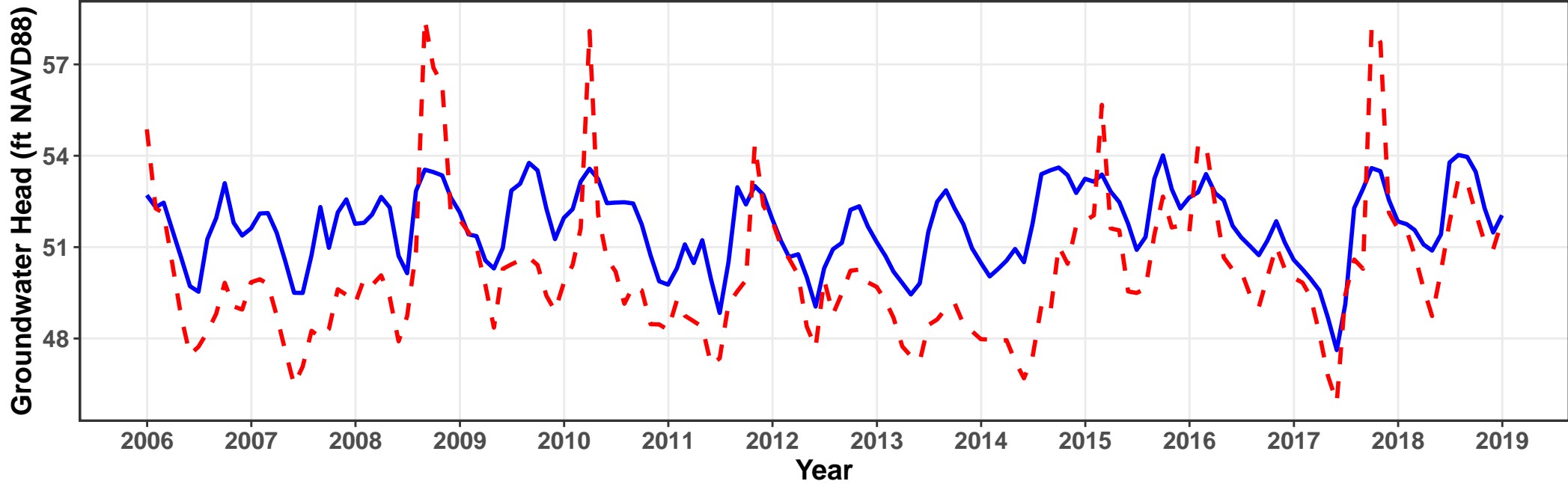
## Stage Duration Curve



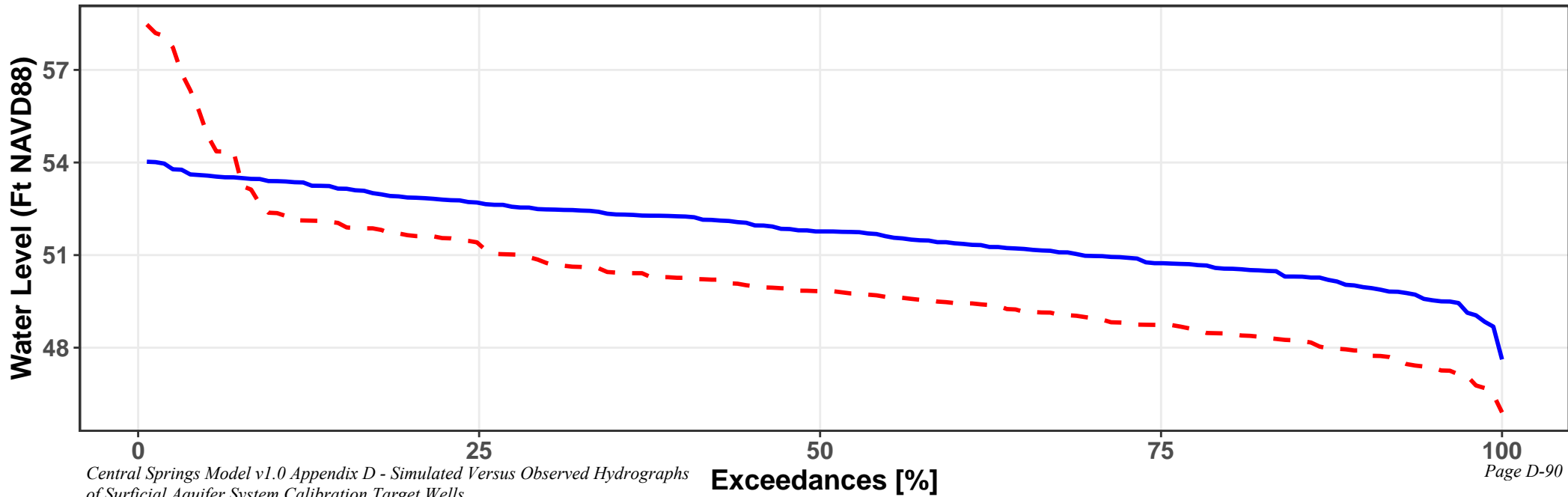
# OR0648 – SAS @ Long Brch

ME = -1.5 MAE = 1.9  $R^2 = 0.5033$  NSE = -2.022

— Observed — Simulated



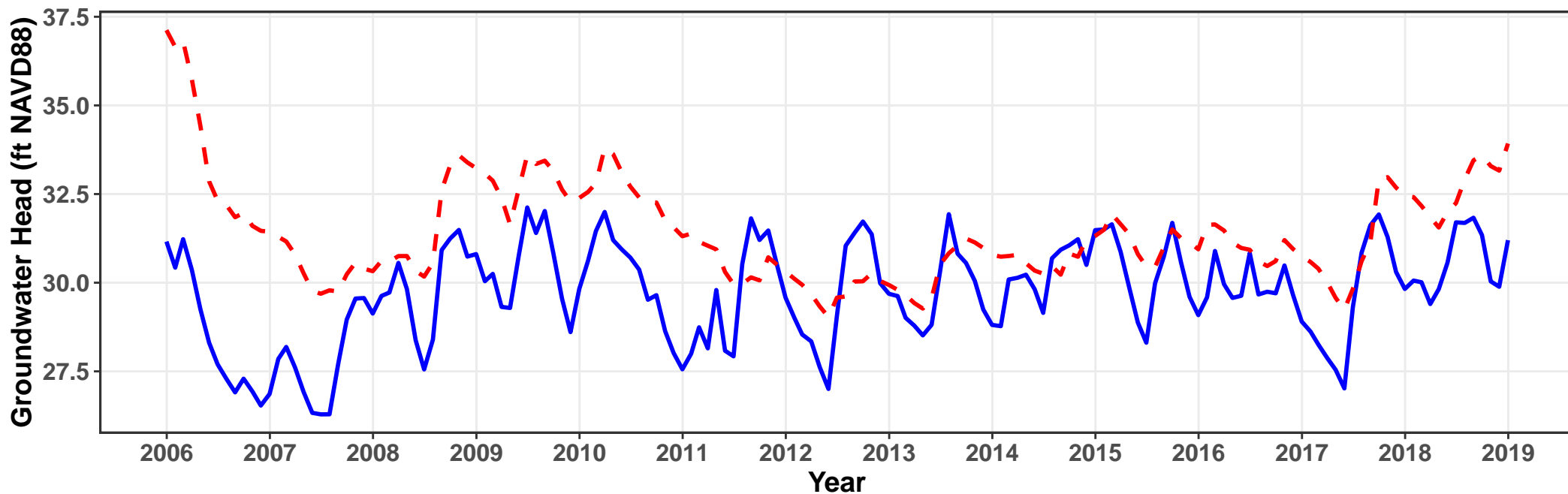
## Stage Duration Curve



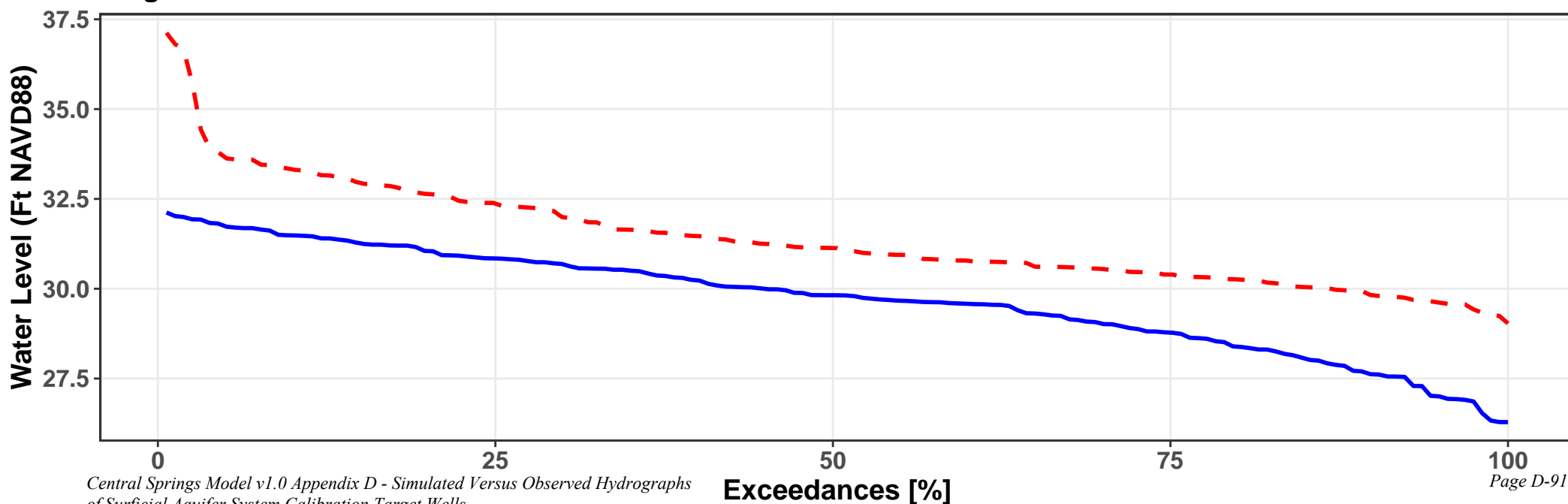
# OR0650 – SAS @ Rock Spg Wells

ME = 1.7 MAE = 1.9  $R^2 = 0.1742$  NSE = -1.632

— Observed — Simulated



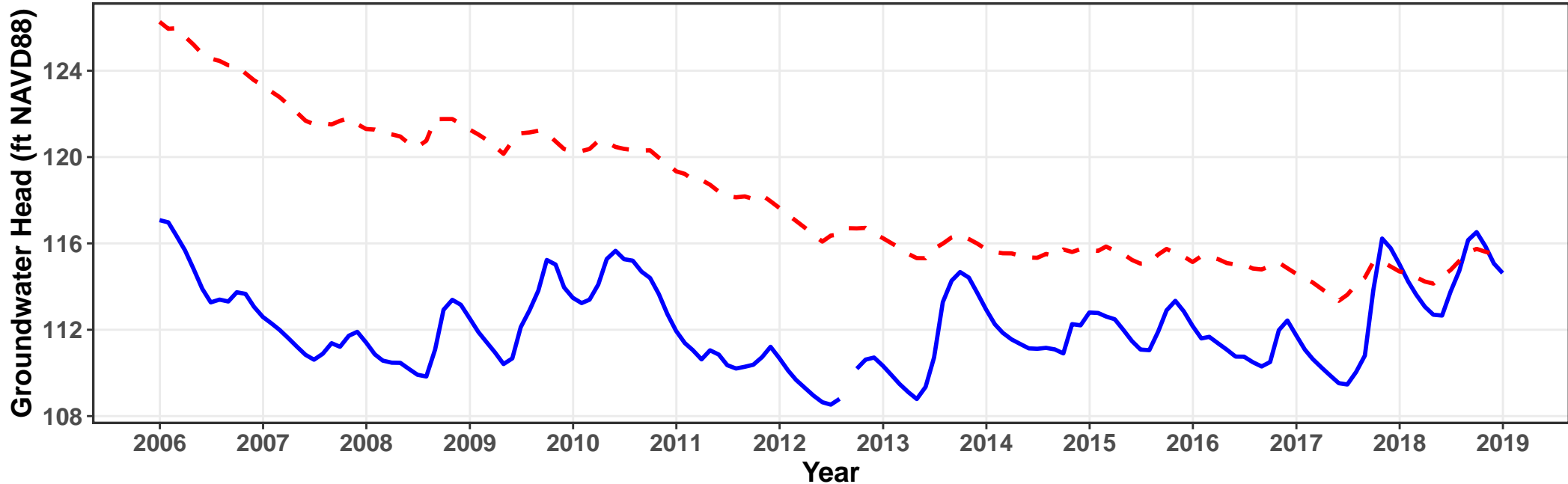
## Stage Duration Curve



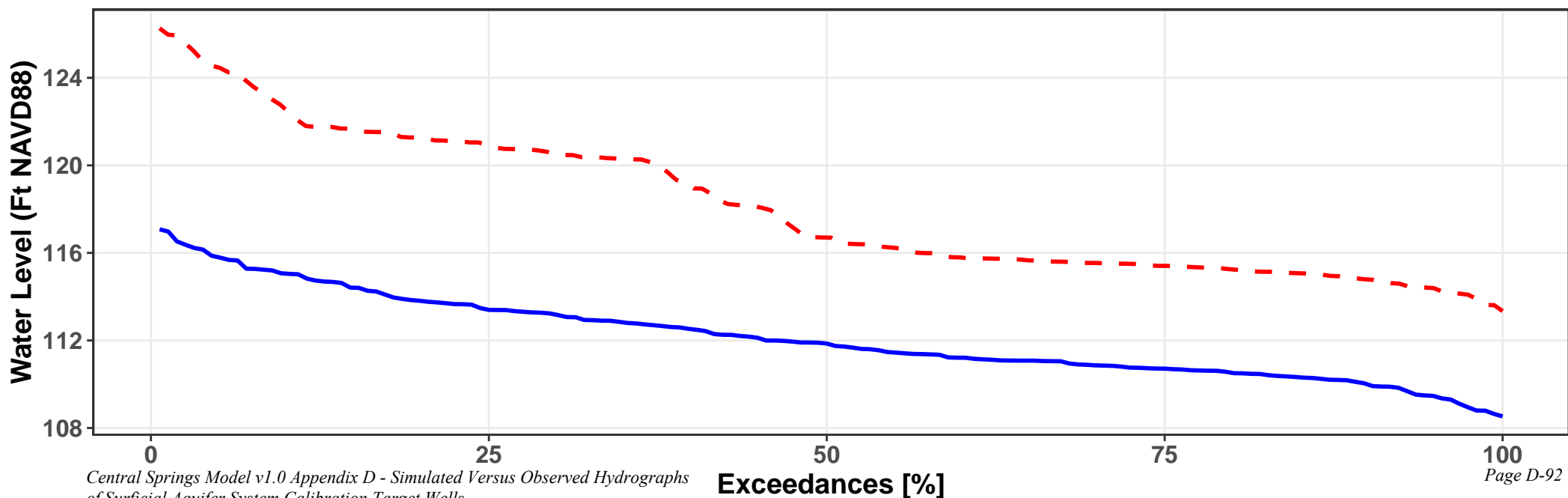
# OR0661 – SAS @ Crate Mill

ME = 6 MAE = 6  $R^2 = 0.0866$  NSE = -11.581

— Observed — Simulated



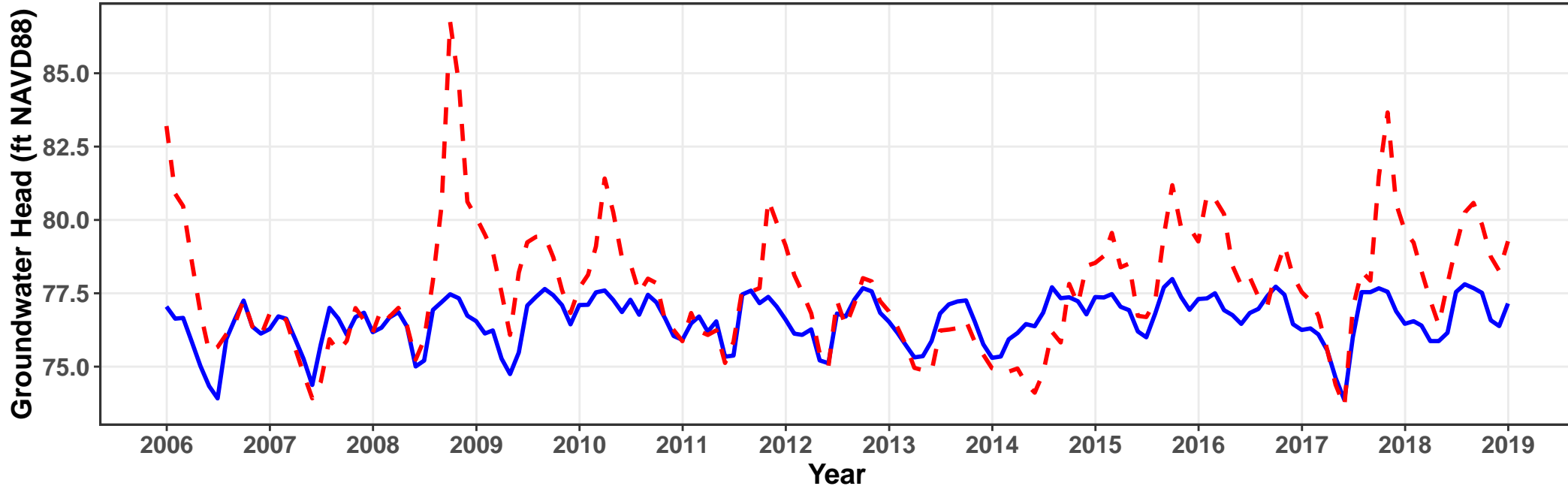
## Stage Duration Curve



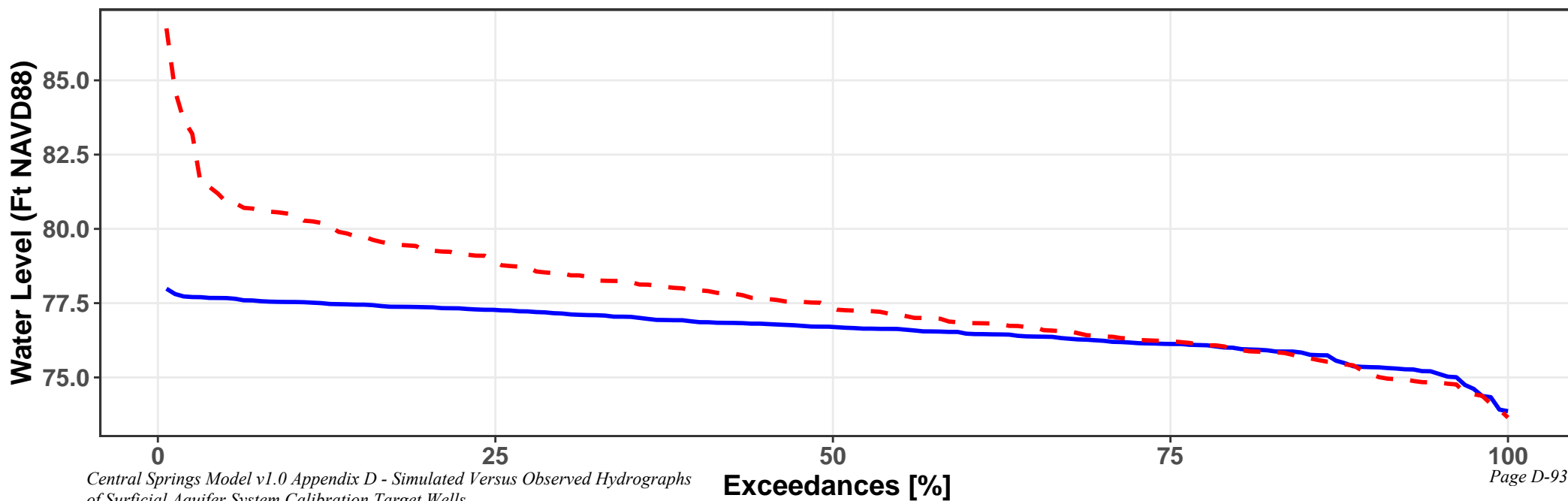
# OR0665 – SAS @ Alafaya Trl WTP

ME = 1.1 MAE = 1.4  $R^2 = 0.3875$  NSE = -4.859

— Observed — Simulated



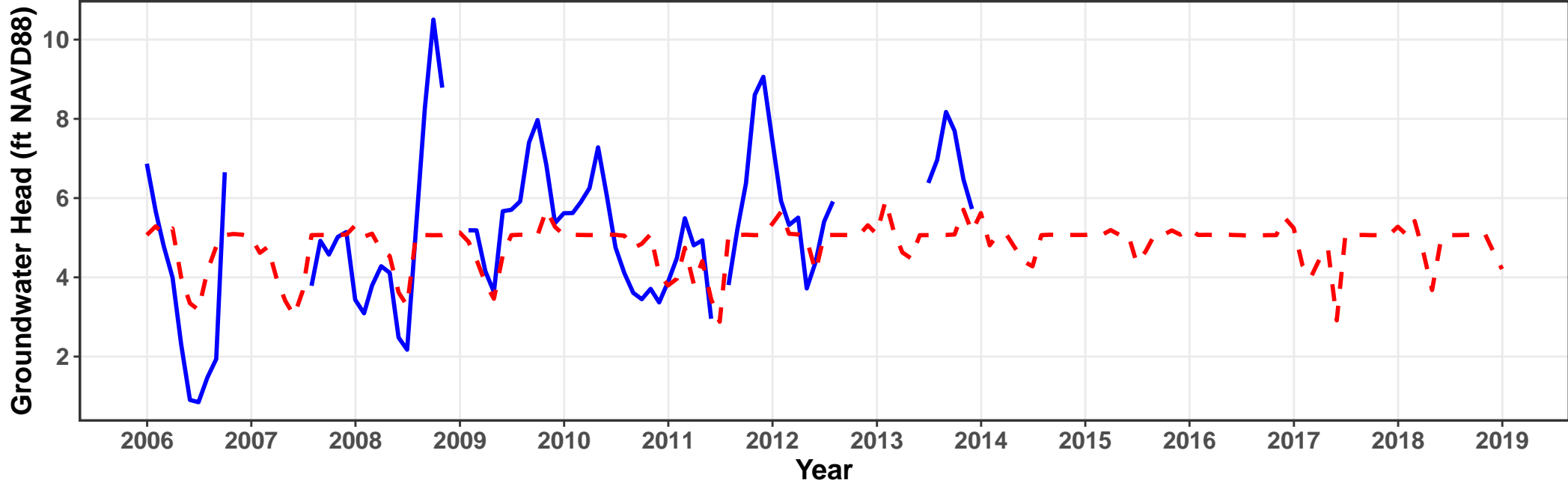
## Stage Duration Curve



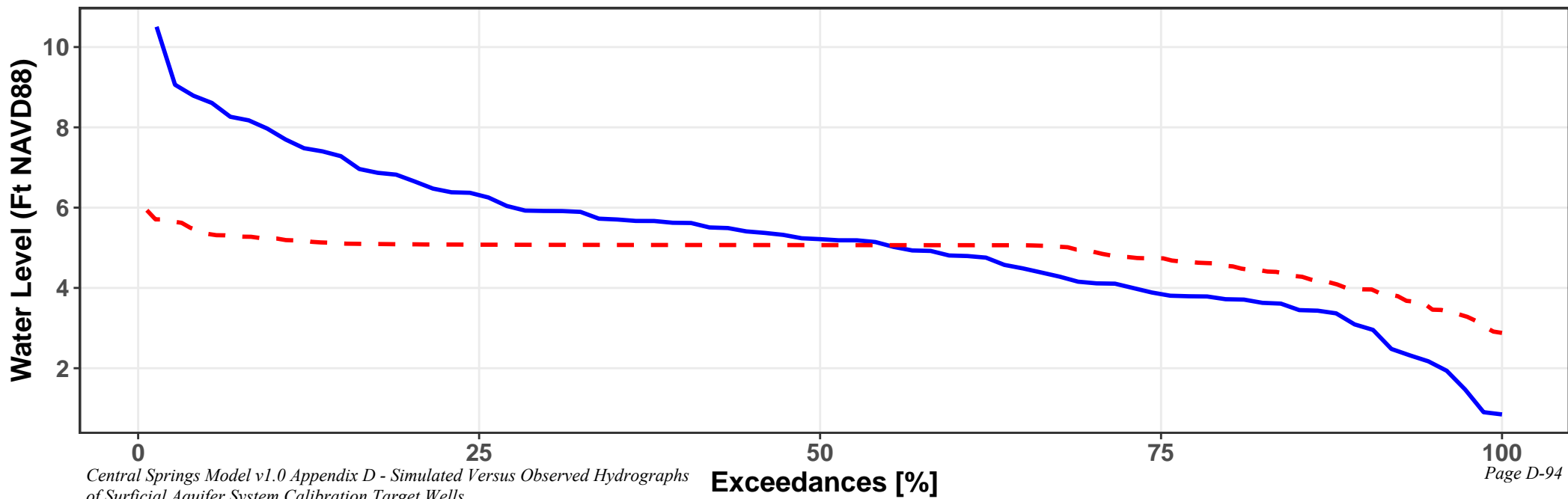
# OR0830 – SAS @ Tosohatchee Wells

ME = -0.4 MAE = 1.2  $R^2 = 0.3678$  NSE = 0.239

— Observed — Simulated



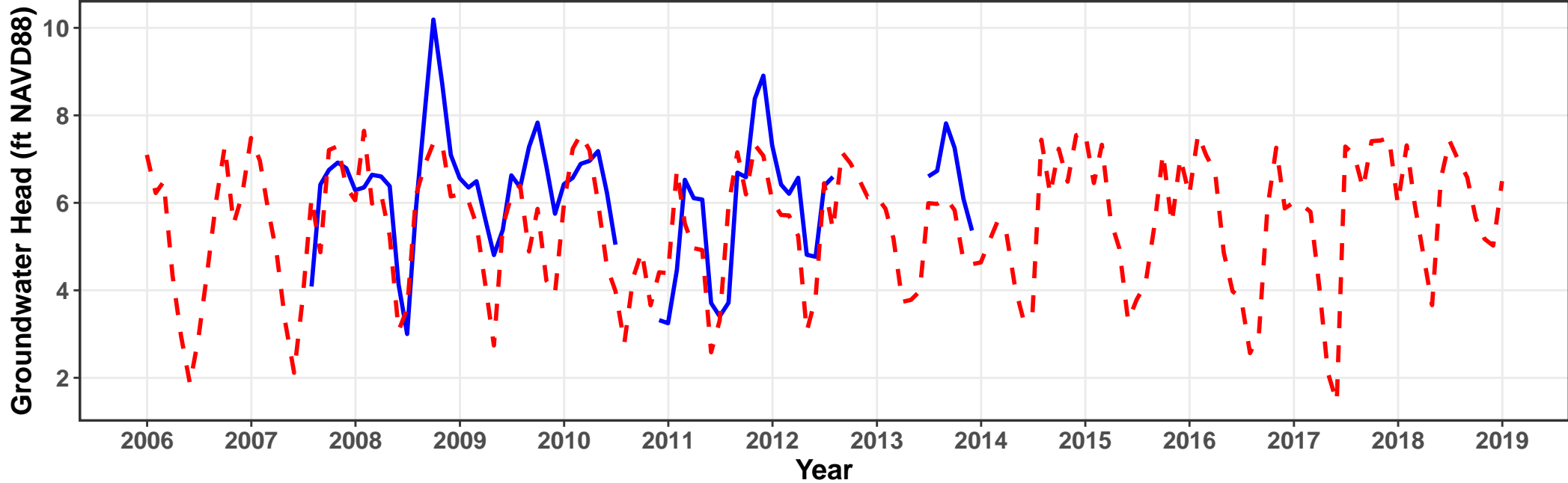
## Stage Duration Curve



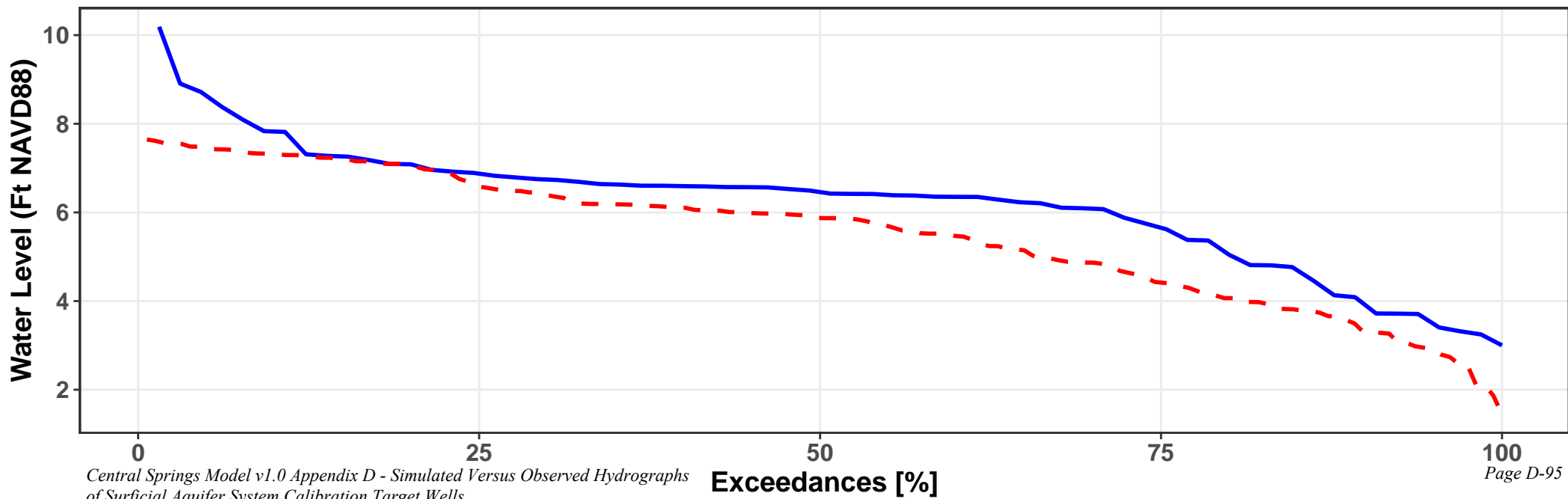
# OR0831 – SAS @ Tosohatchee Wells

ME = -0.6 MAE = 1  $R^2 = 0.4646$  NSE = 0.232

— Observed — Simulated



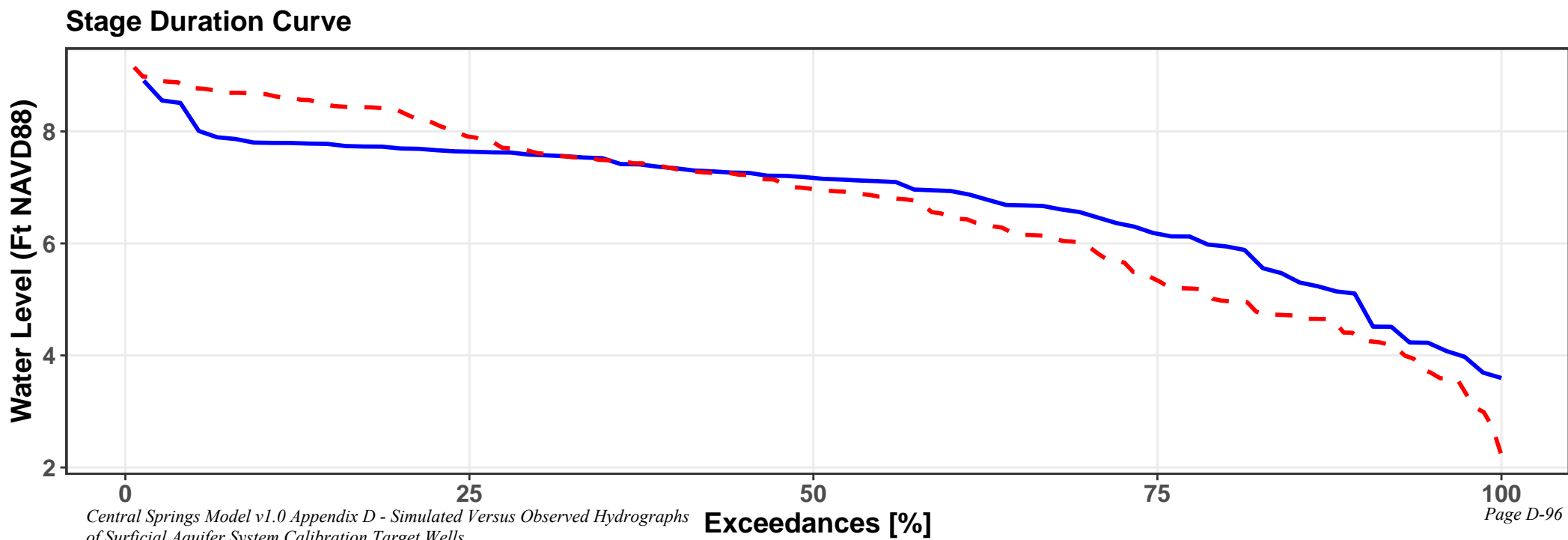
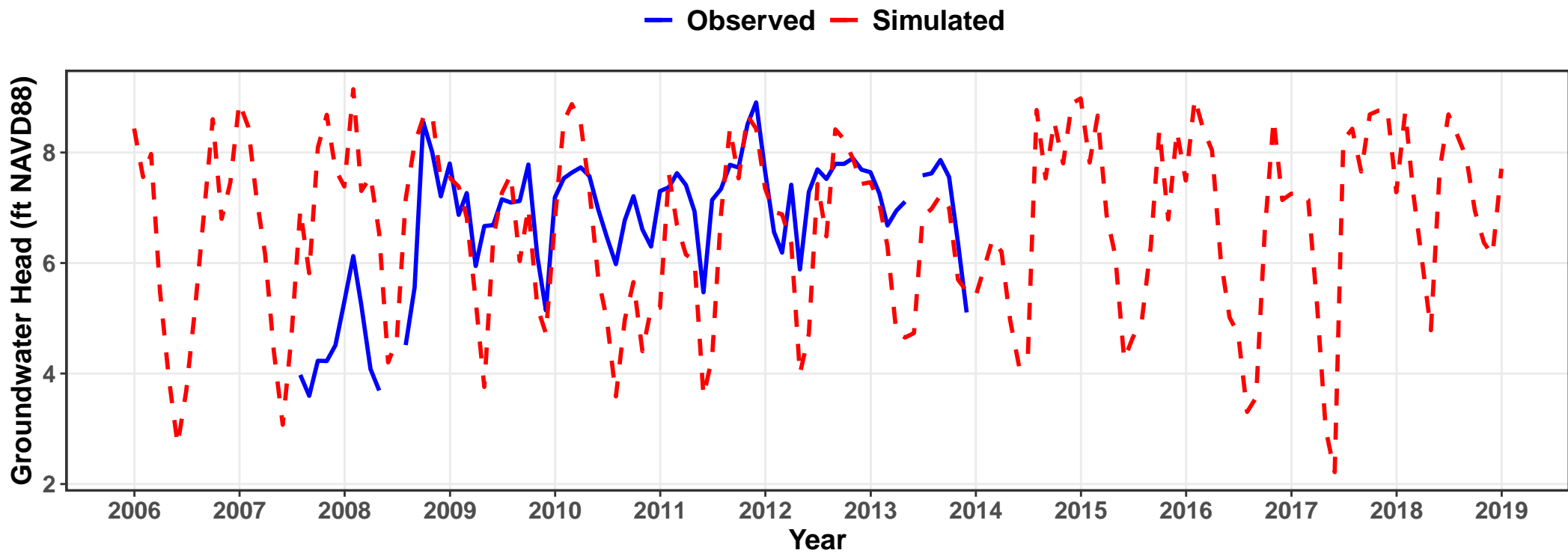
## Stage Duration Curve





# OR0832 – SAS @ Tosohatchee Wells

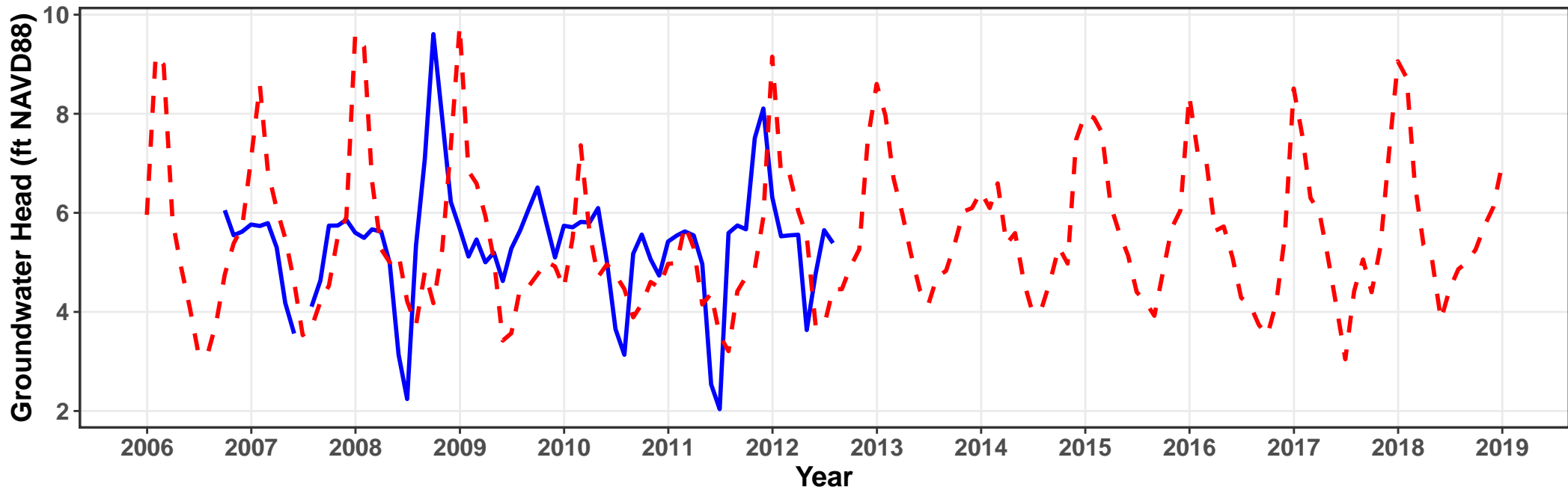
ME = -0 MAE = 1.2  $R^2 = 0.057$  NSE = -0.79



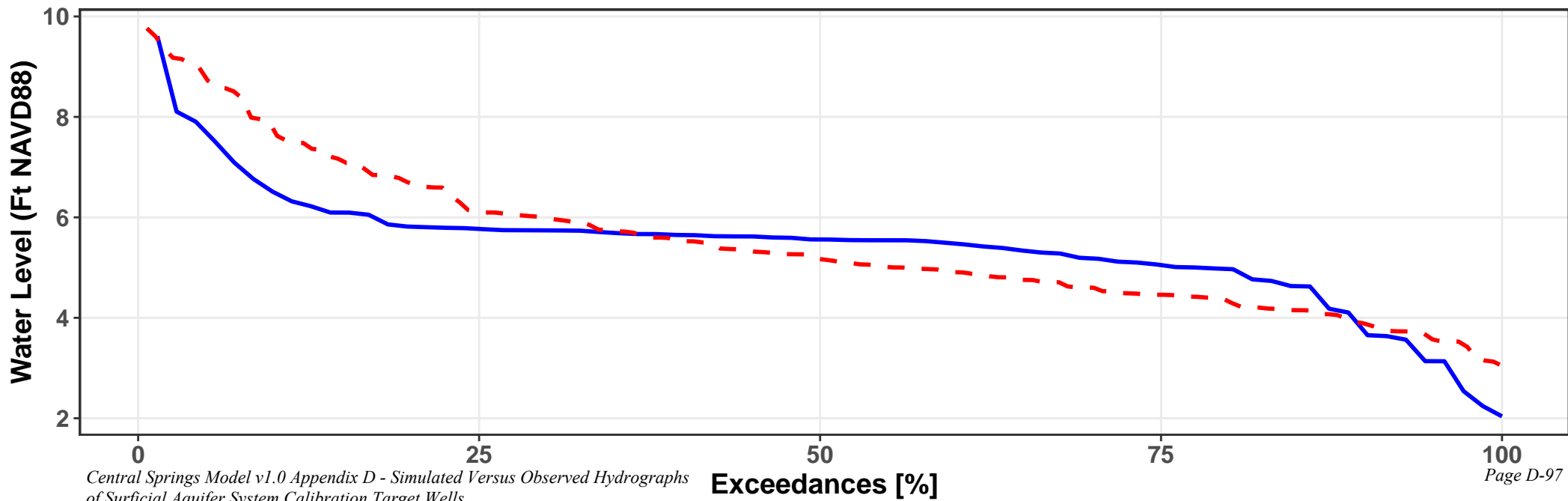
# OR0833 – SAS @ Cone Lk

ME = -0 MAE = 1.3  $R^2 = 0.0482$  NSE = -0.933

— Observed - - Simulated



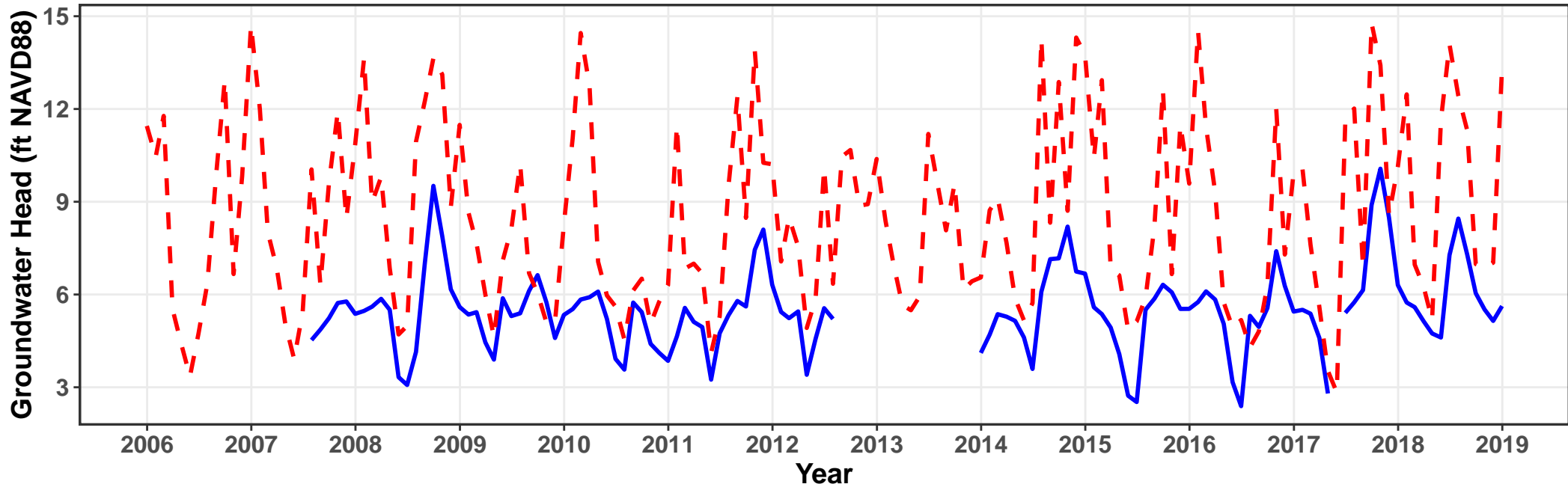
## Stage Duration Curve



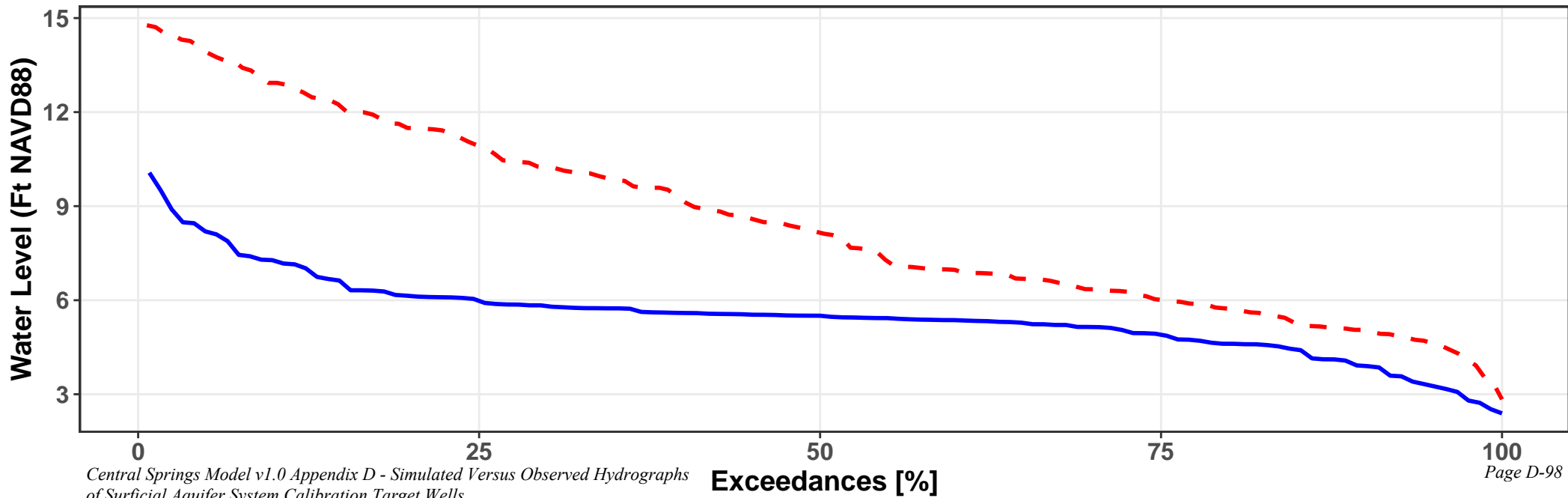
# OR0834 – SAS @ Cone Lk

ME = 3.2 MAE = 3.2  $R^2 = 0.4033$  NSE = -8.002

— Observed — Simulated



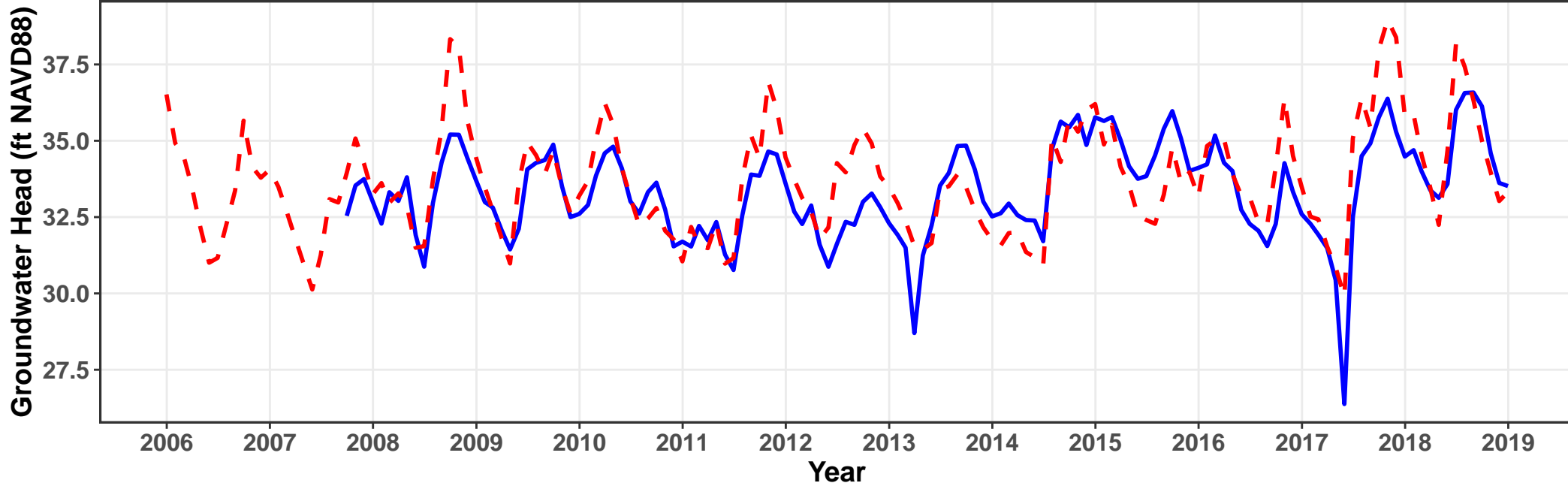
## Stage Duration Curve



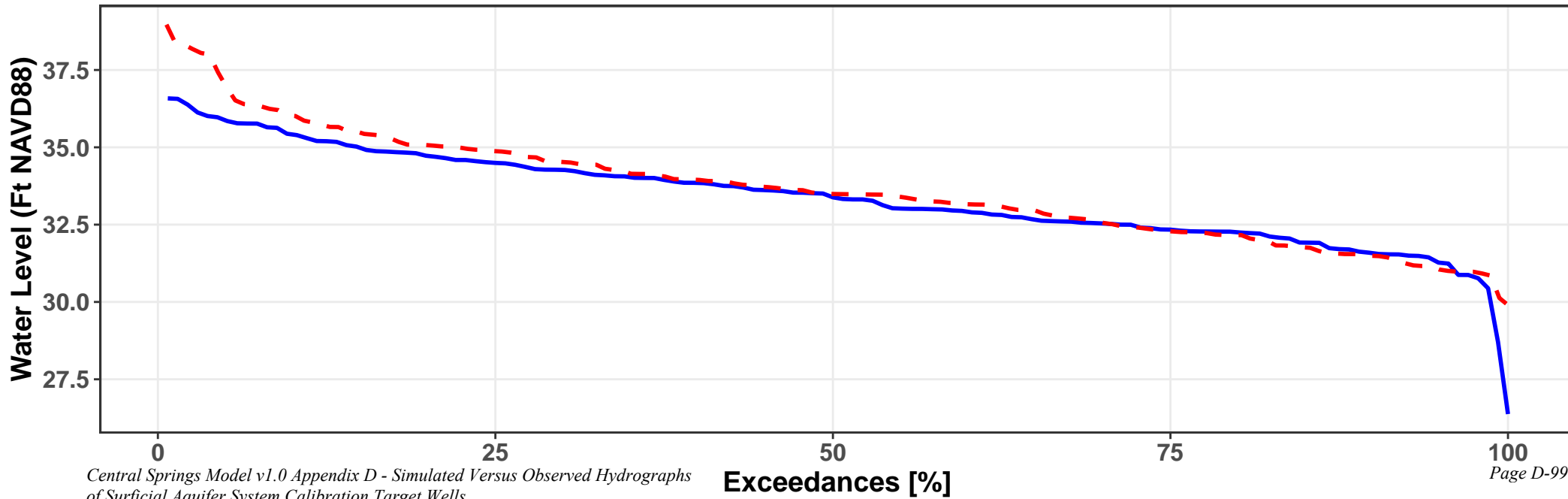
# OR0884 – SAS @ Tosohatchee Reserve

ME = 0.4 MAE = 1  $R^2 = 0.5959$  NSE = 0.391

— Observed — Simulated



## Stage Duration Curve

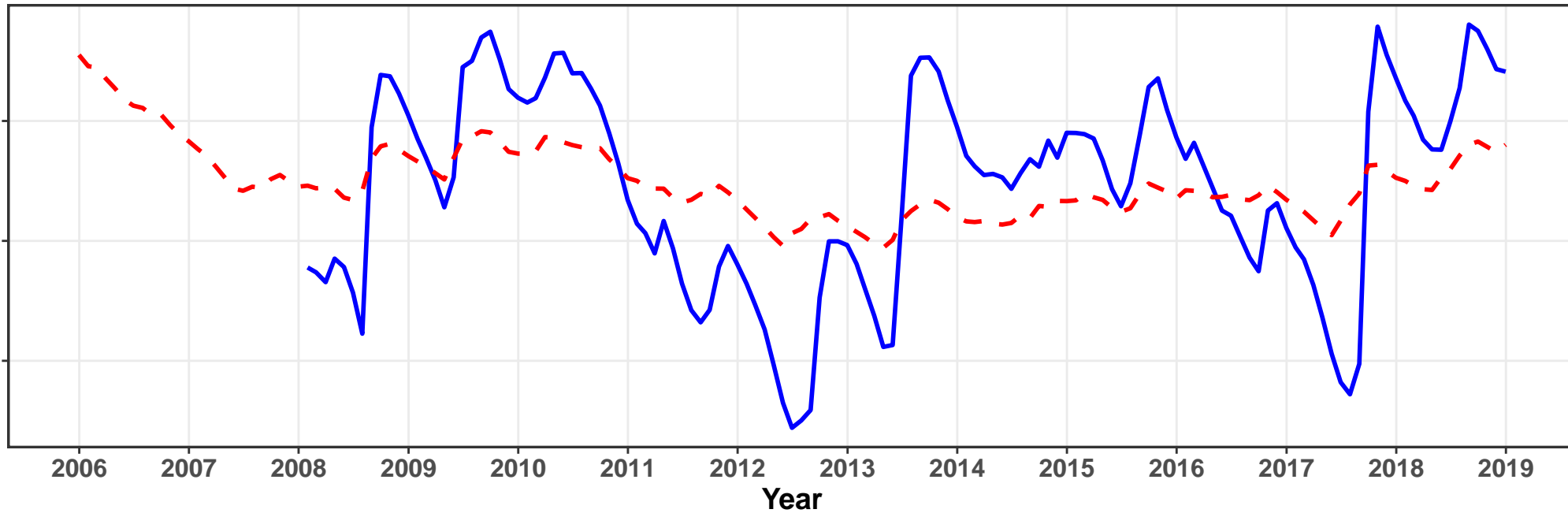


# OR0894 – SAS @ Prevatt Lk

ME = -0.2 MAE = 2.9  $R^2 = 0.5109$  NSE = 0.328

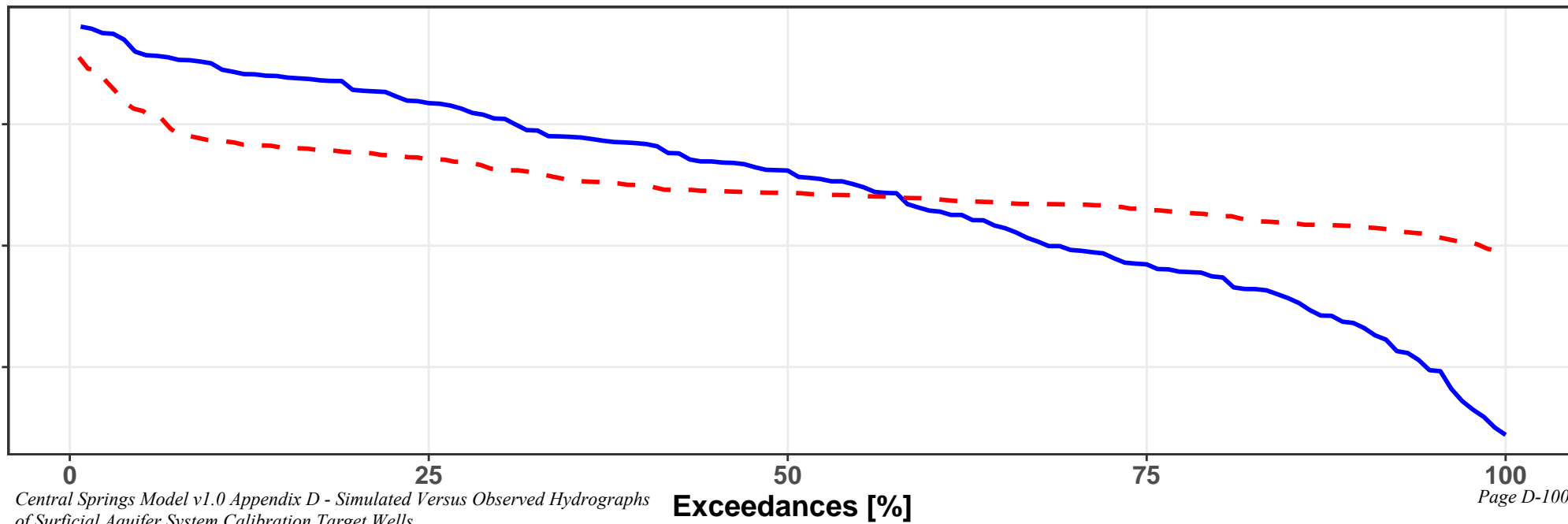
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

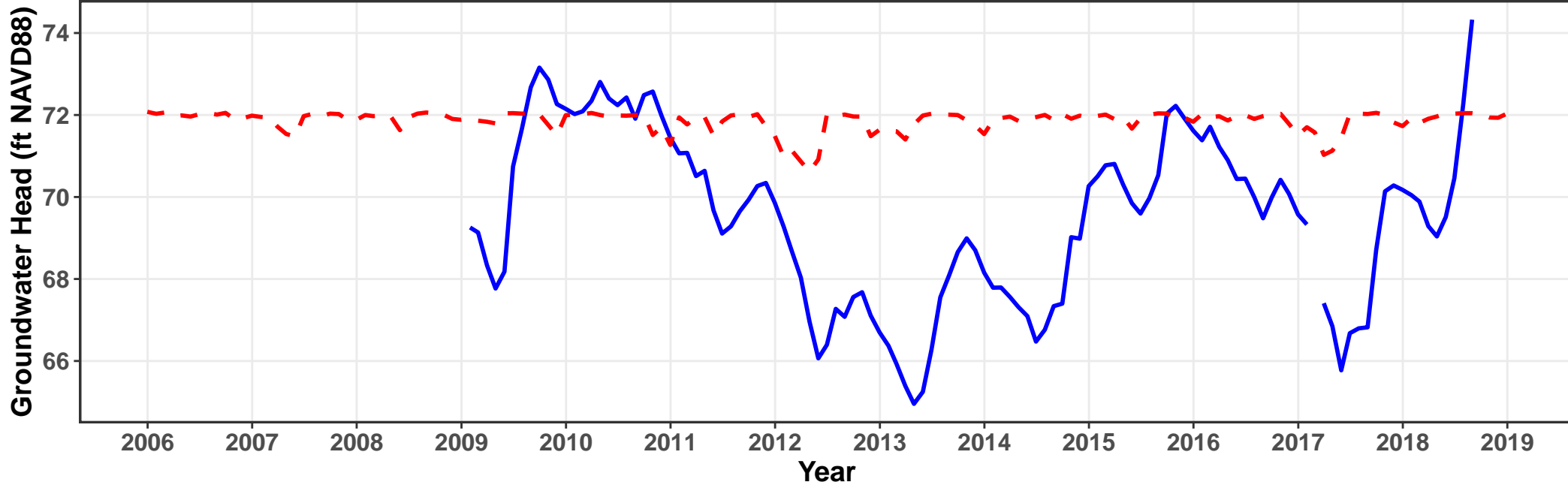
Water Level (Ft NAVD88)



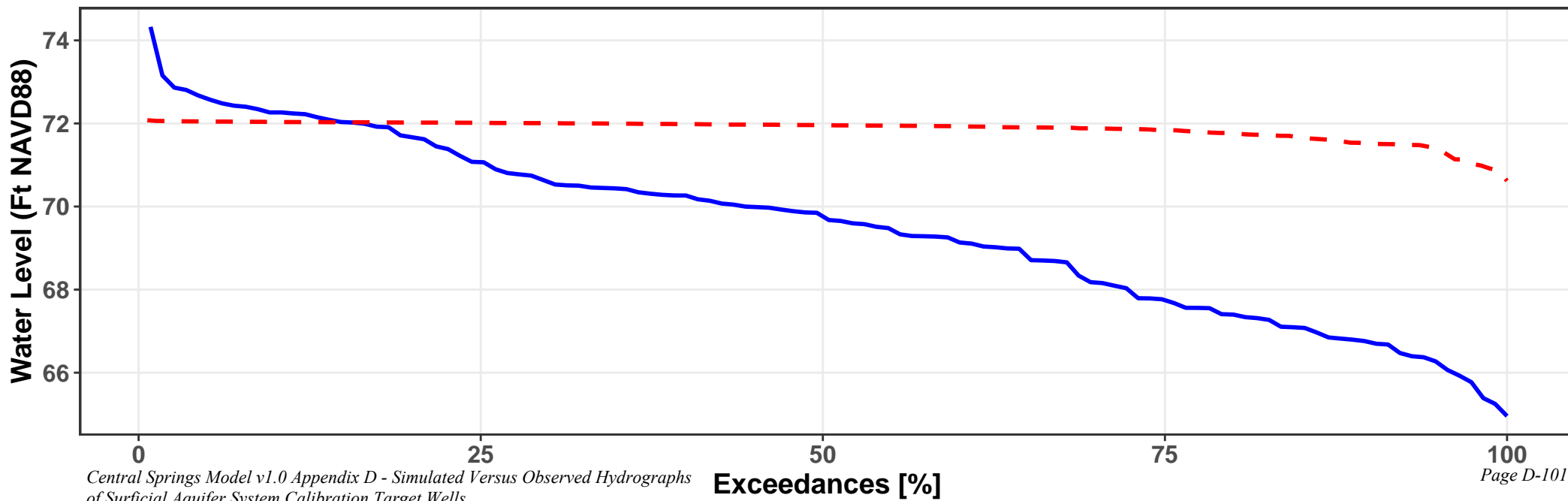
# OR1100 – SAS @ Lk Hiawasee

ME = 2.3 MAE = 2.5  $R^2 = 0.0818$  NSE = -1.193

— Observed — Simulated



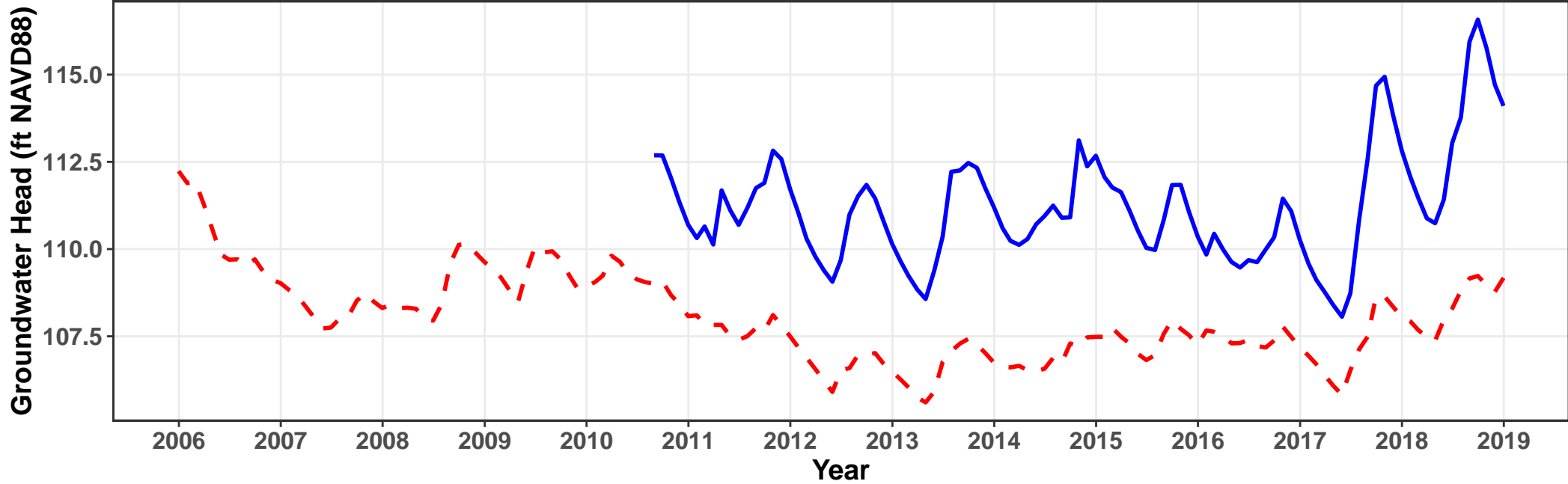
## Stage Duration Curve



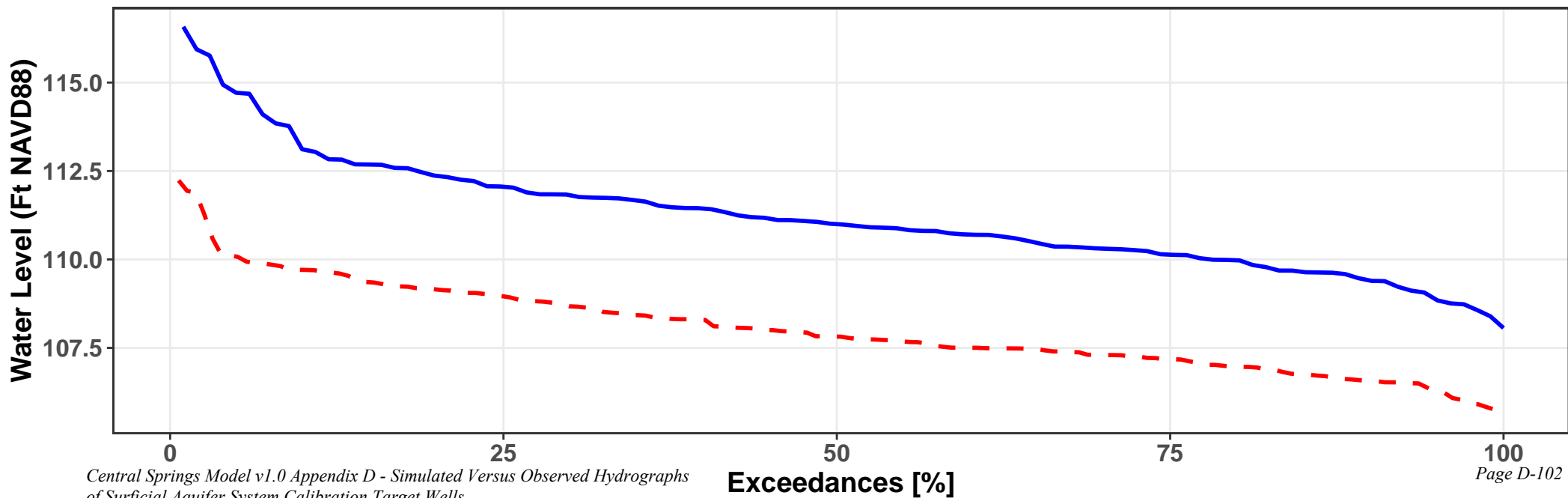
# OR1108 – SAS @ Lk Gem ES Wells

ME = -3.8 MAE = 3.8  $R^2 = 0.6509$  NSE = -4.989

— Observed — Simulated



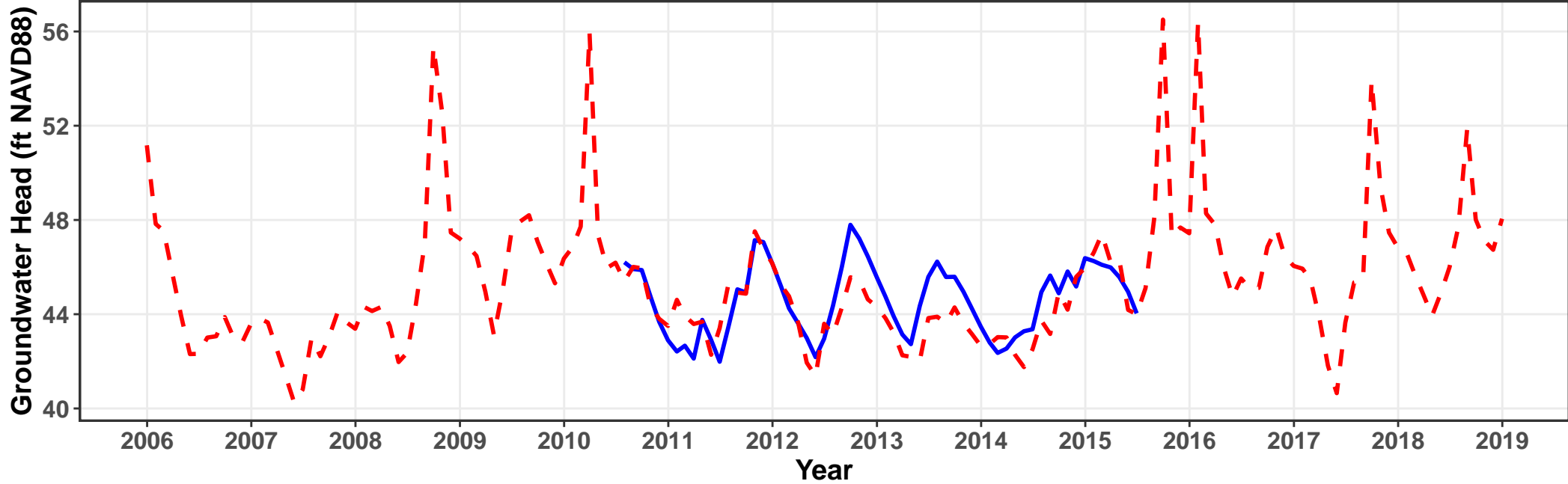
## Stage Duration Curve



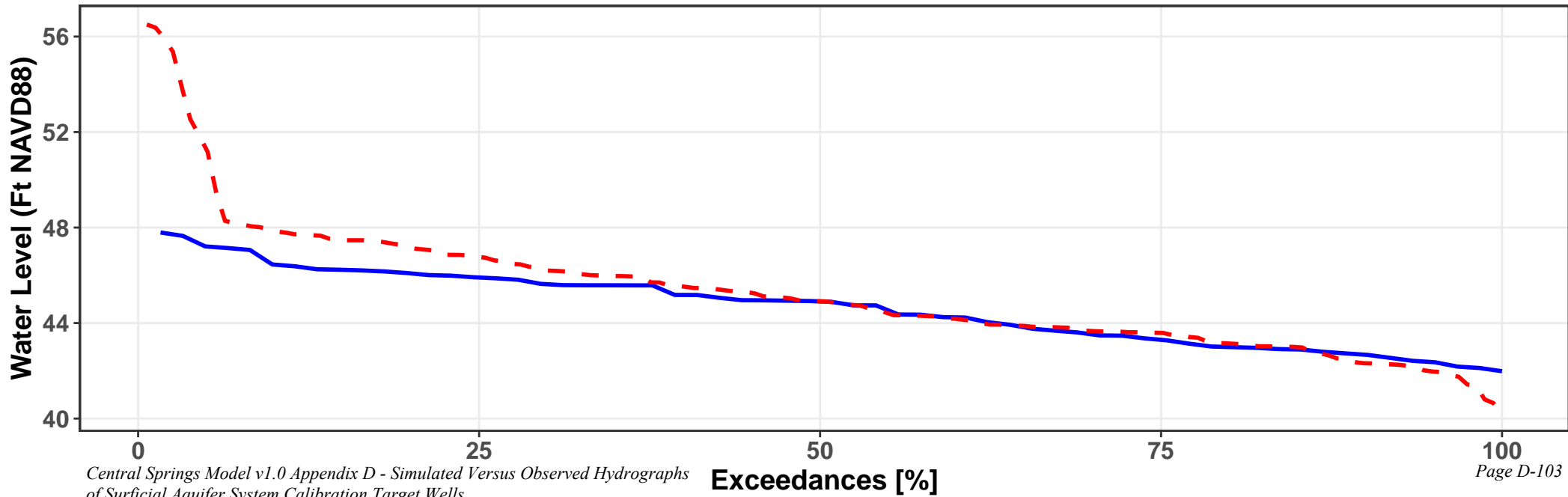
# OR1113 – SAS @ Econ Sandhills Wells

ME = -0.4 MAE = 0.9  $R^2 = 0.5665$  NSE = 0.446

— Observed — Simulated



## Stage Duration Curve



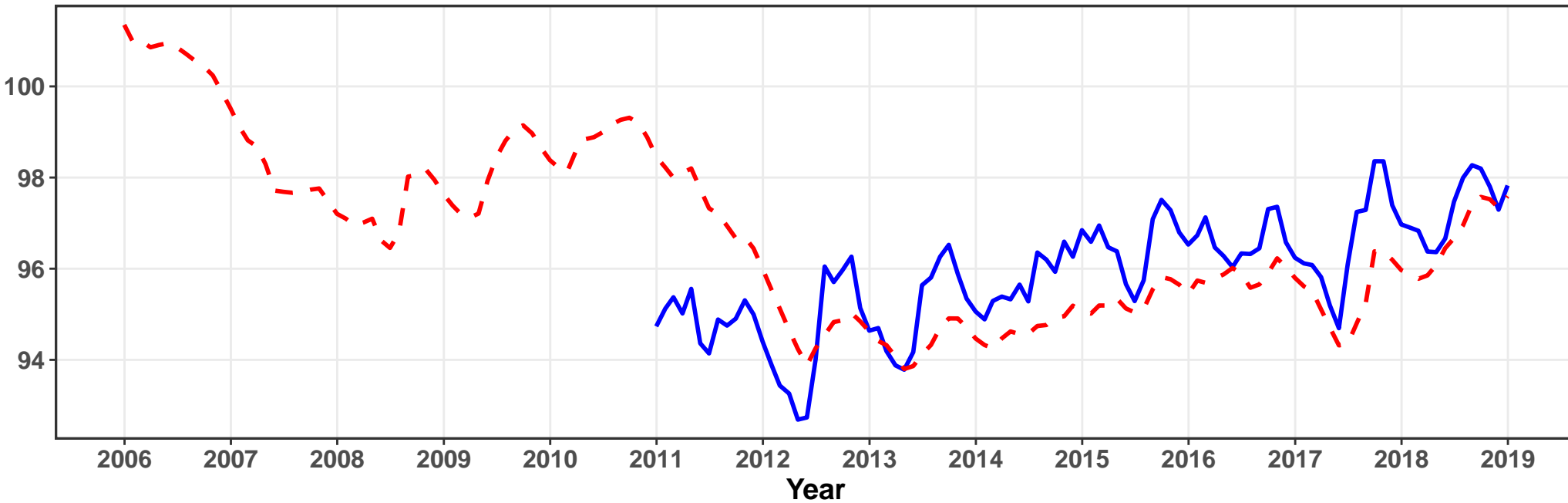


# OR1121 – SAS @ Johns LK E Wells

ME = -0.3 MAE = 1.2  $R^2 = 0.0926$  NSE = -0.379

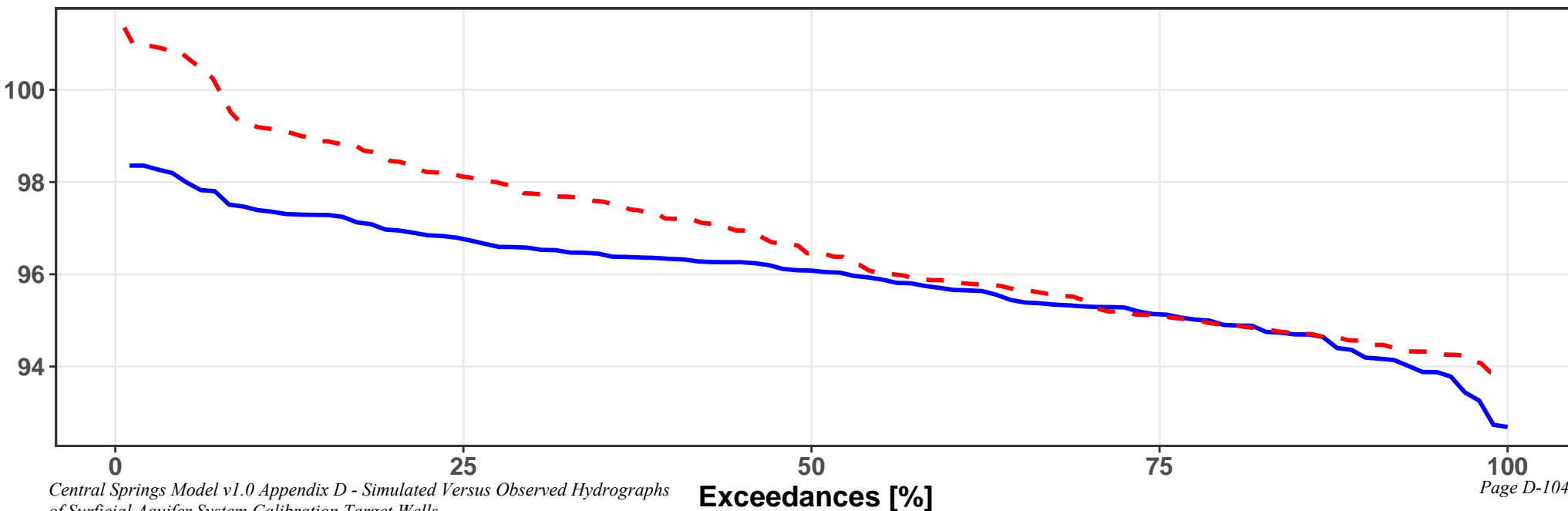
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

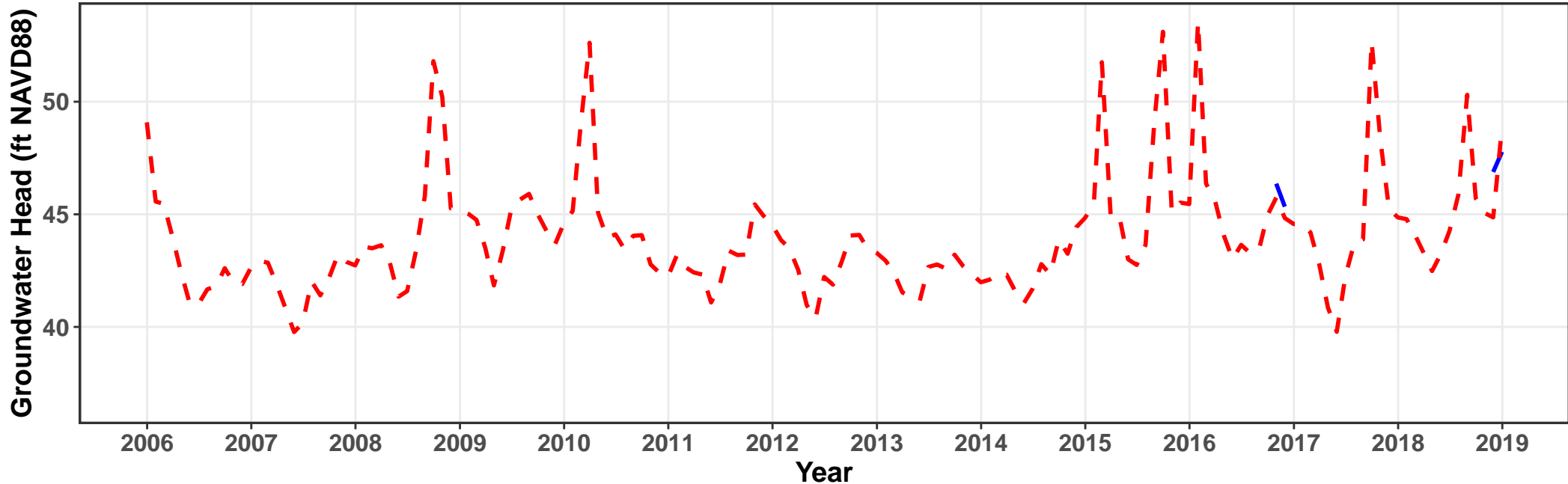
Water Level (Ft NAVD88)



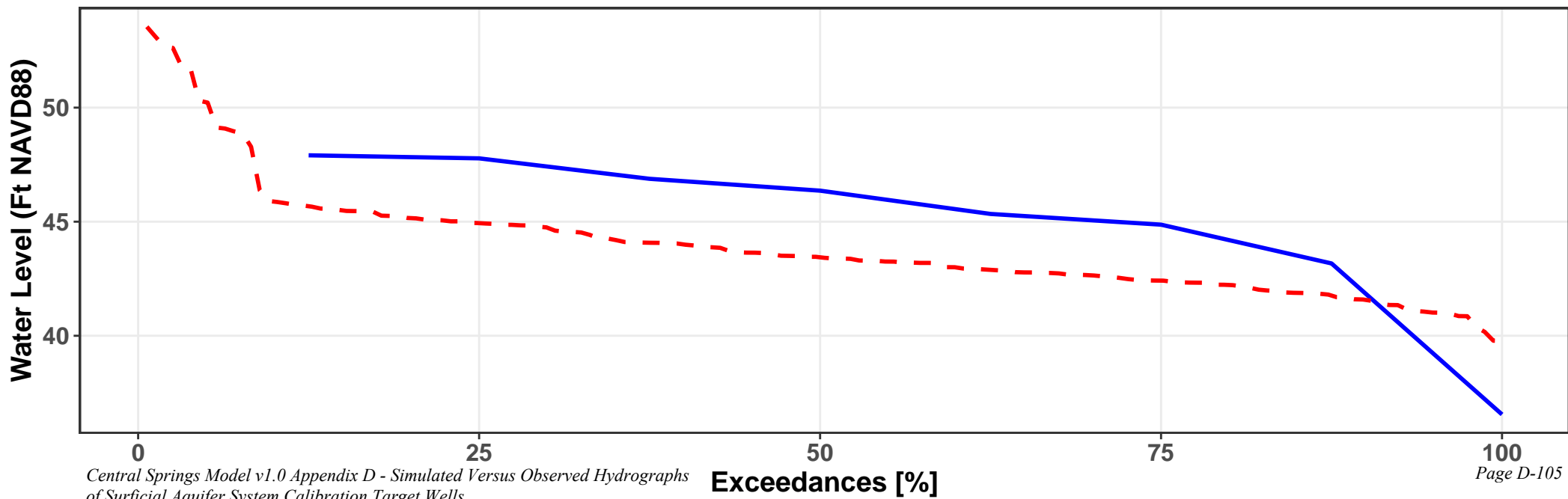
# OR1132 – SAS @ Econ Sandhills Rt420

ME = 1 MAE = 3  $R^2 = 0.2037$  NSE = -1.17

— Observed — Simulated



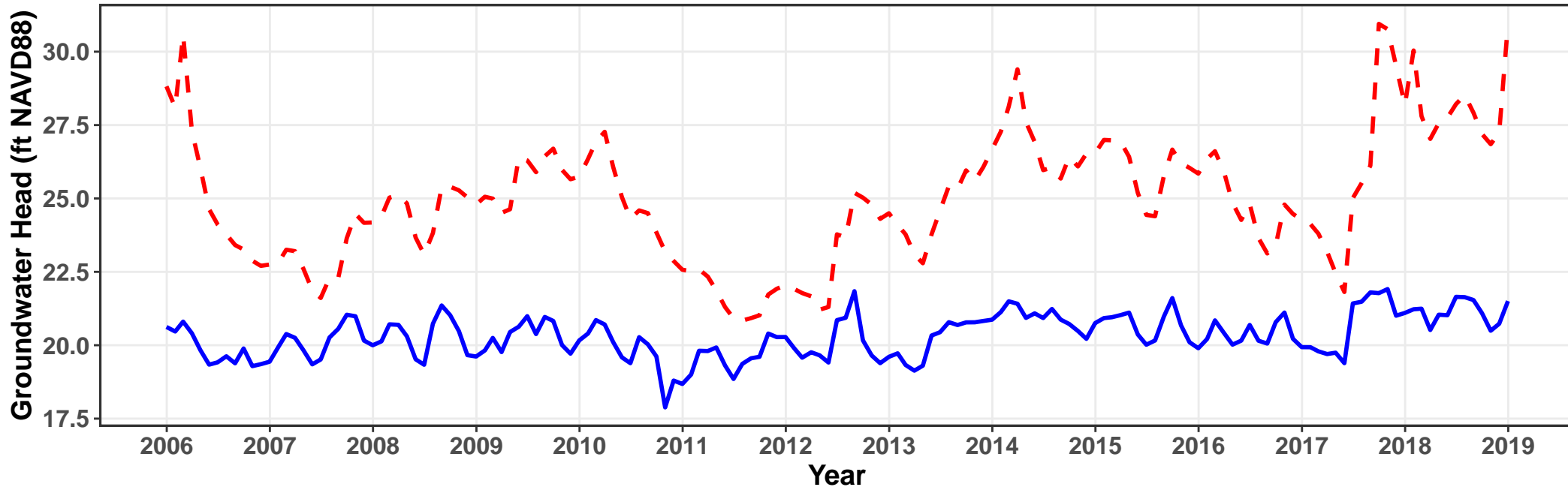
## Stage Duration Curve



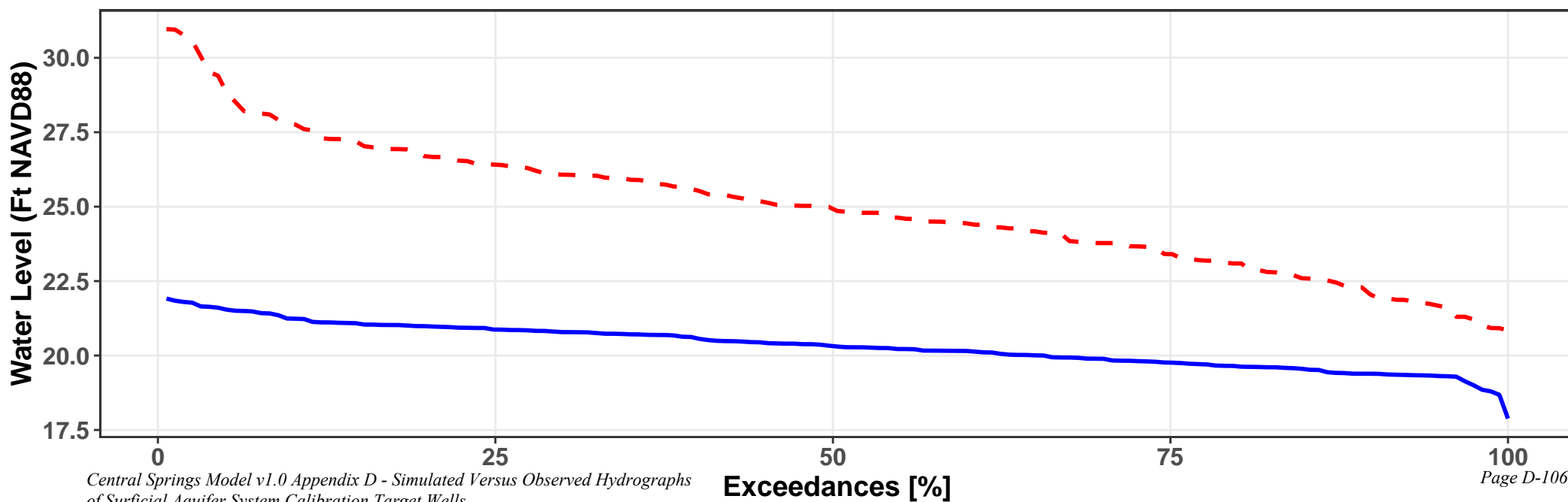
# P-0148 – SAS @ DHQ

ME = 4.7 MAE = 4.7  $R^2 = 0.5106$  NSE = -44.917

— Observed — Simulated



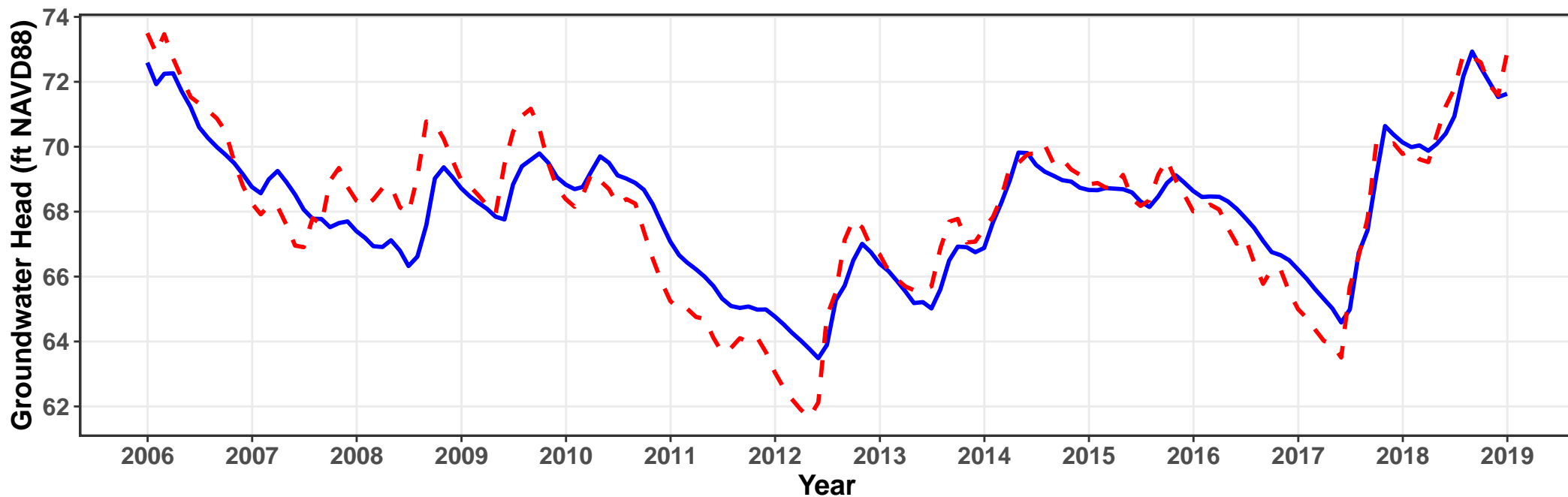
## Stage Duration Curve



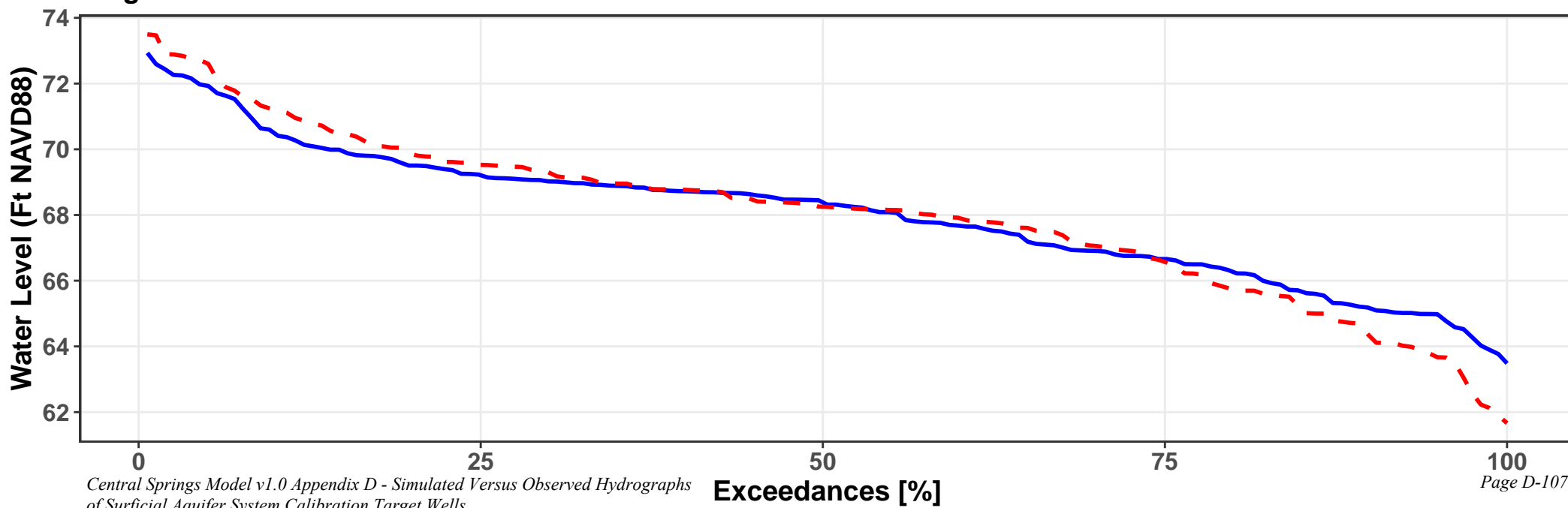
# P-0168 – SAS @ Camp Kateri

ME = -0 MAE = 0.8  $R^2 = 0.8547$  NSE = 0.754

— Observed - - Simulated



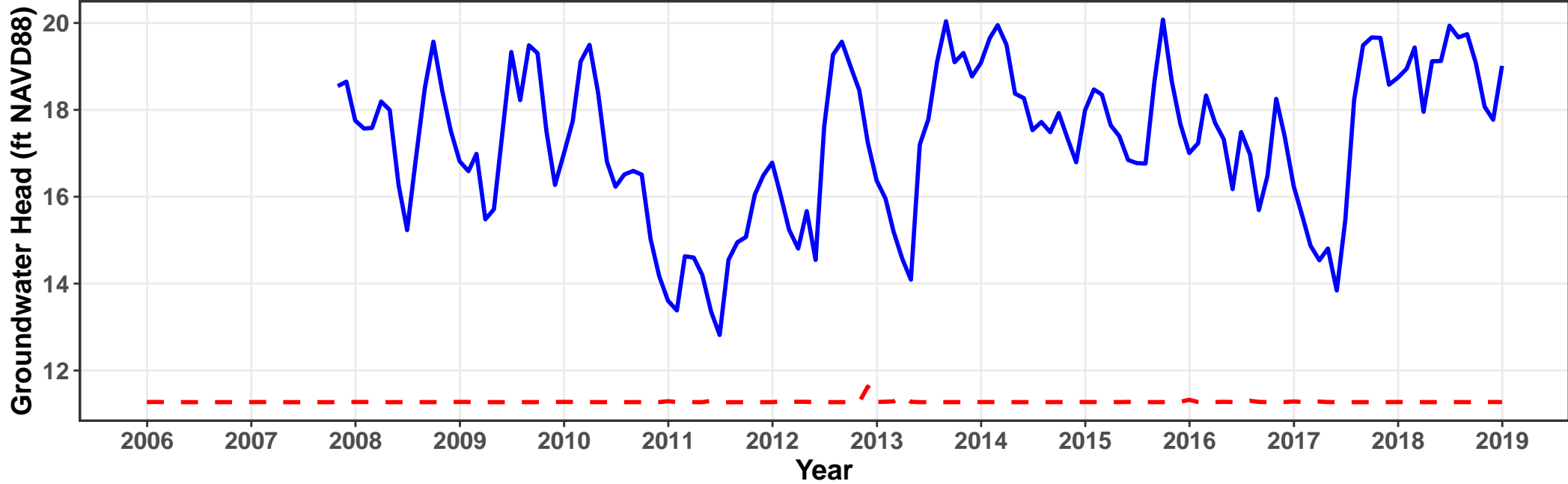
## Stage Duration Curve



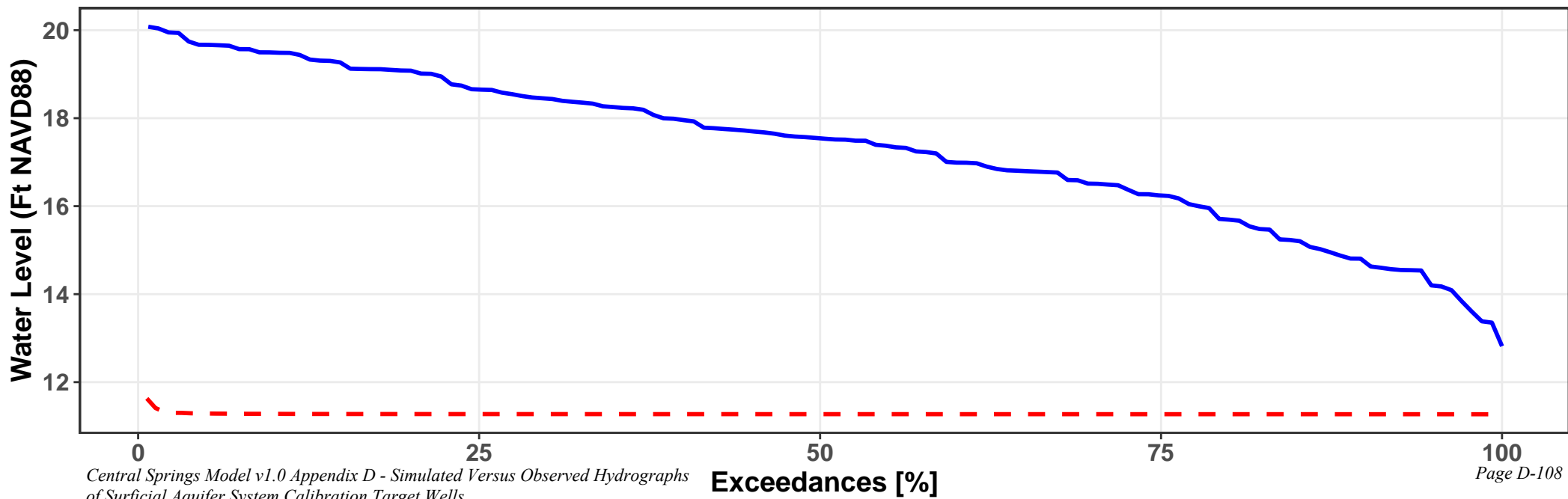
# P-0197 – SAS @ San Mateo

ME = -6 MAE = 6  $R^2 = 0.0093$  NSE = -12.14

— Observed — Simulated



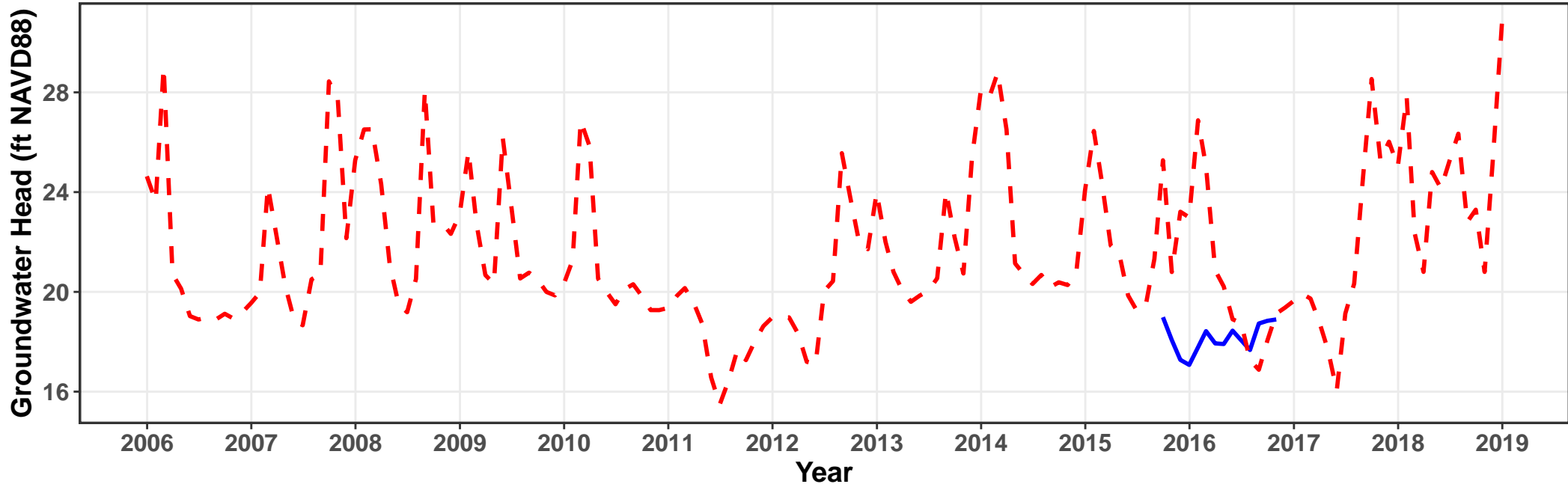
## Stage Duration Curve



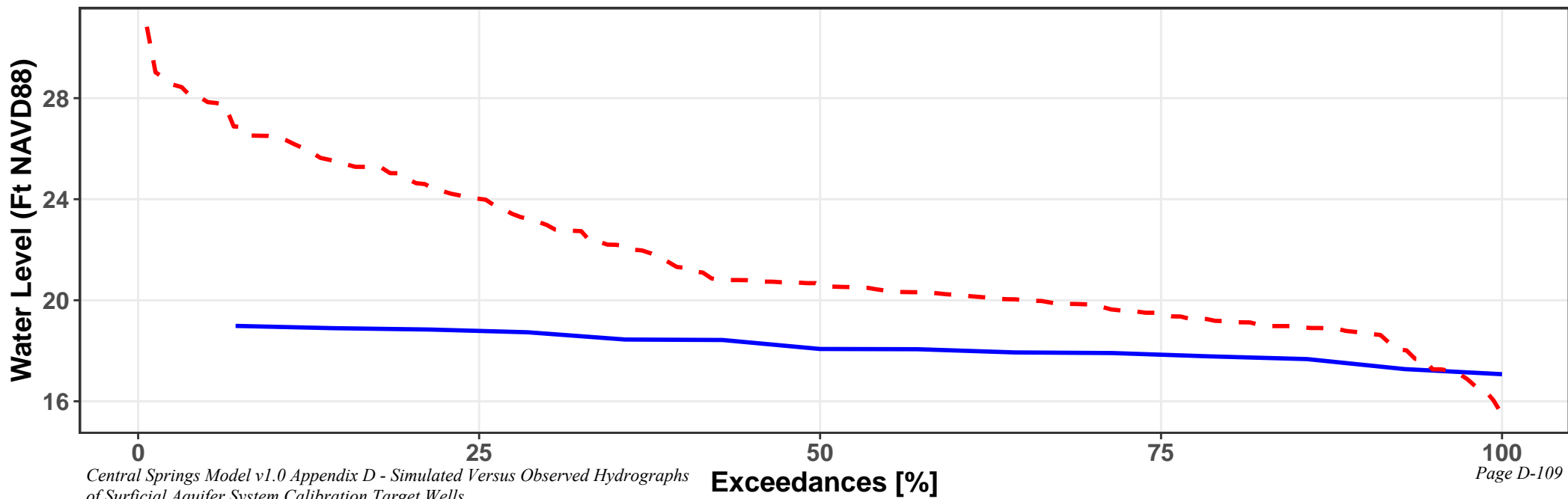
# P-0318 – SAS @ Kenwood Boat Ramp Rd

ME = 2.9 MAE = 3.3  $R^2 = 0.0552$  NSE = -55.538

— Observed — Simulated



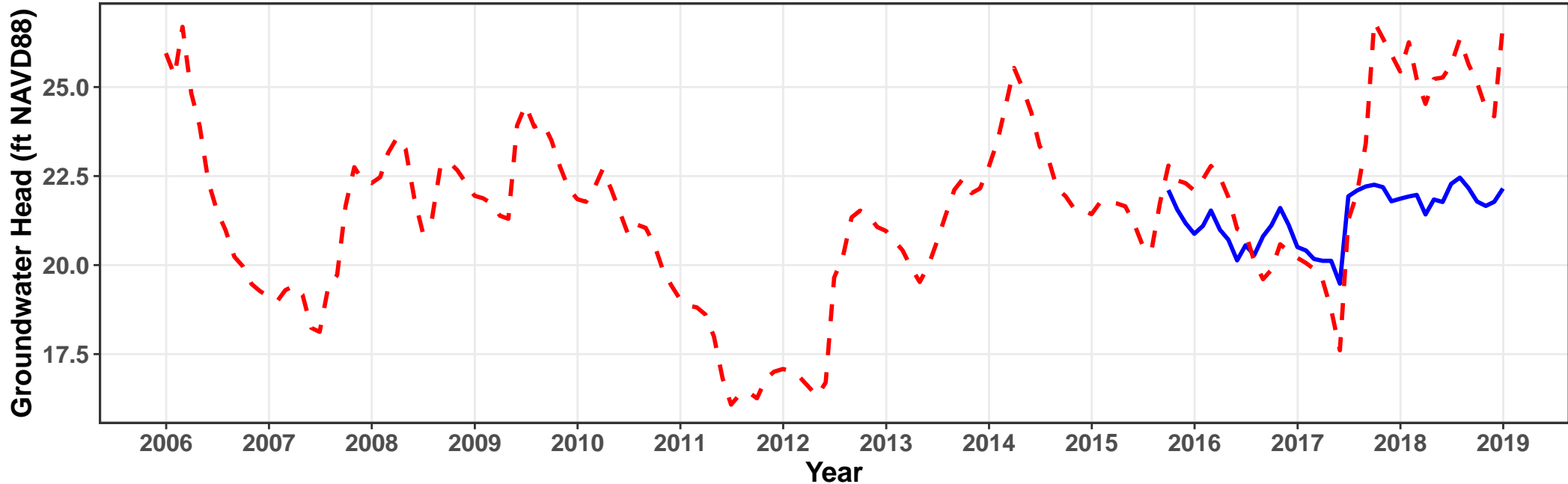
## Stage Duration Curve



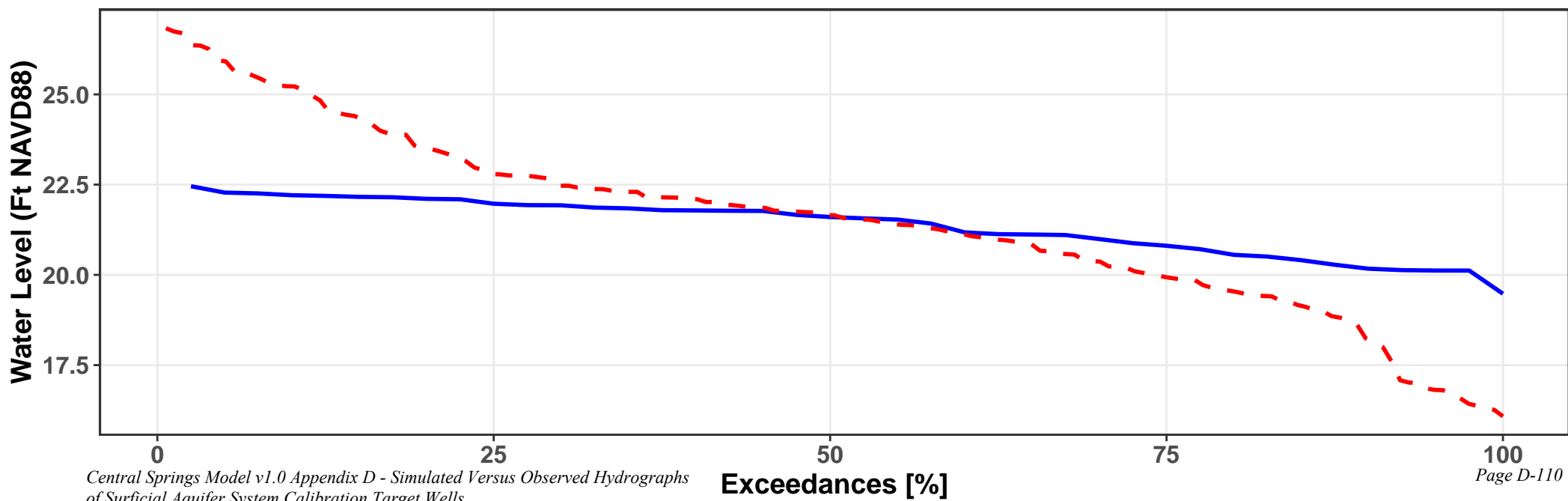
# P-0320 – SAS @ Greenways

ME = 1.5 MAE = 2  $R^2 = 0.7091$  NSE = -9.23

— Observed — Simulated



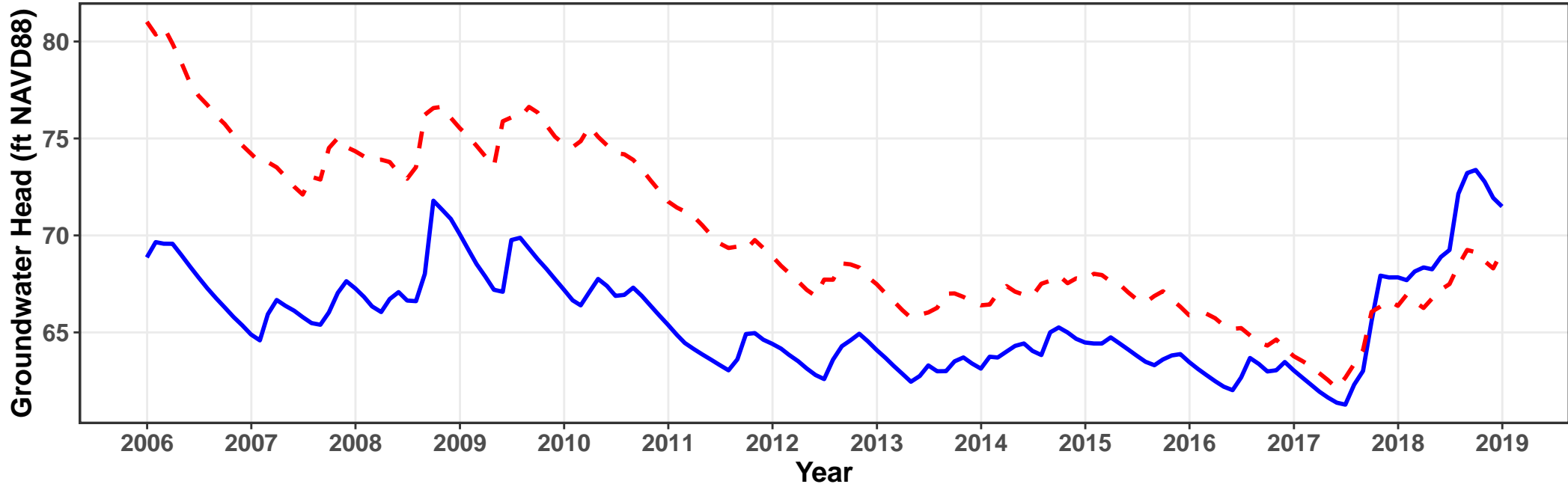
## Stage Duration Curve



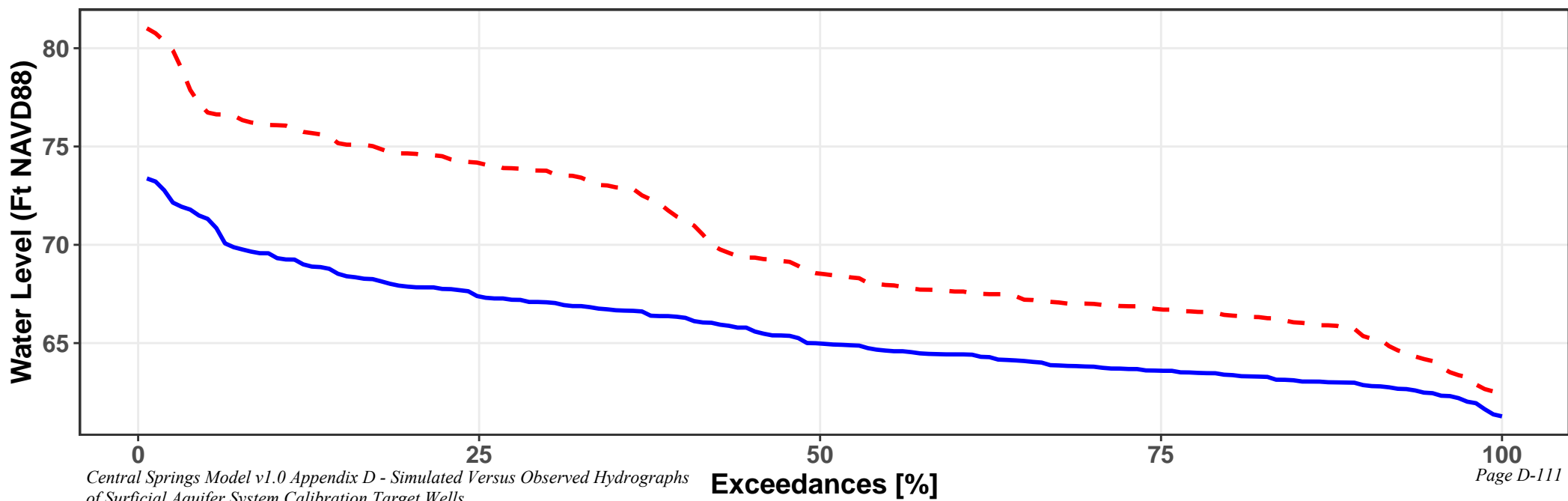
# P-0409 – SAS @ Fruitland Wells

ME = 4.4 MAE = 4.9  $R^2 = 0.4202$  NSE = -3.383

— Observed — Simulated



## Stage Duration Curve

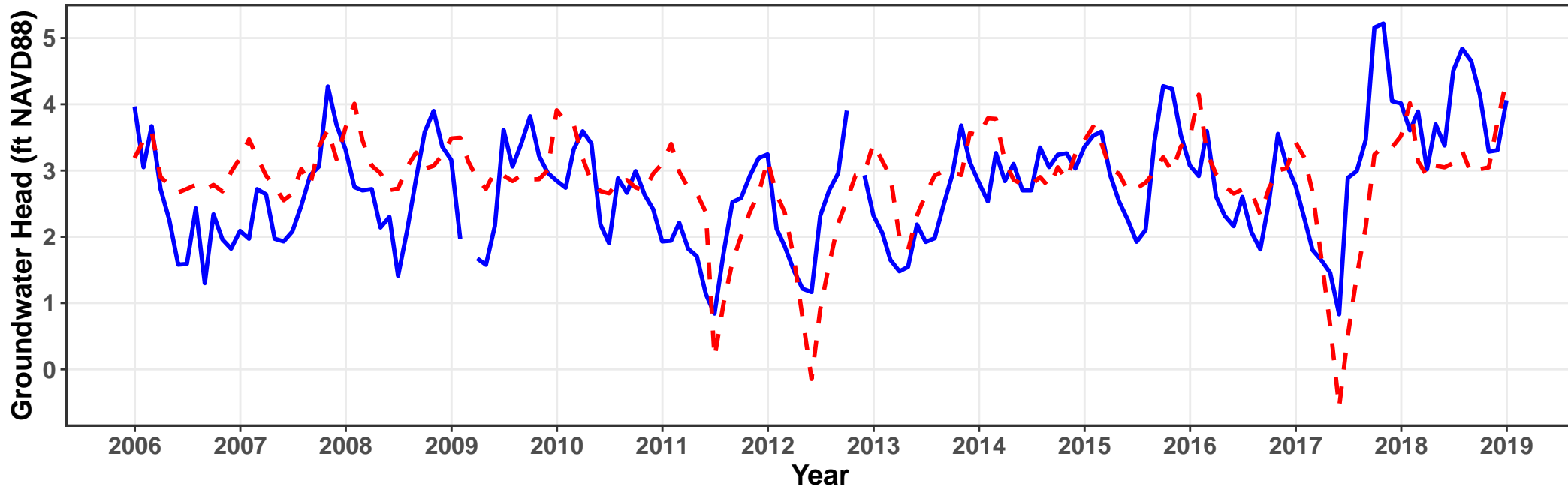




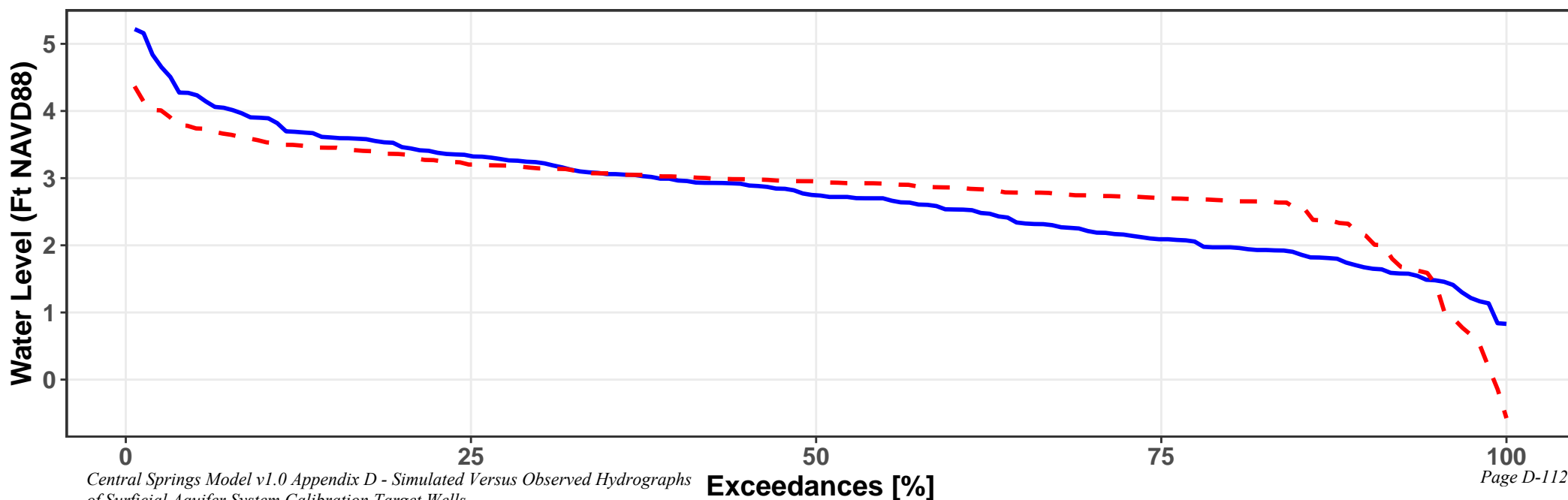
# P-0473 – SAS @ Johnson Field

ME = 0.1 MAE = 0.7  $R^2 = 0.2588$  NSE = 0.116

— Observed - - Simulated



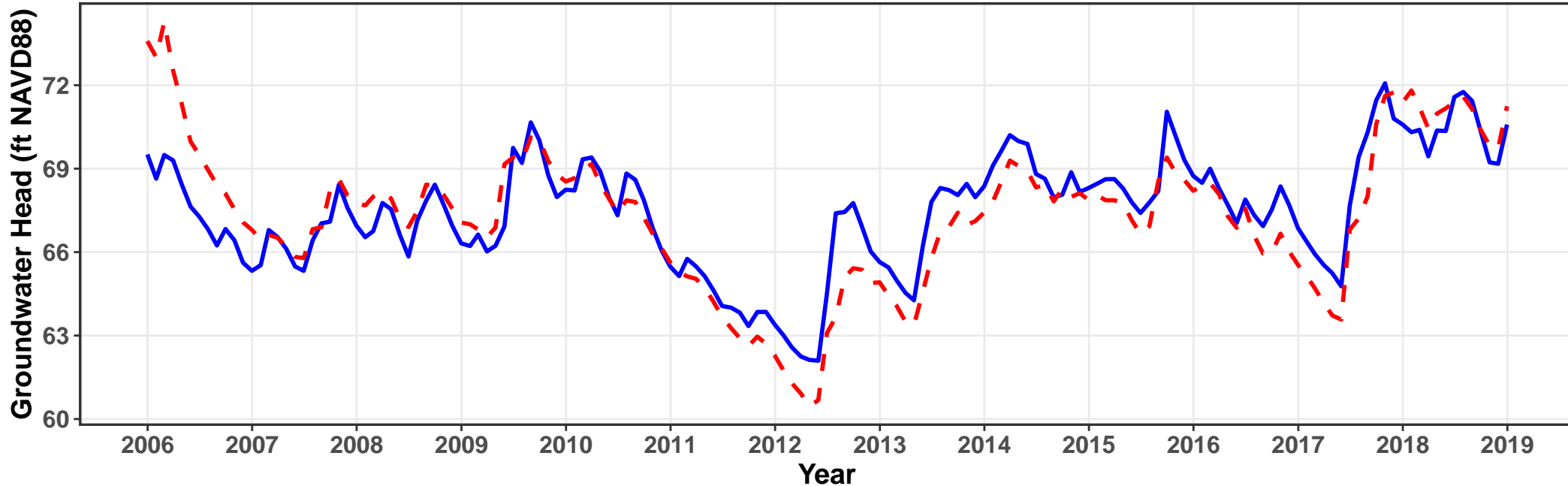
## Stage Duration Curve



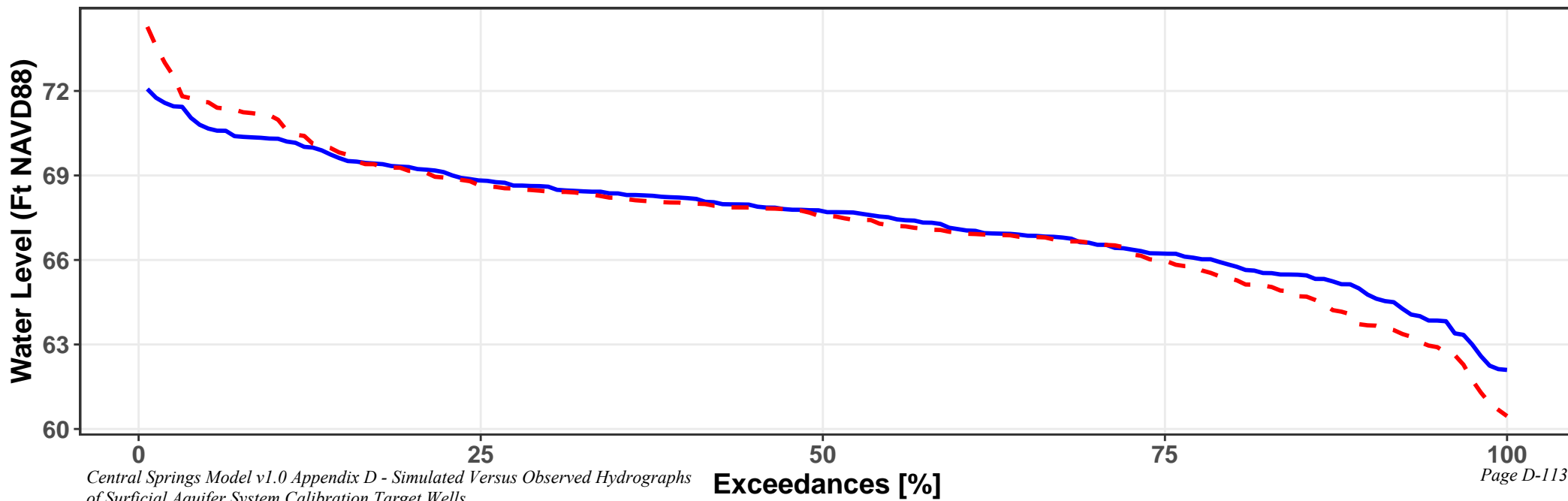
# P-0511 – SAS @ Hollister Work Cntr

ME = -0.2 MAE = 0.9  $R^2 = 0.7738$  NSE = 0.636

— Observed — Simulated



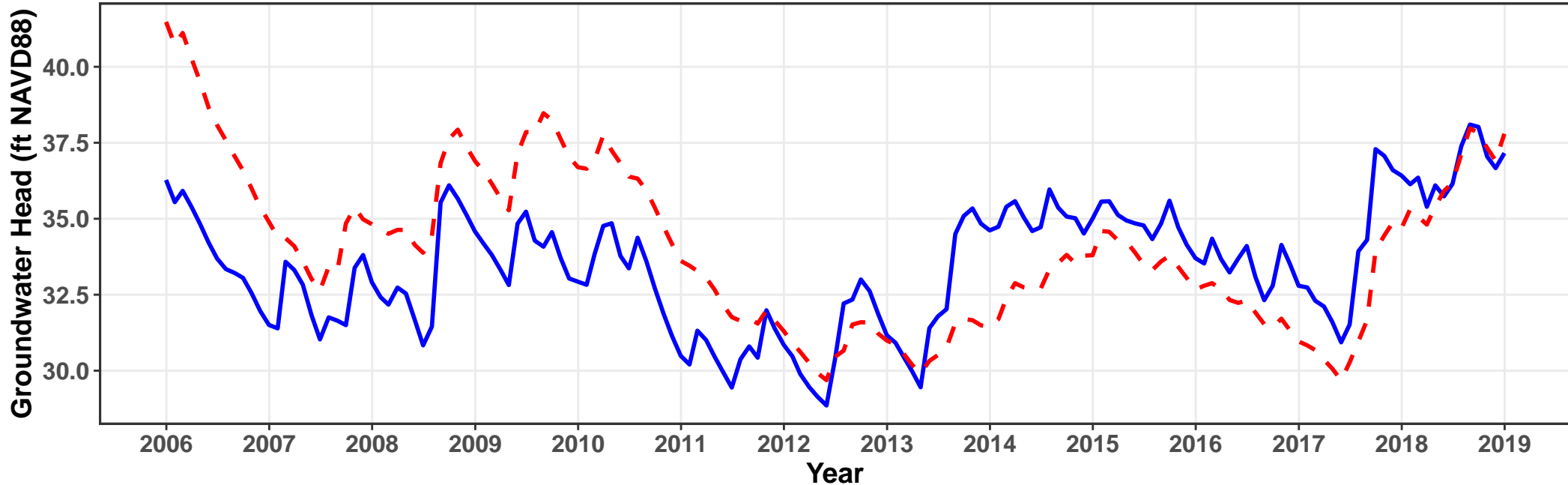
## Stage Duration Curve



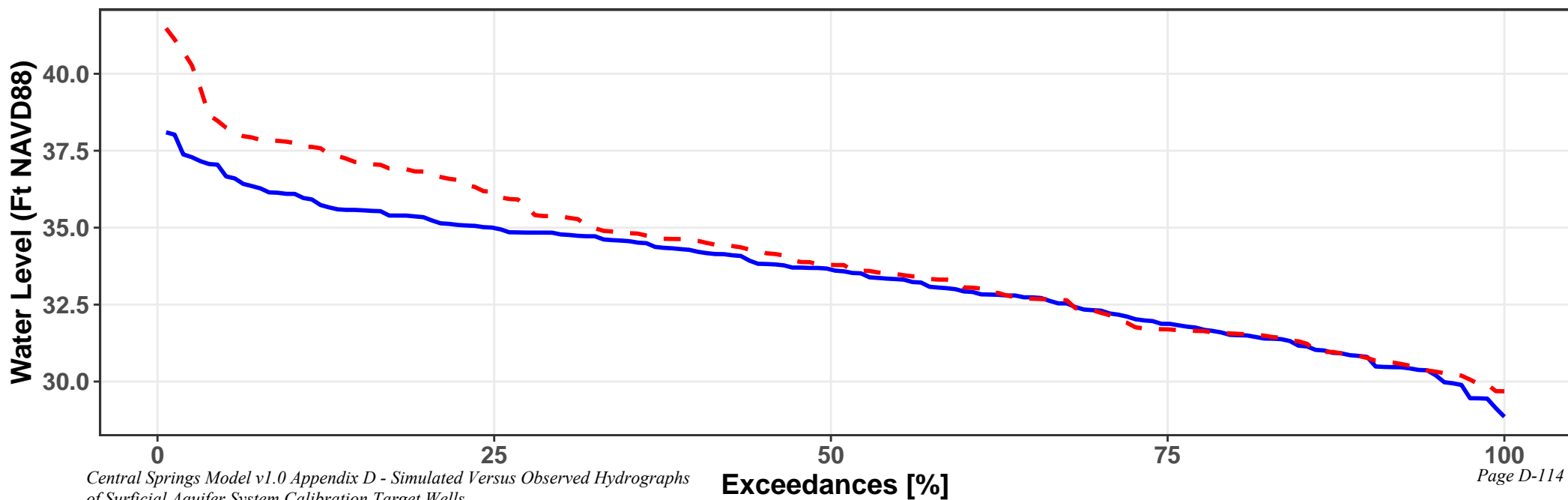
# P-0724 – SAS @ Silver Pd Wells

ME = 0.6 MAE = 2  $R^2 = 0.3242$  NSE = -0.295

— Observed — Simulated



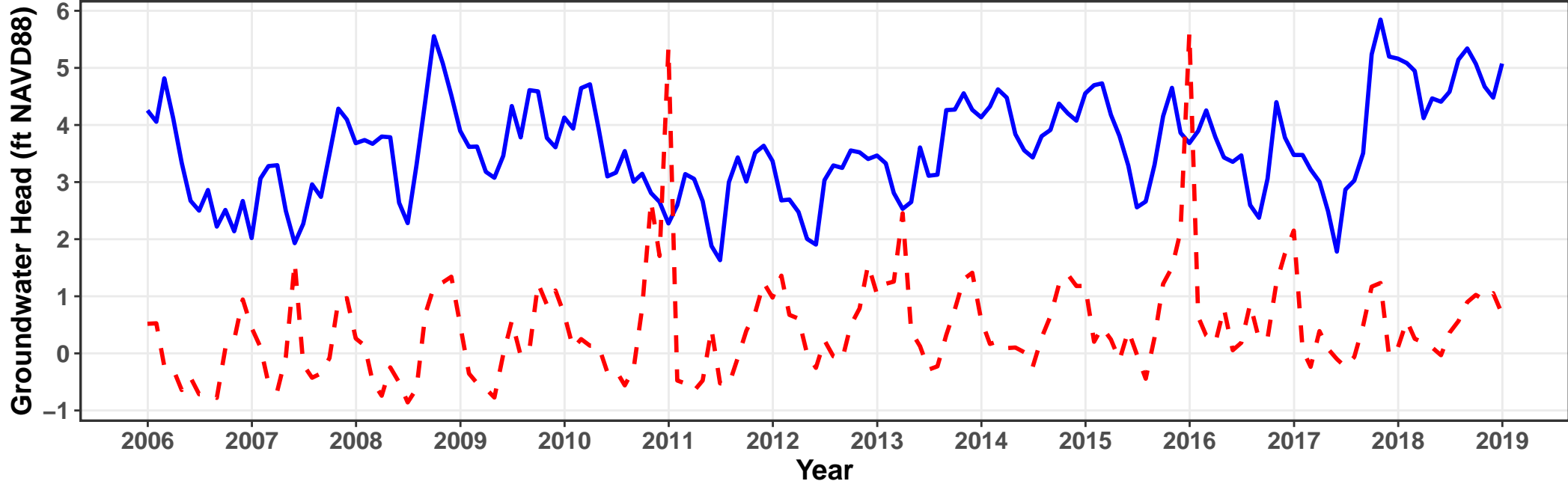
## Stage Duration Curve



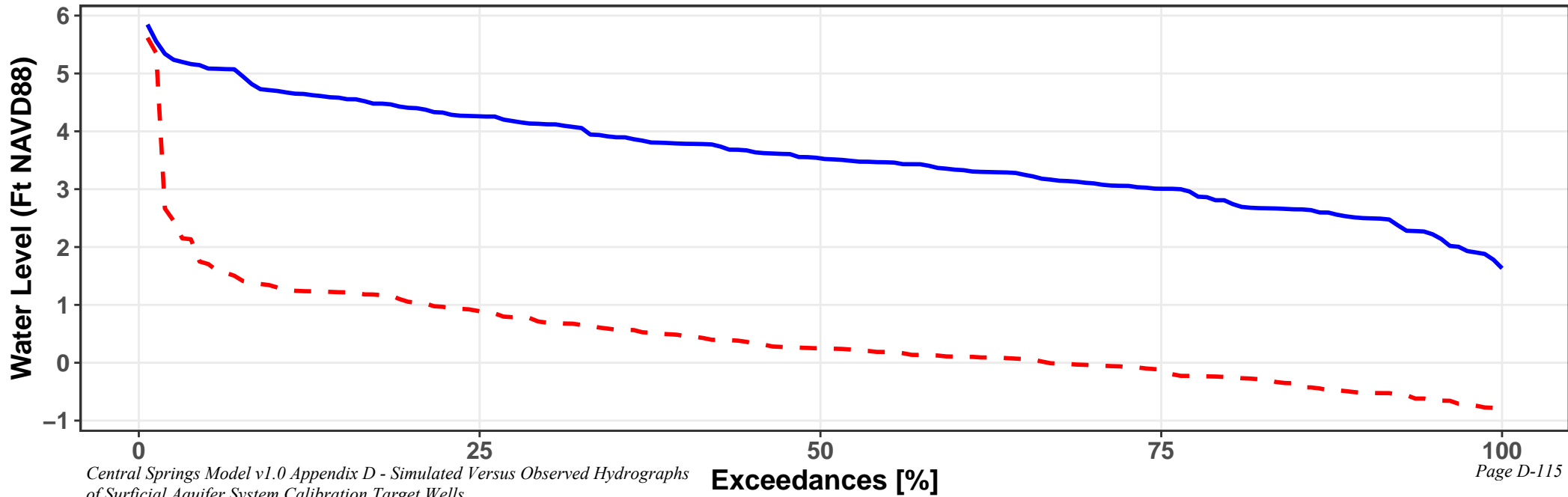
# P-0734 – SAS @ Middle Rd

ME = -3.2 MAE = 3.2  $R^2 = 0.0321$  NSE = -13.873

— Observed — Simulated



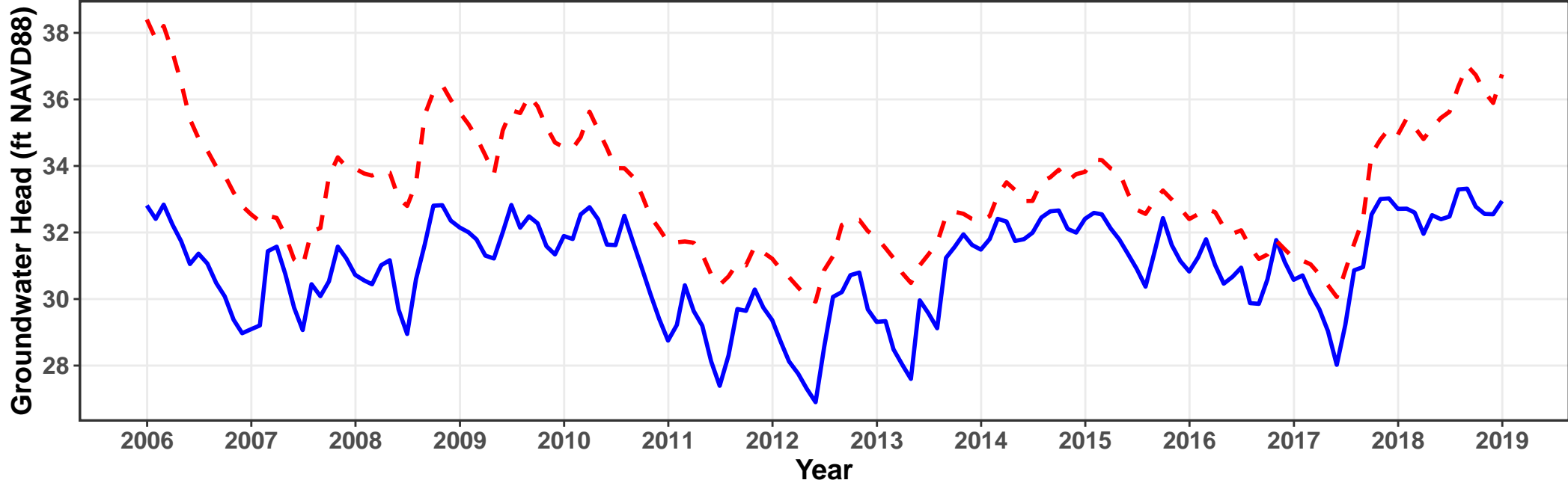
## Stage Duration Curve



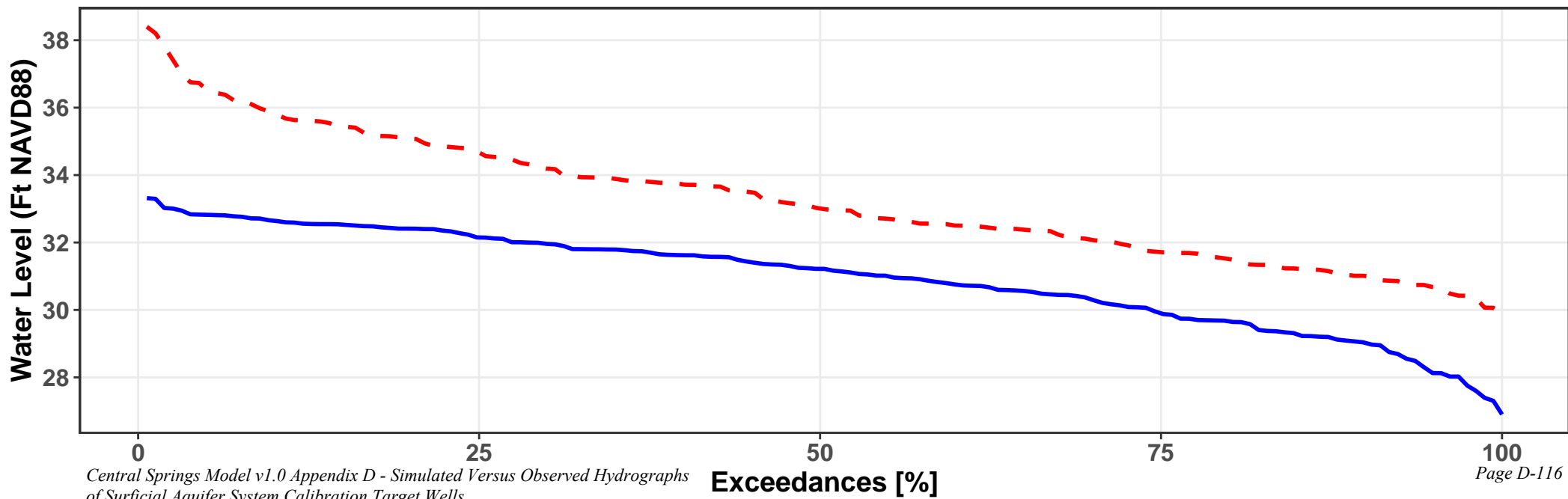
# P-0742 – SAS @ Niles Rd Wells

ME = 2.3 MAE = 2.3  $R^2 = 0.663$  NSE = -2.067

— Observed — Simulated



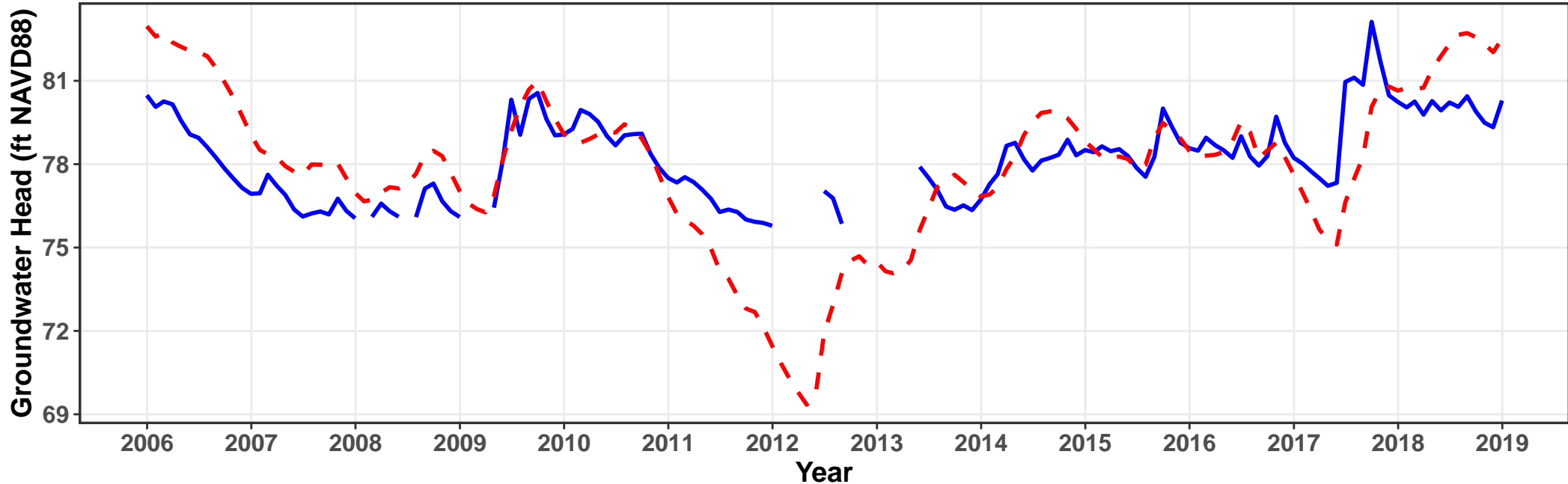
## Stage Duration Curve



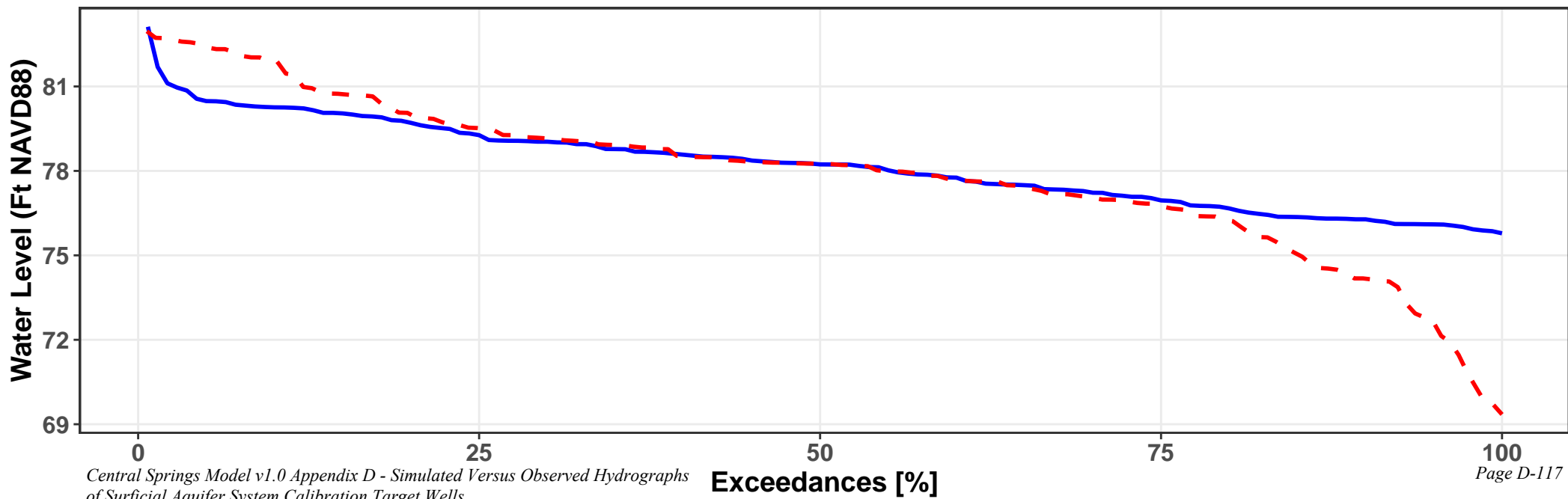
# P-0774 – SAS @ Lk Grandin Wells

ME = 0.2 MAE = 1.3  $R^2 = 0.4883$  NSE = -0.32

— Observed — Simulated



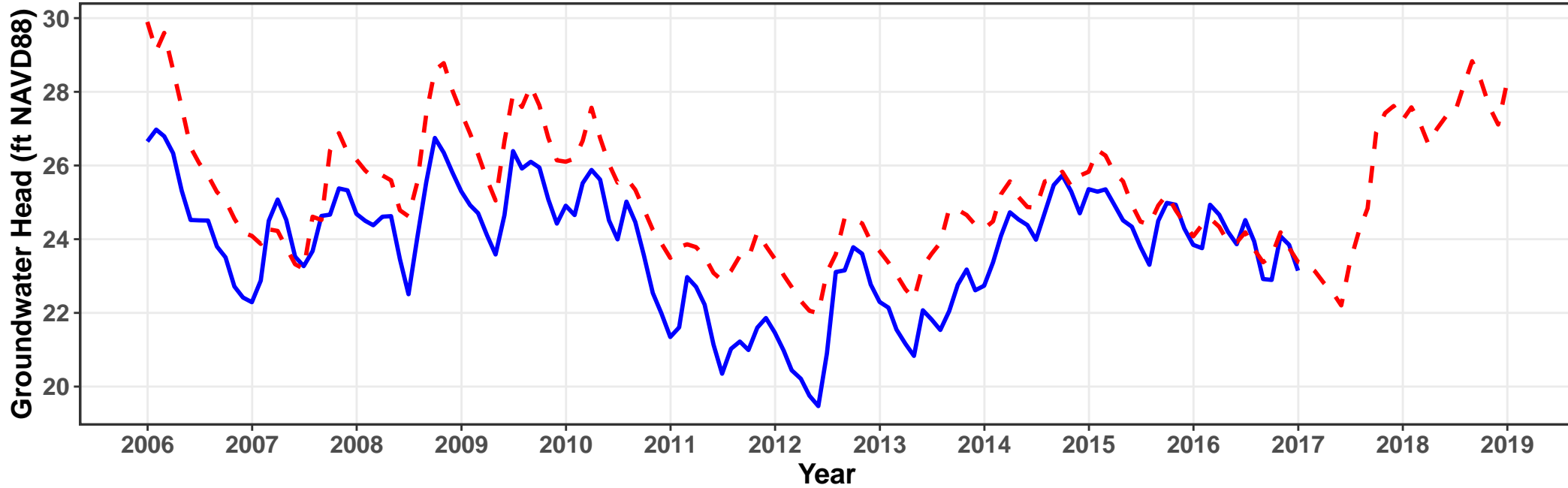
## Stage Duration Curve



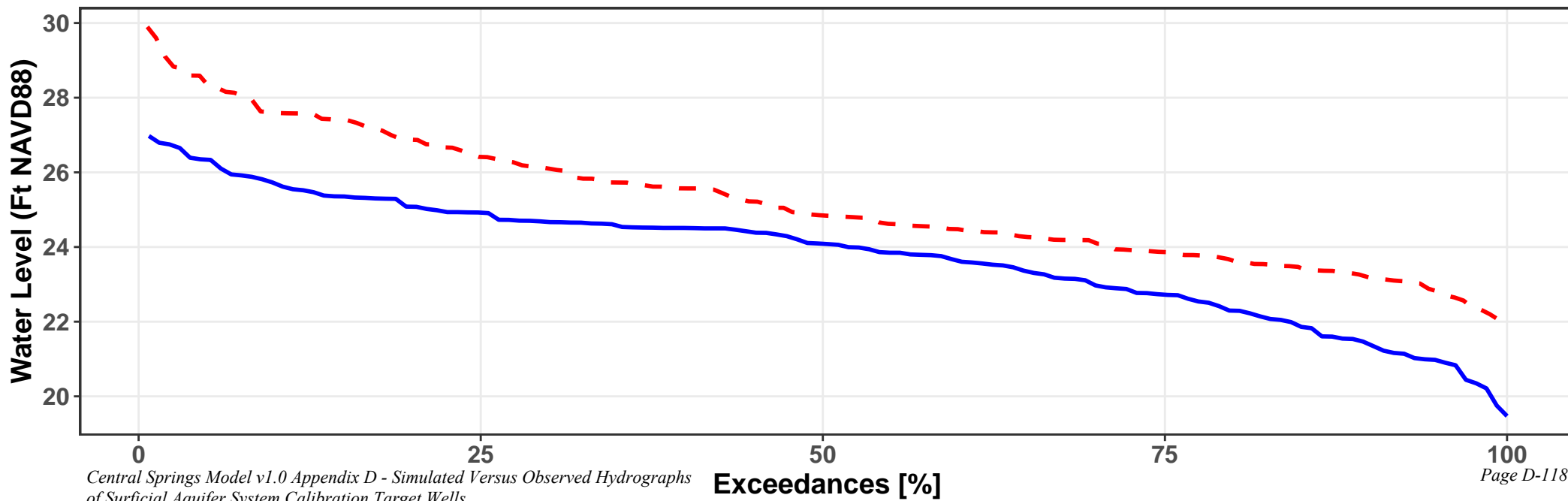
# P-0778 – SAS @ Marvin Jones Rd

ME = 1.3 MAE = 1.3  $R^2 = 0.7547$  NSE = 0.138

— Observed — Simulated



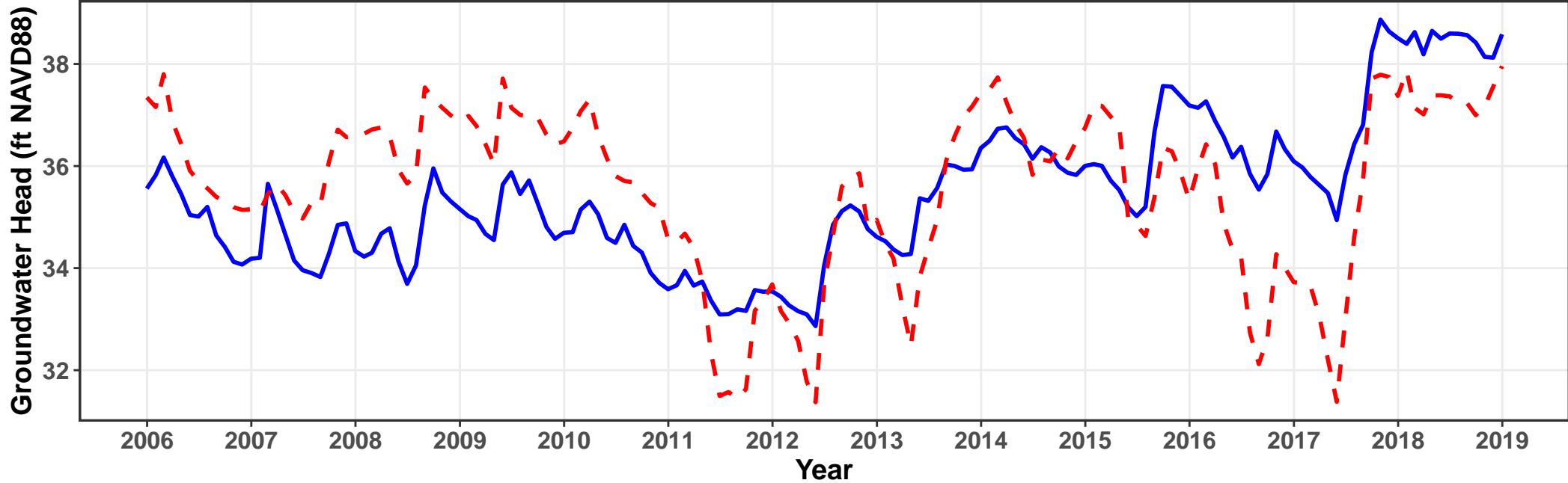
## Stage Duration Curve



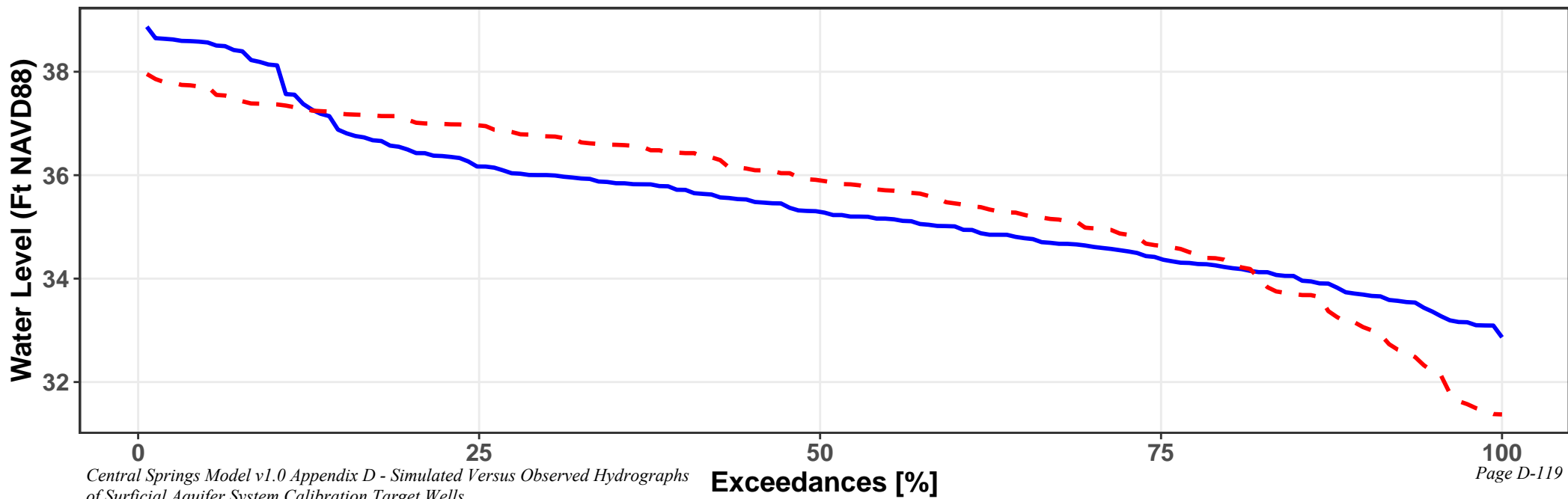
# P-0818 – SAS @ Lk Broward Wells

ME = 0.1 MAE = 1.3  $R^2 = 0.3291$  NSE = -0.003

— Observed - - Simulated



## Stage Duration Curve

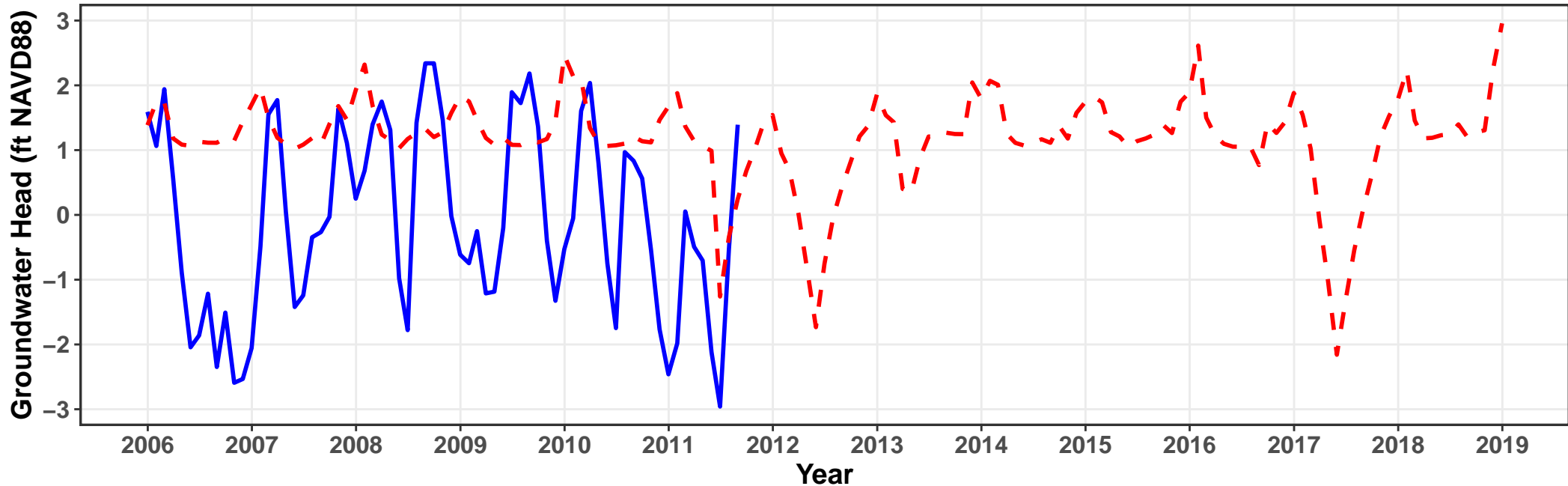




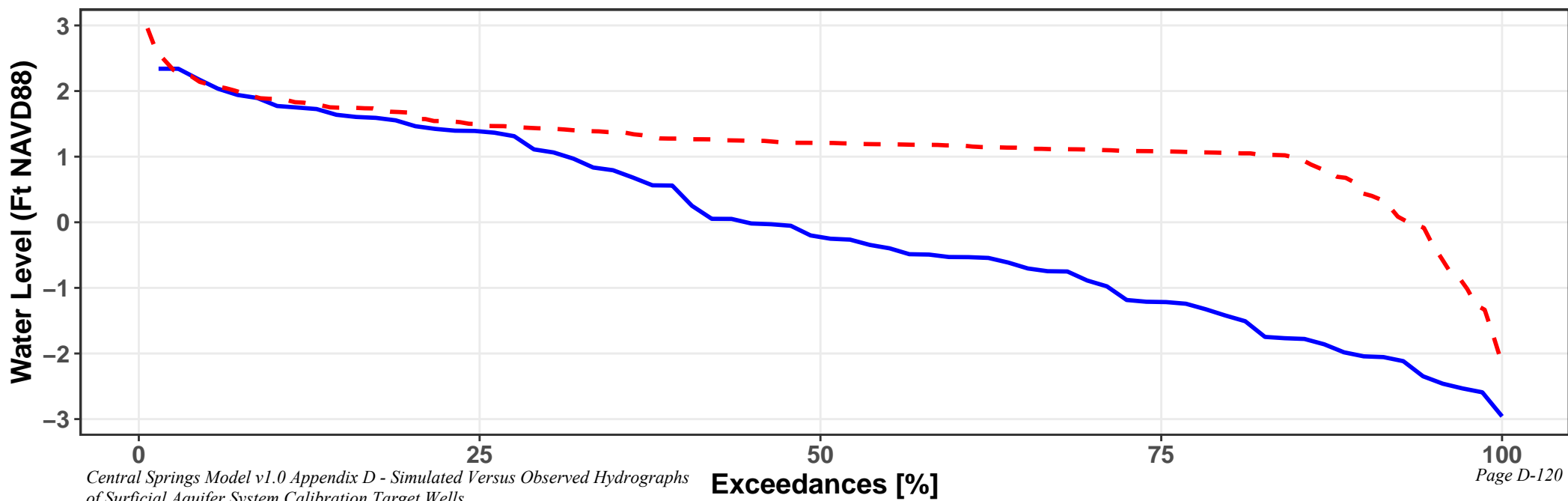
# P-0819 – SAS @ Caravelle Rch

ME = 1.4 MAE = 1.6  $R^2 = 0.0347$  NSE = -0.904

— Observed — Simulated



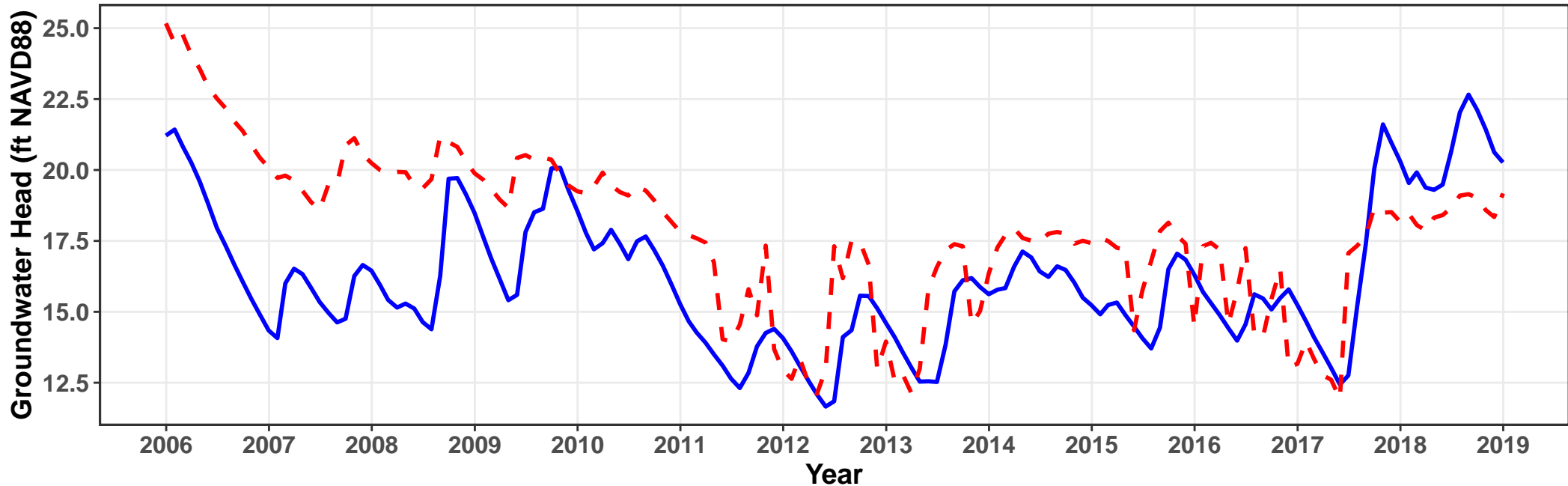
## Stage Duration Curve



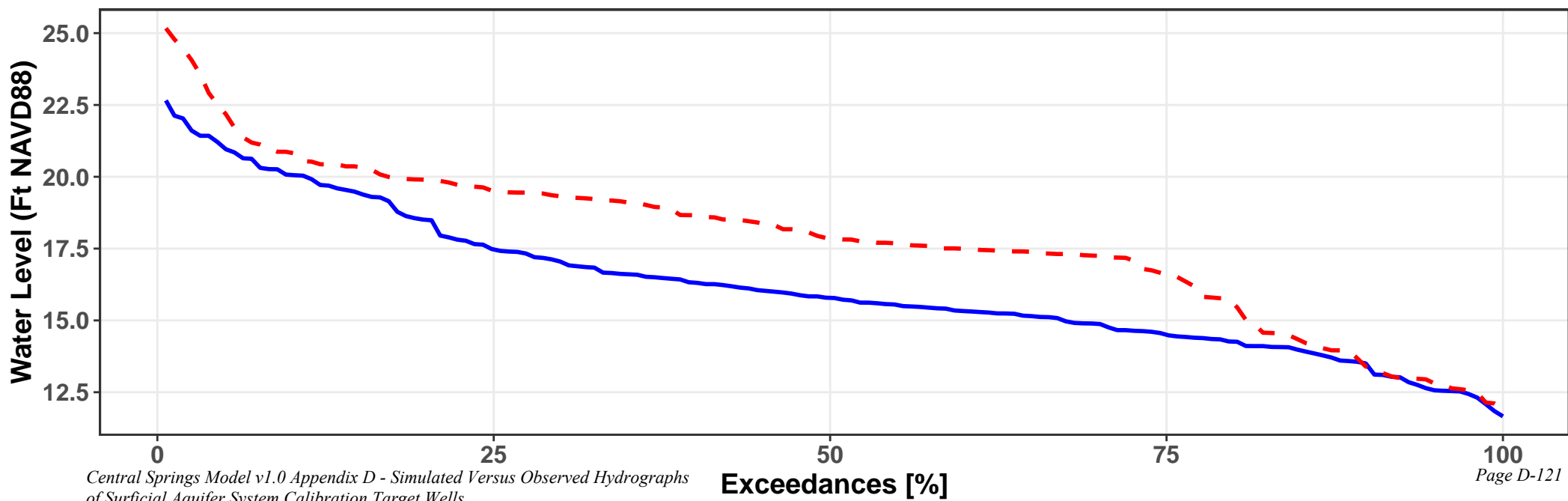
# P-0820 – SAS @ Frontier Dance Hall

ME = 1.6 MAE = 2.3  $R^2 = 0.3978$  NSE = -0.276

— Observed — Simulated



## Stage Duration Curve

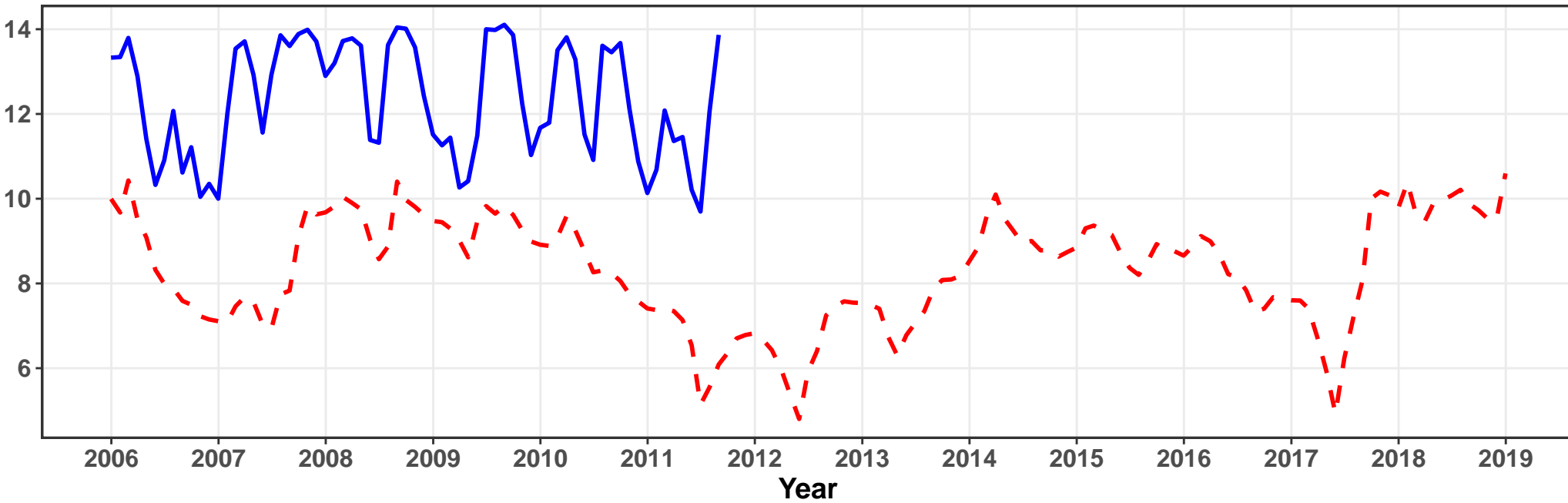


# P-0821 – SAS @ Forest Rd 77

ME = -3.8 MAE = 3.8  $R^2 = 0.2545$  NSE = -7.883

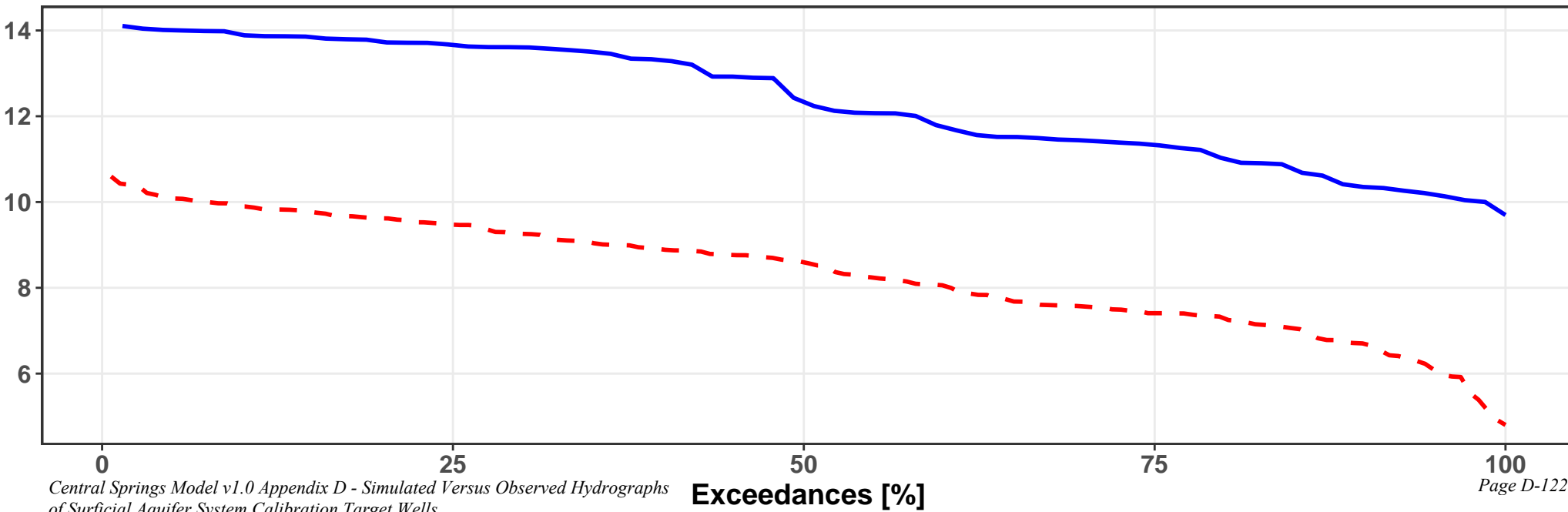
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

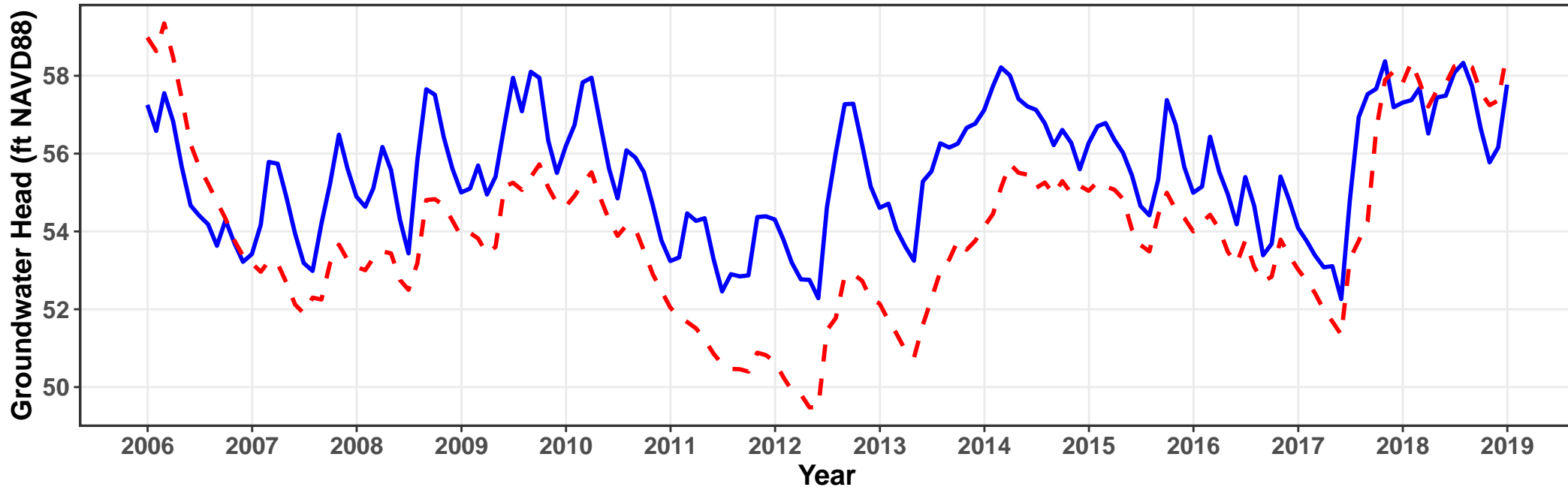
Water Level (Ft NAVD88)



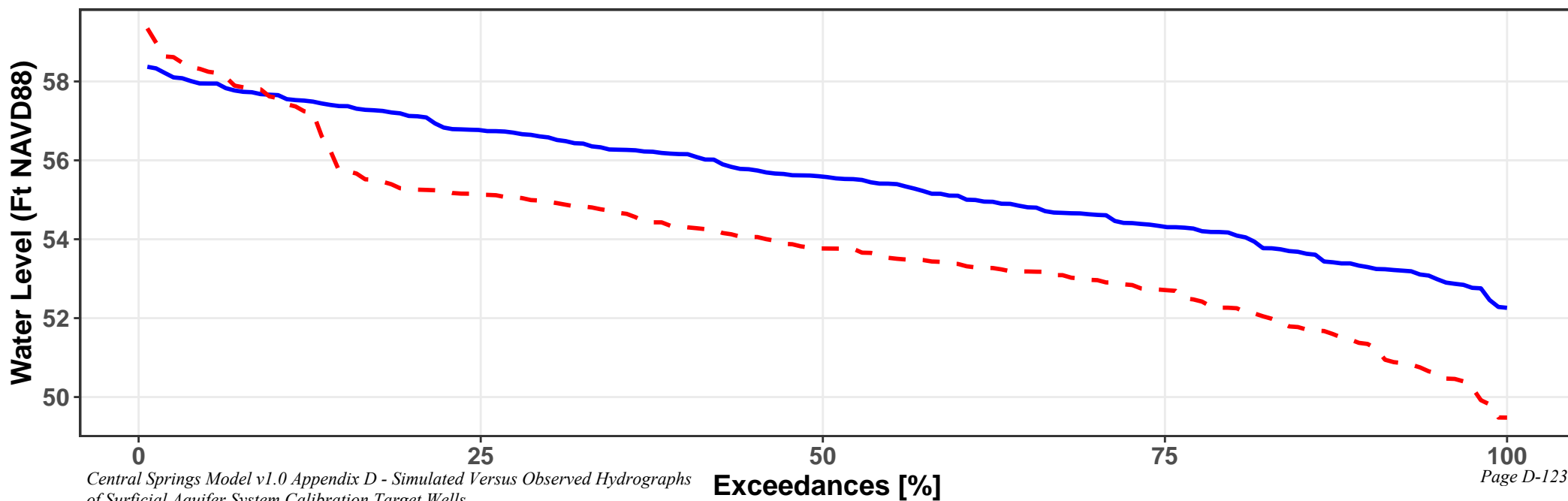
# P-0879 – SAS @ EH Miller Sch

ME = -1.5 MAE = 1.8  $R^2 = 0.5886$  NSE = -0.774

— Observed — Simulated



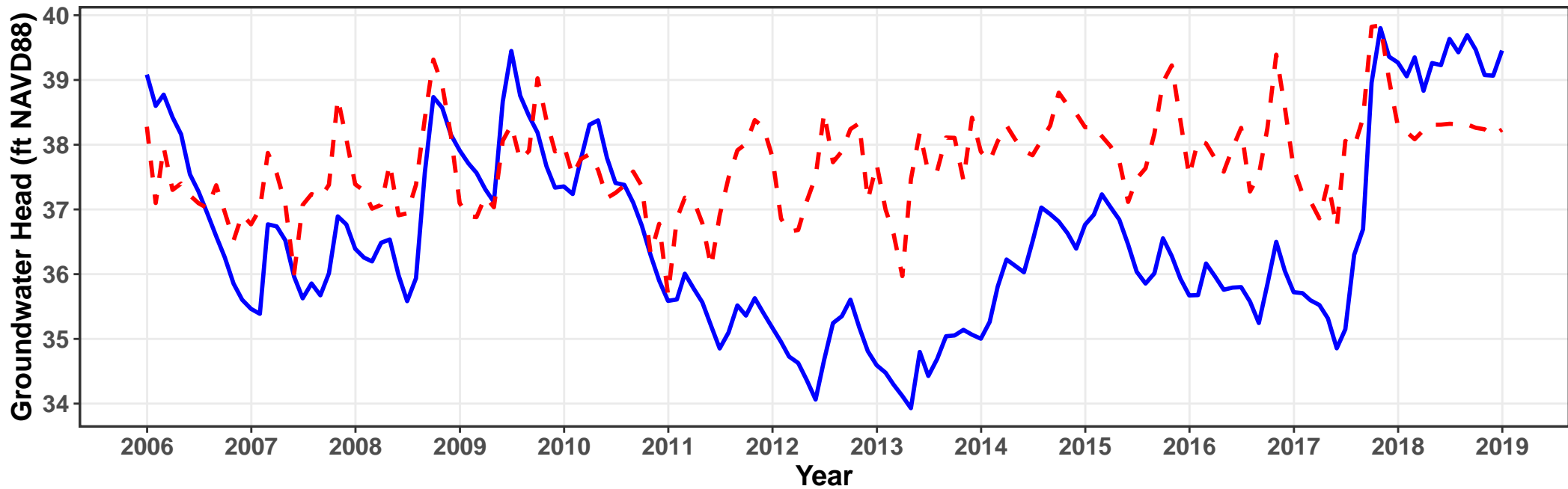
## Stage Duration Curve



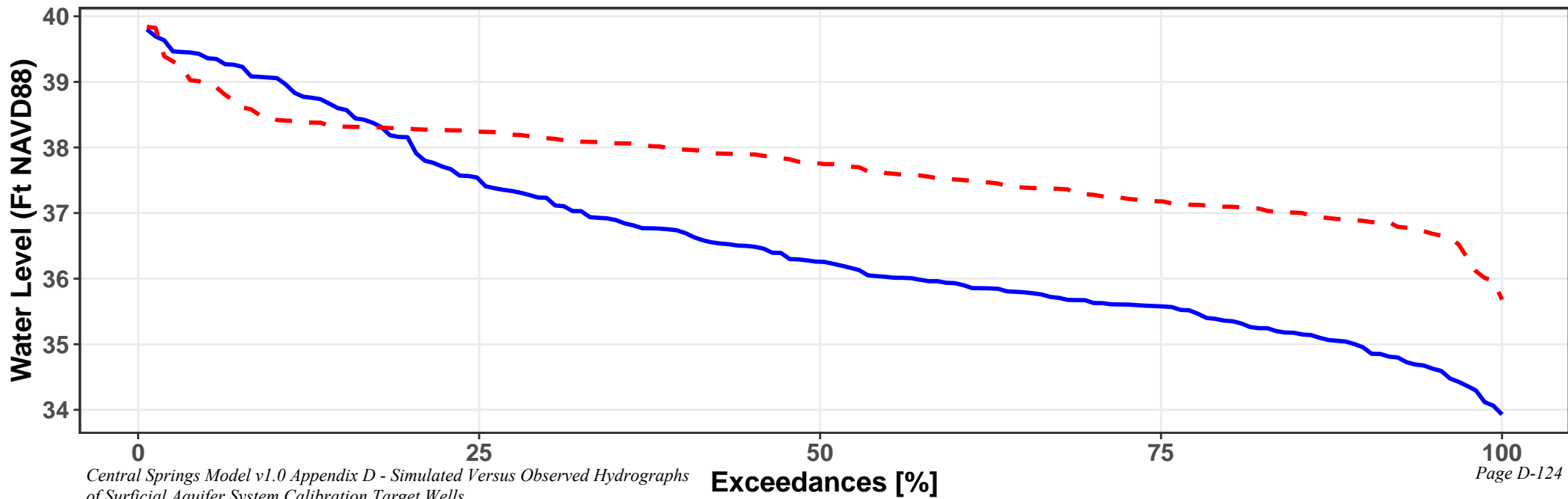
# P-2035 – SAS @ Stella Lk

ME = 1.1 MAE = 1.5  $R^2 = 0.1883$  NSE = -0.434

— Observed — Simulated



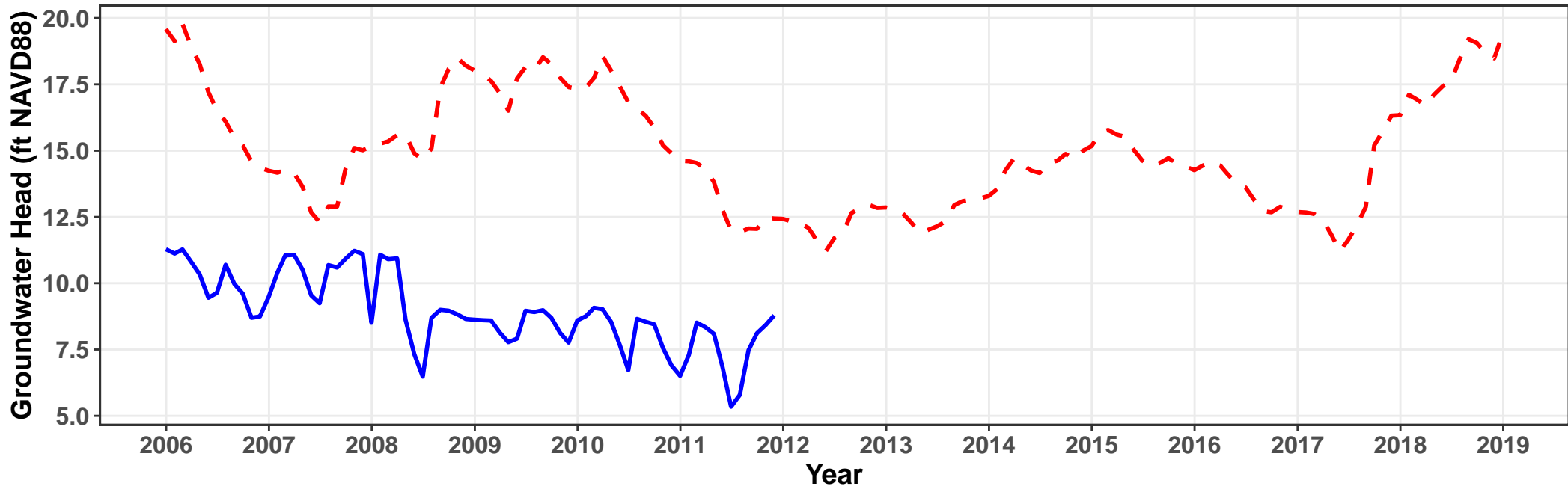
## Stage Duration Curve



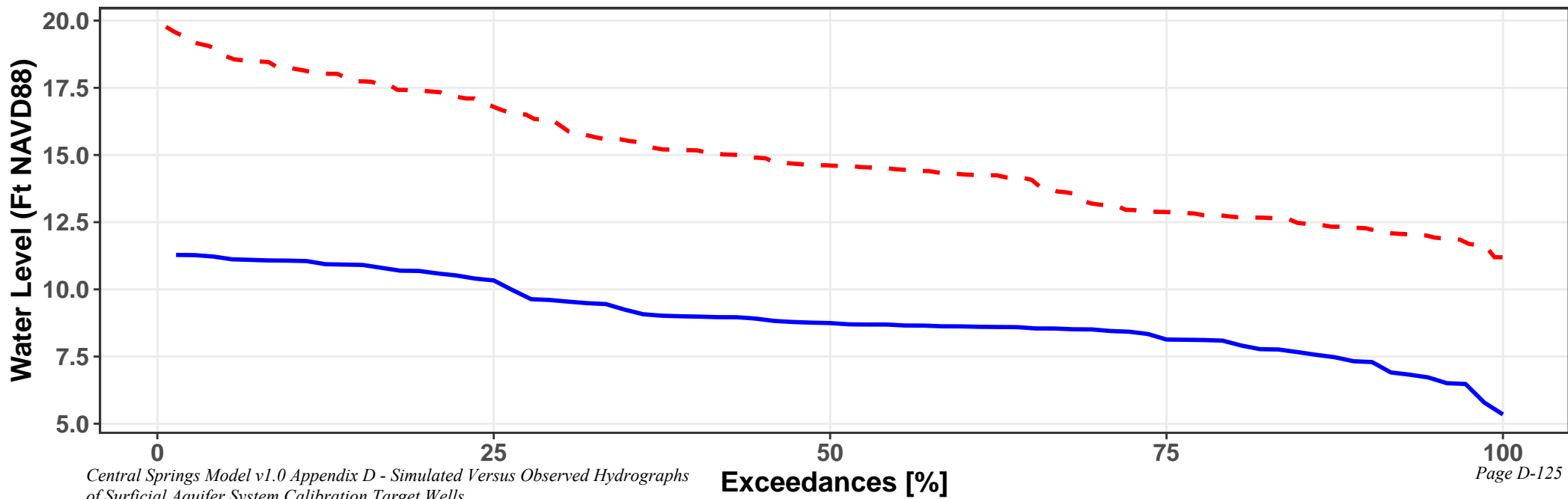
# P-4046 – SAS @ WSF Paso Fino Trl

ME = 6.8 MAE = 6.8  $R^2 = 0.0409$  NSE = -25.553

— Observed — Simulated



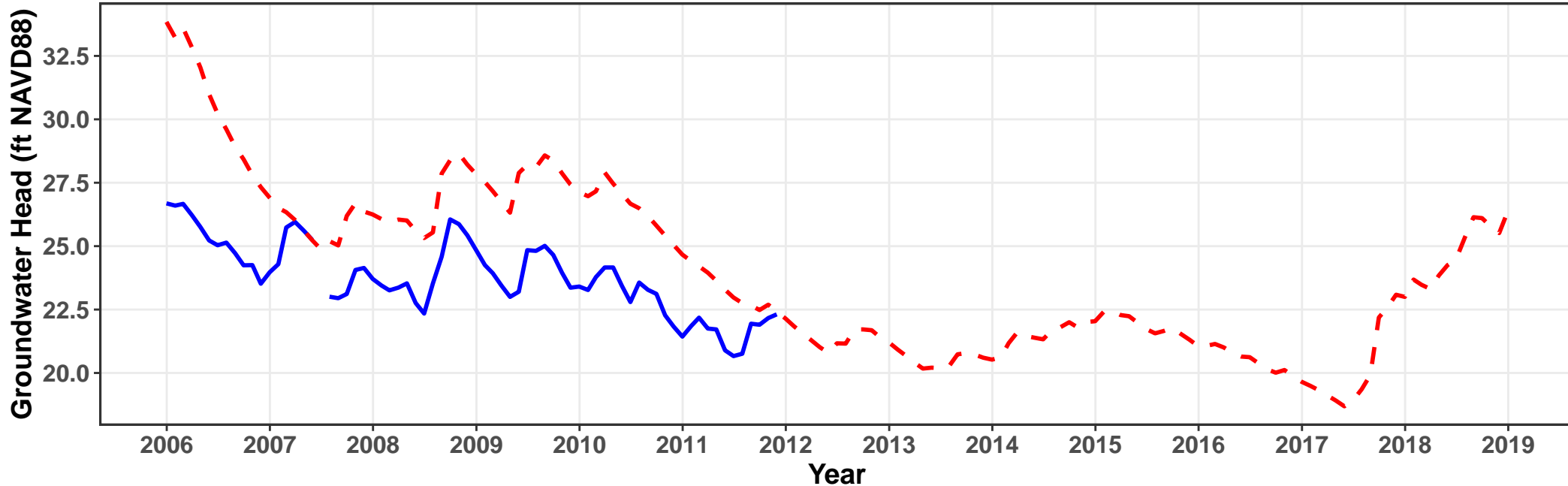
## Stage Duration Curve



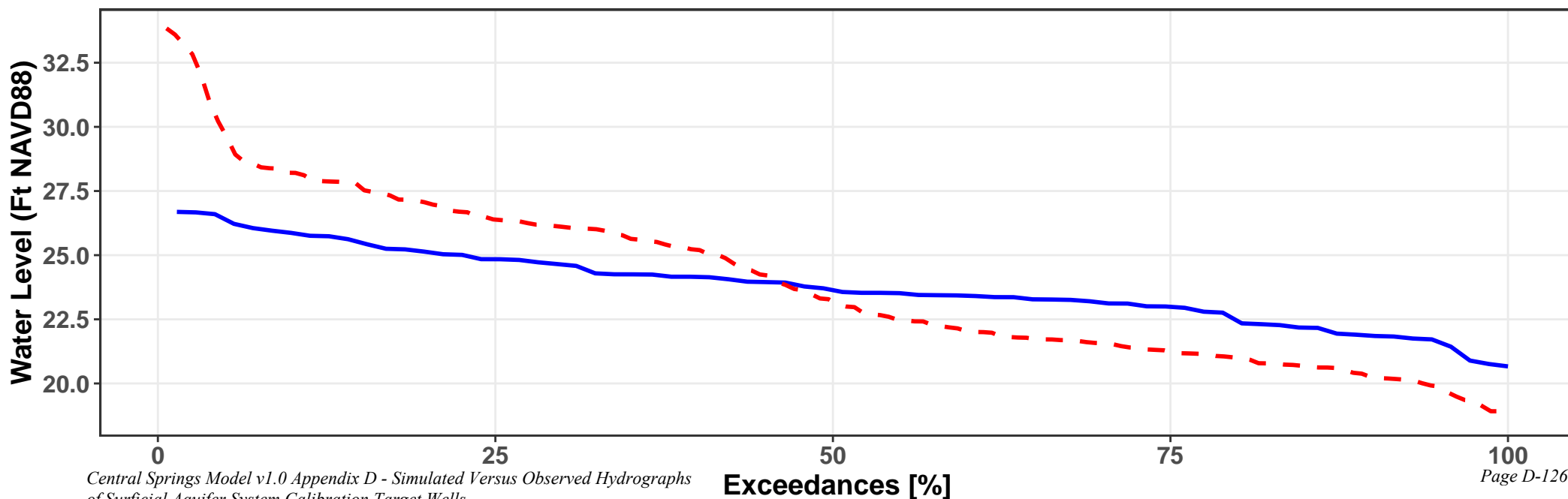
# P-4049 – SAS @ WSF Apaloosa Trl

ME = 3.1 MAE = 3.1  $R^2 = 0.6972$  NSE = -4.607

— Observed — Simulated



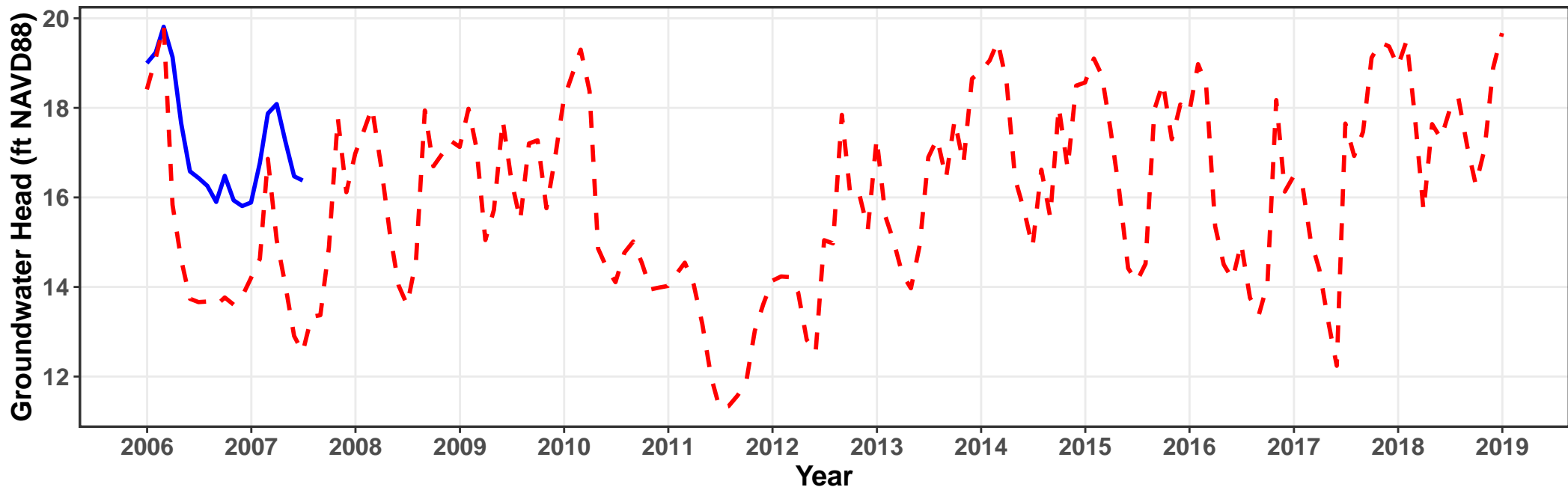
## Stage Duration Curve



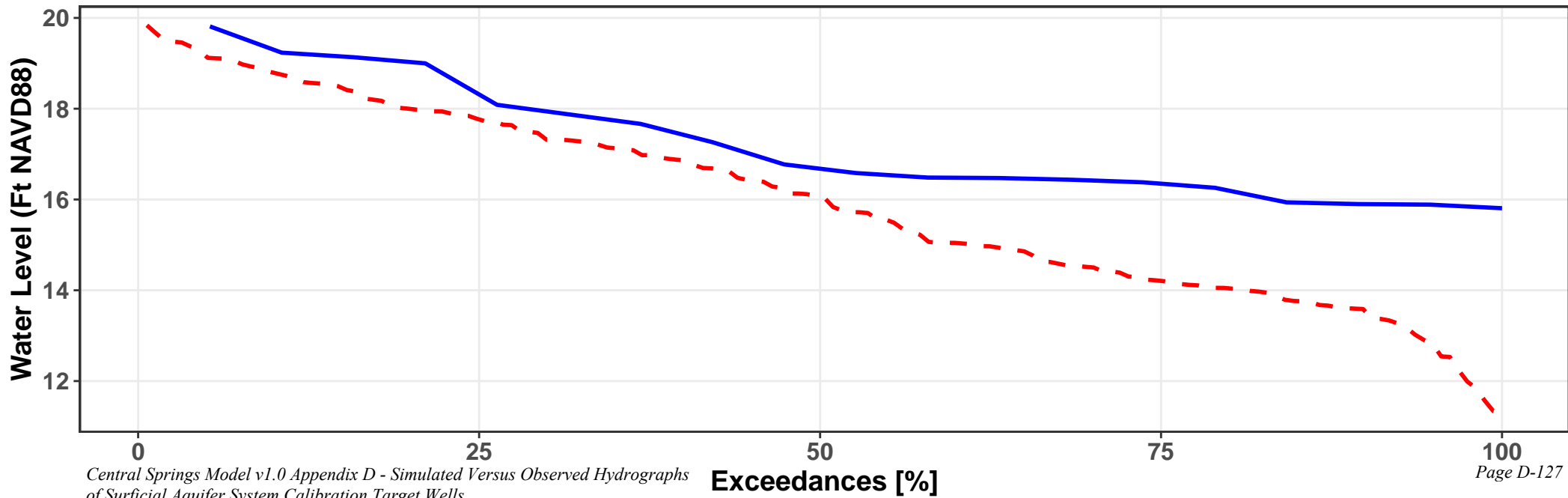
# P-4050 – SAS @ SJRWMD HQ Trl

ME = -2.3 MAE = 2.3  $R^2 = 0.7929$  NSE = -3.006

— Observed — Simulated



## Stage Duration Curve

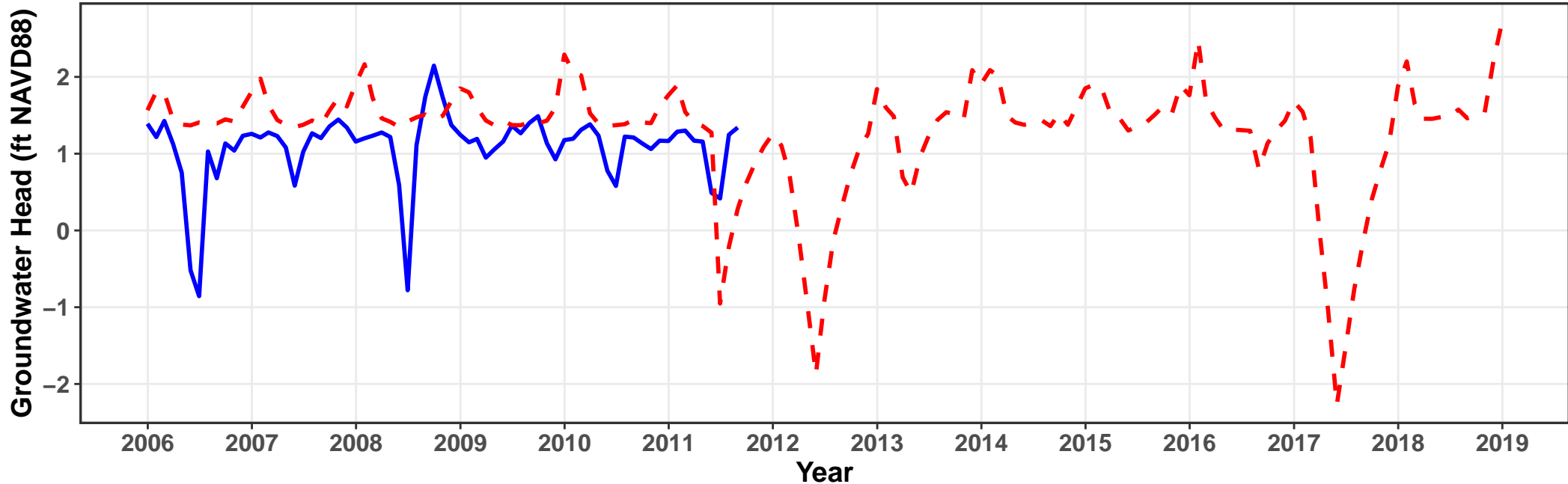




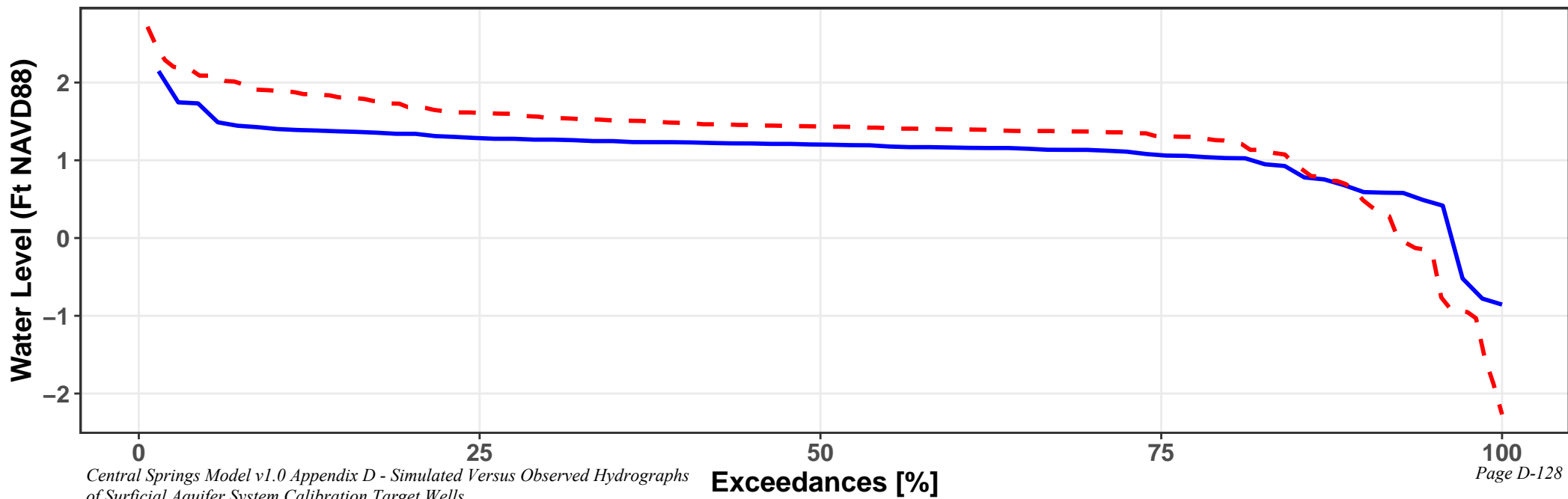
# P-4056 – SAS @ Caravelle Rice Fd Rd

ME = 0.4 MAE = 0.5  $R^2 = 0.0389$  NSE = -1.159

— Observed — Simulated



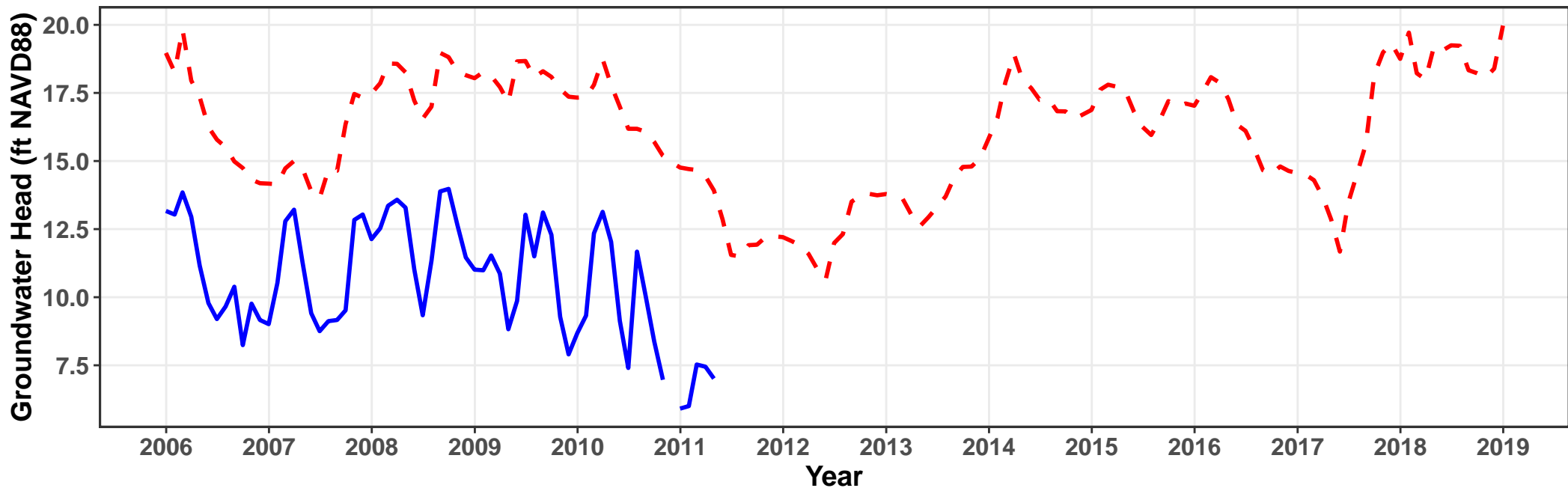
## Stage Duration Curve



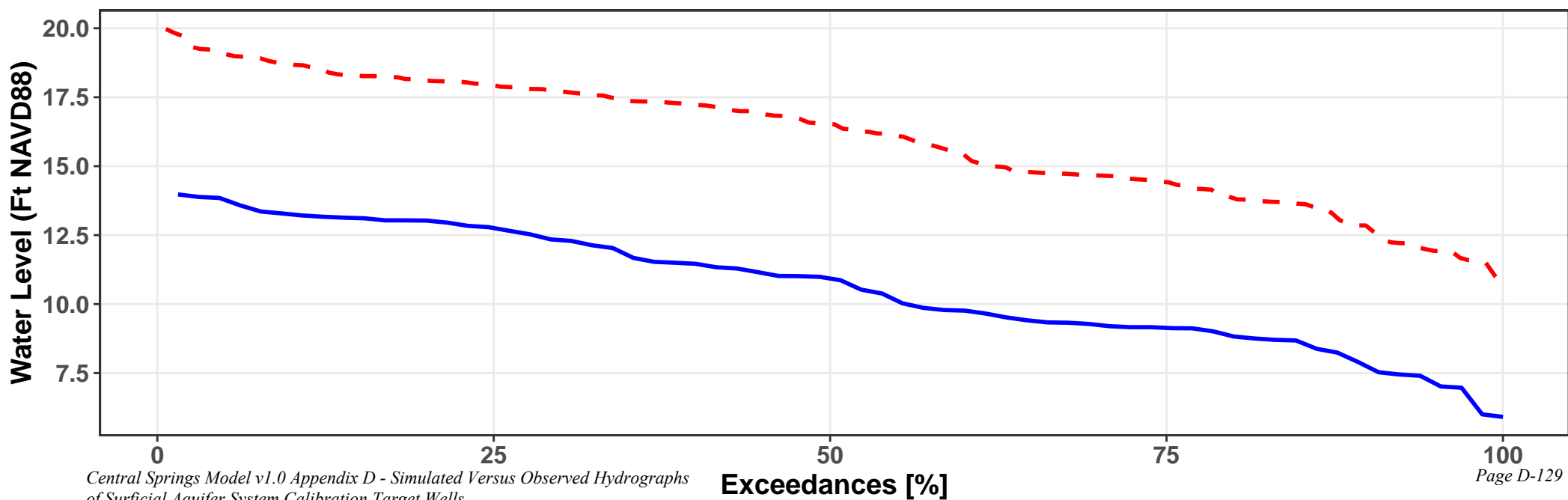
# P-4057 – SAS @ Caravelle Boundry Rd

ME = 6 MAE = 6  $R^2 = 0.4562$  NSE = -7.579

— Observed — Simulated



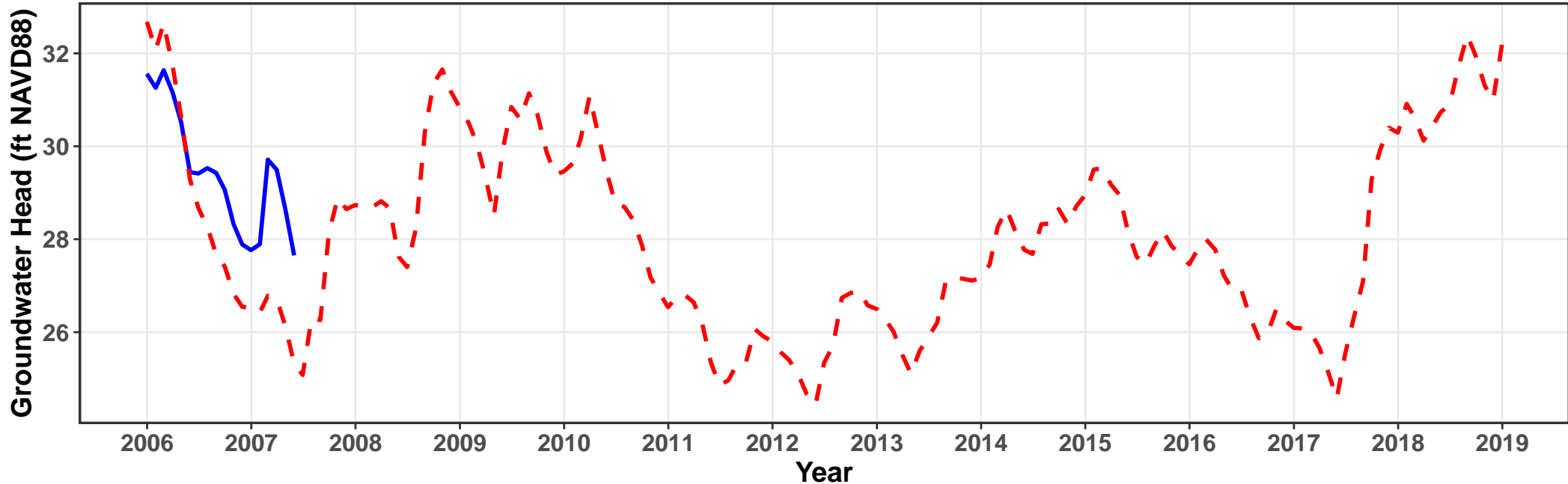
## Stage Duration Curve



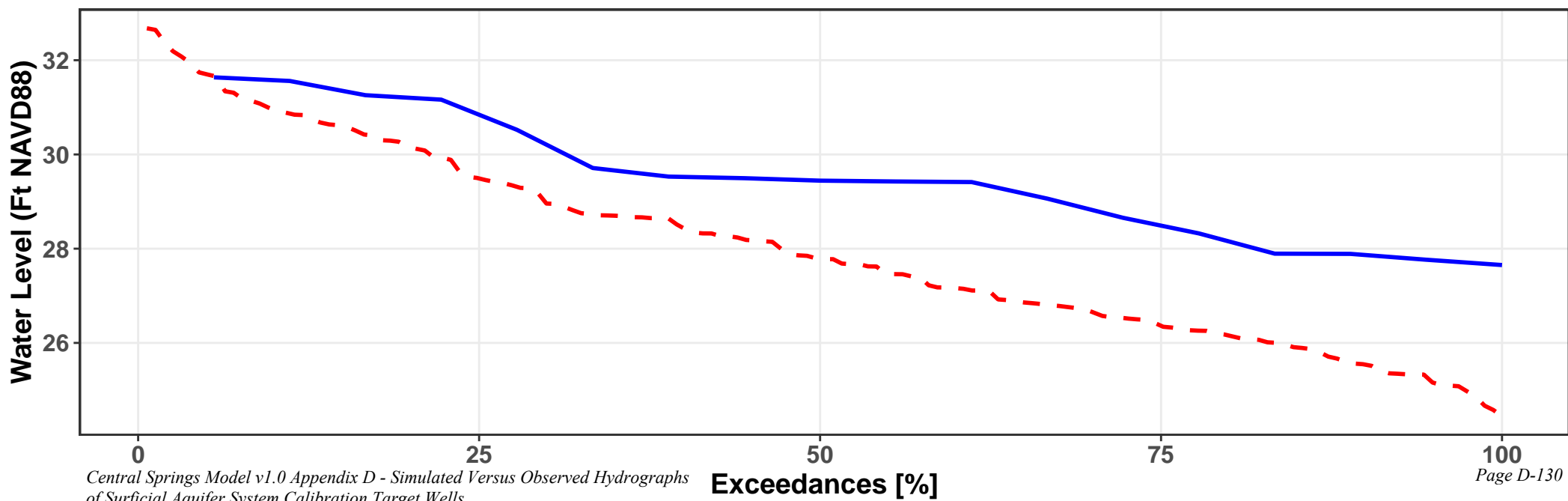
# P-4060 – SAS @ Lk George Trck Trl 1

ME = -1 MAE = 1.4  $R^2 = 0.8687$  NSE = -0.589

— Observed — Simulated



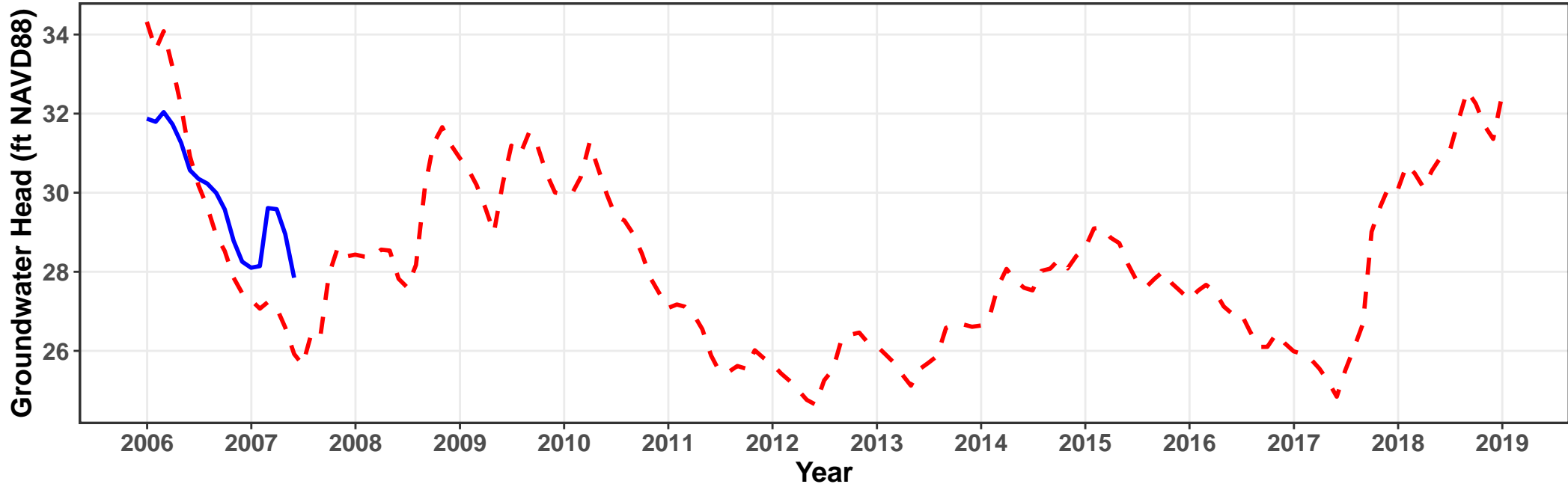
## Stage Duration Curve



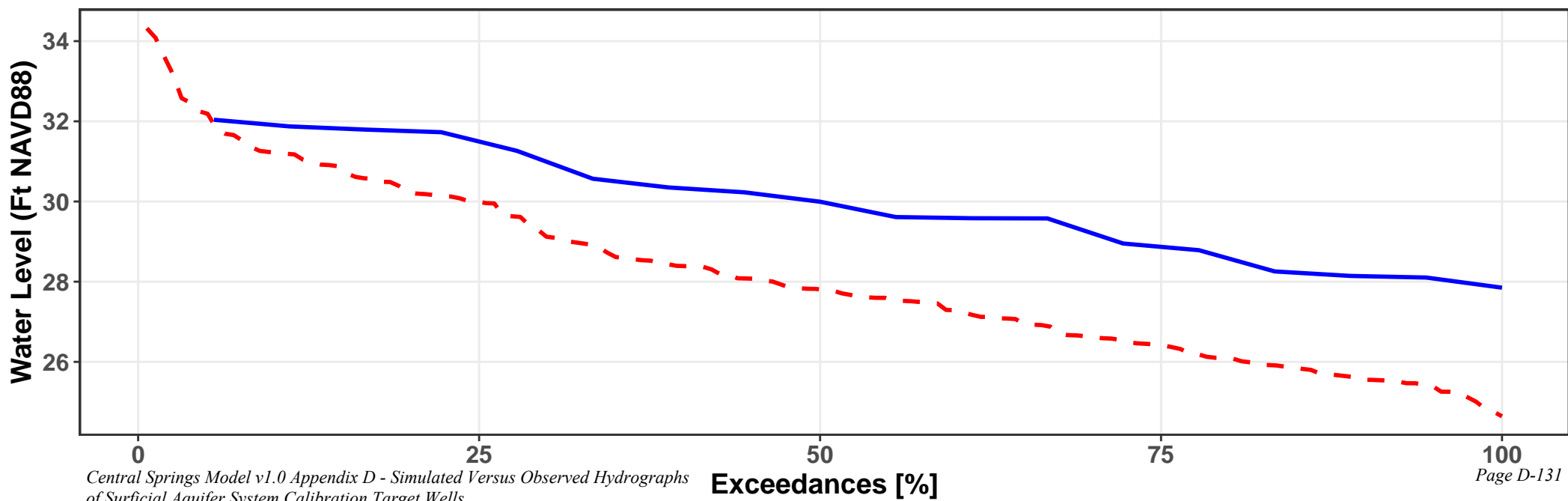
# P-4066 – SAS @ Lk George Otter Rd

ME = -0.4 MAE = 1.4  $R^2 = 0.897$  NSE = -0.3

— Observed — Simulated



## Stage Duration Curve

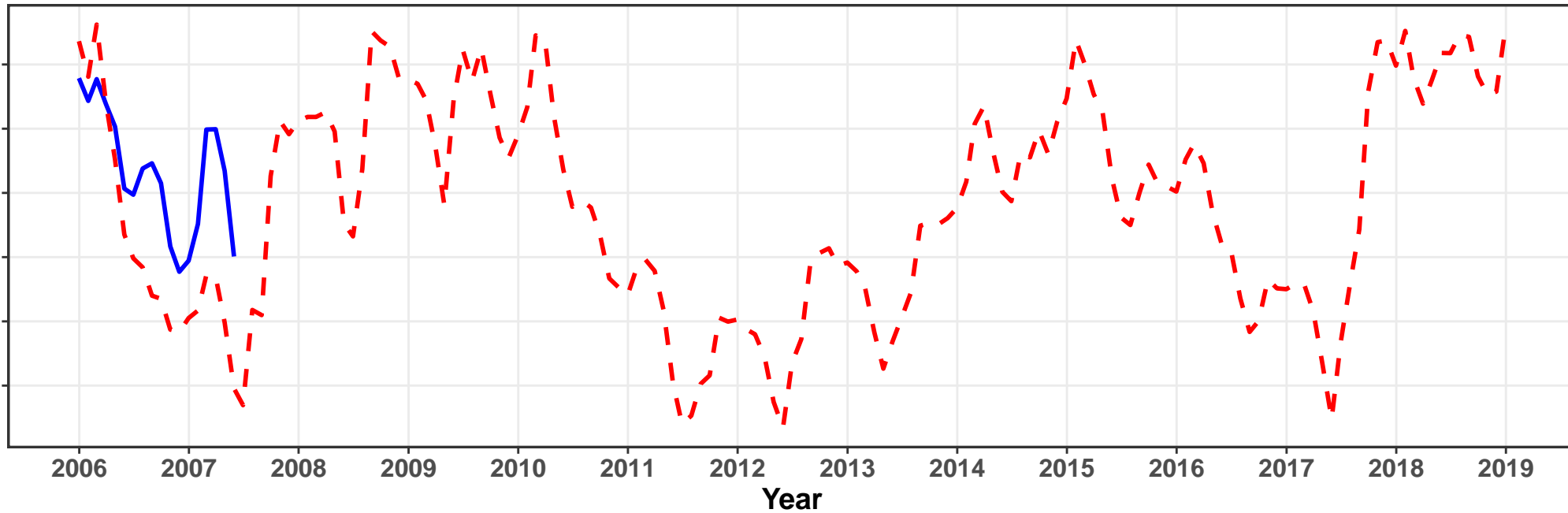


# P-4071 – SAS @ Lk George TT 1 nr 2

ME = -1.1 MAE = 1.3  $R^2 = 0.7221$  NSE = -1.352

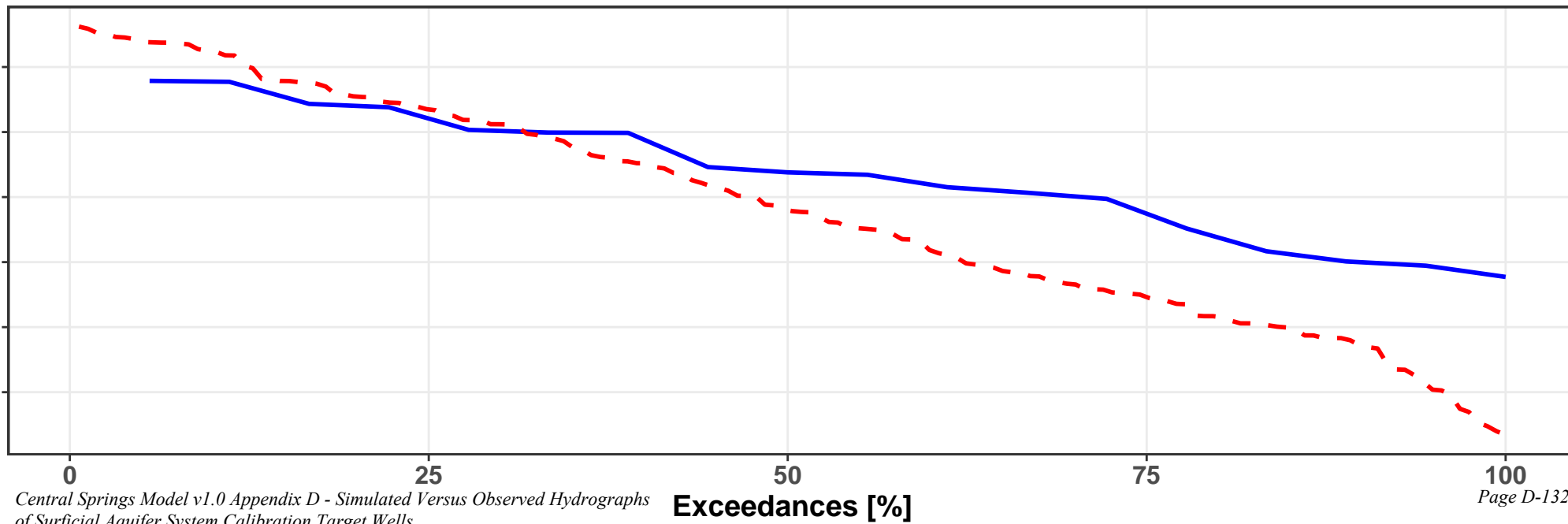
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

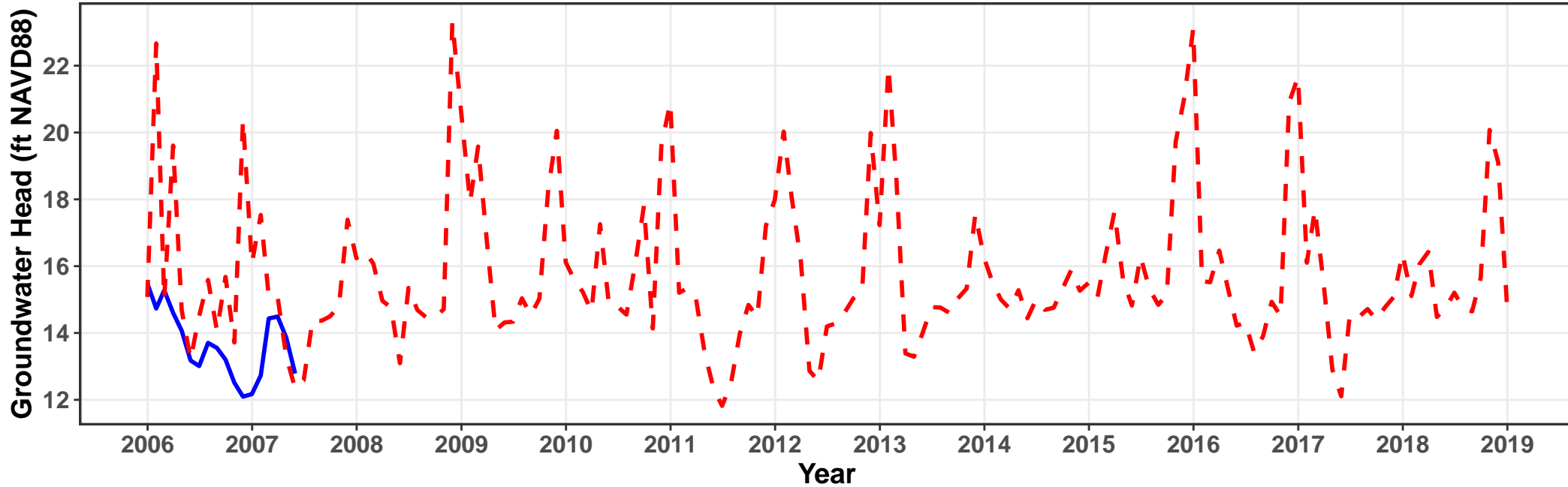
Water Level (Ft NAVD88)



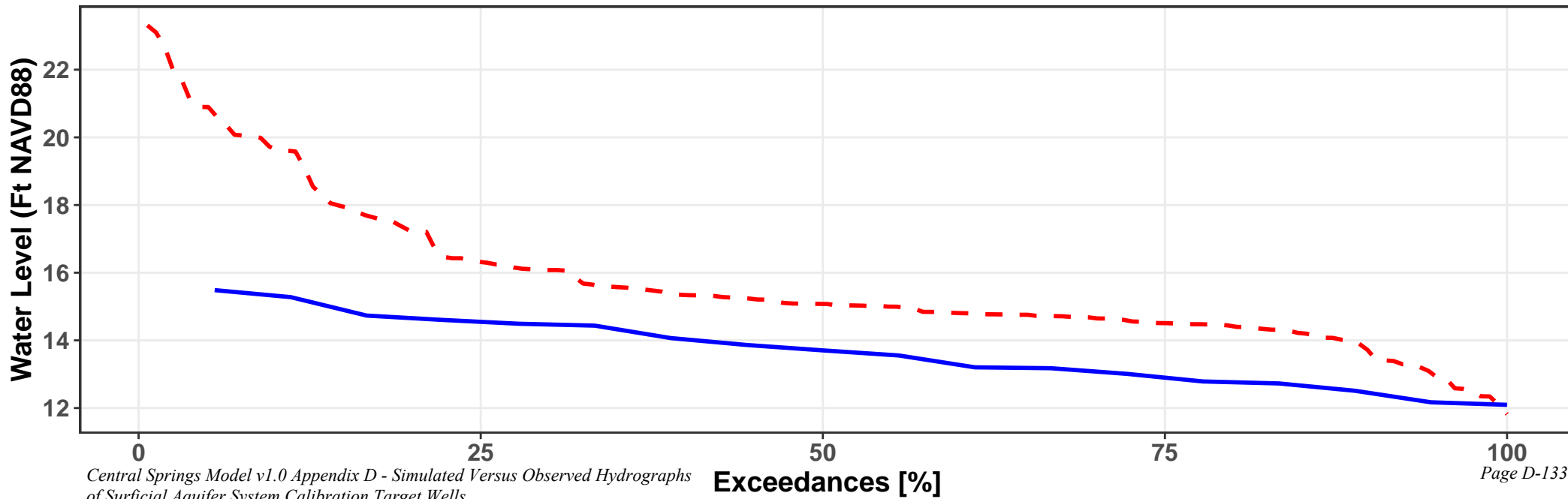
# P-4074 – SAS @ Lk George Trck Trl 2

ME = 2.1 MAE = 2.3  $R^2 = 0.0105$  NSE = -10.699

— Observed — Simulated



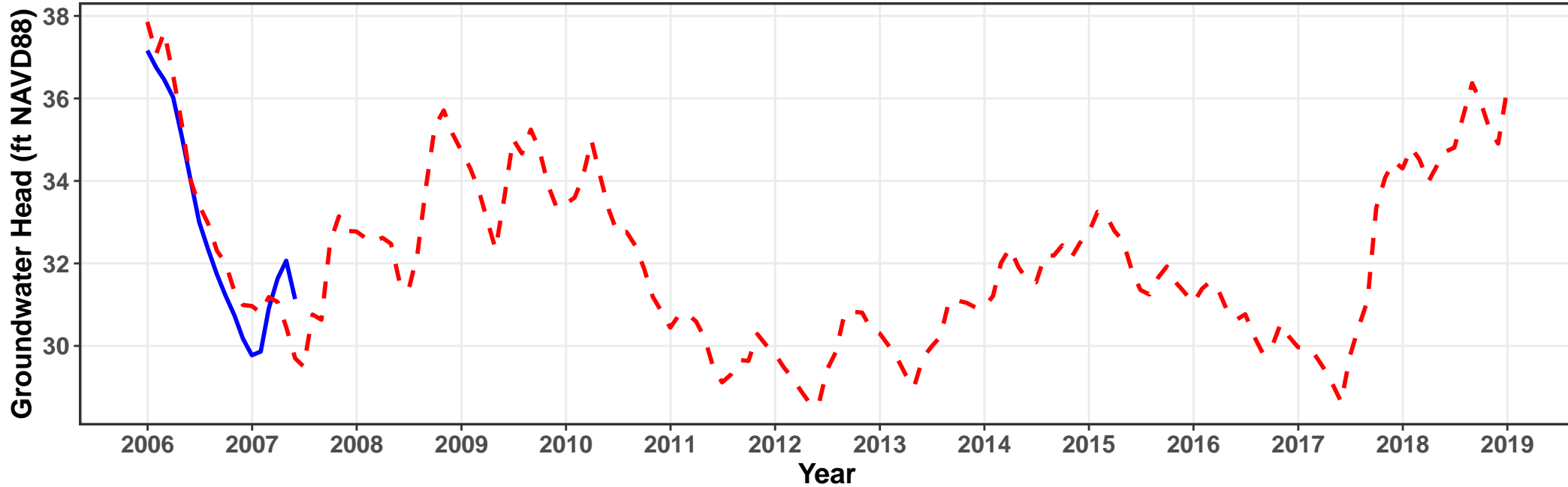
## Stage Duration Curve



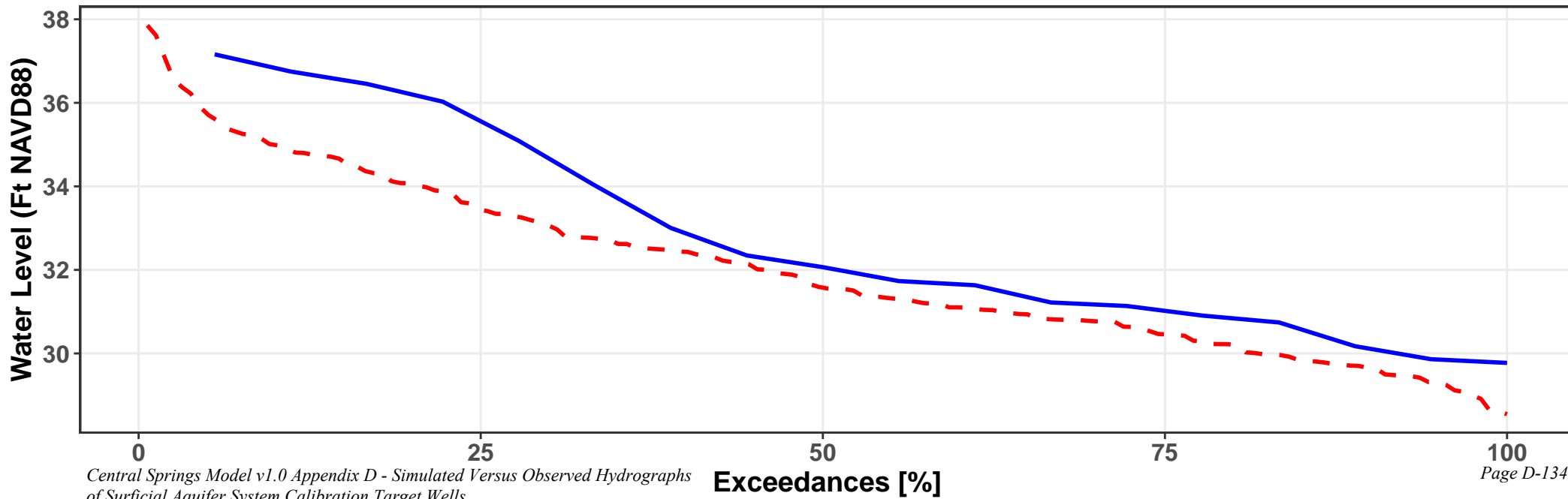
# P-4075 – SAS @ Lk George HF Camp Rd

ME = 0.3 MAE = 0.7  $R^2 = 0.9156$  NSE = 0.885

— Observed — Simulated



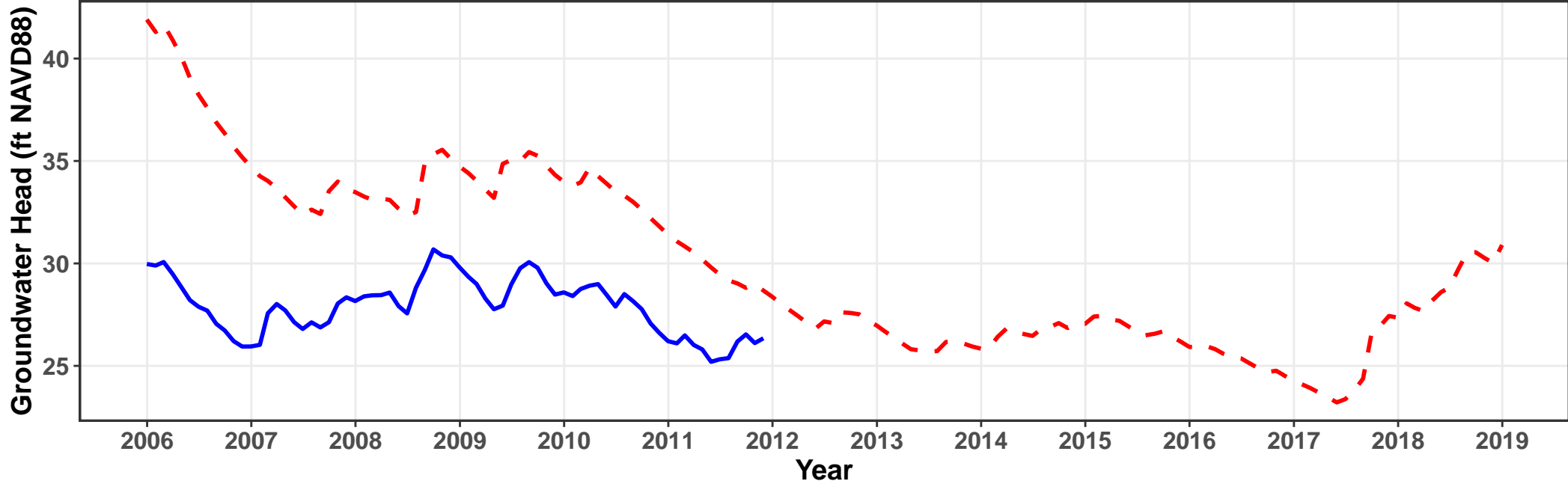
## Stage Duration Curve



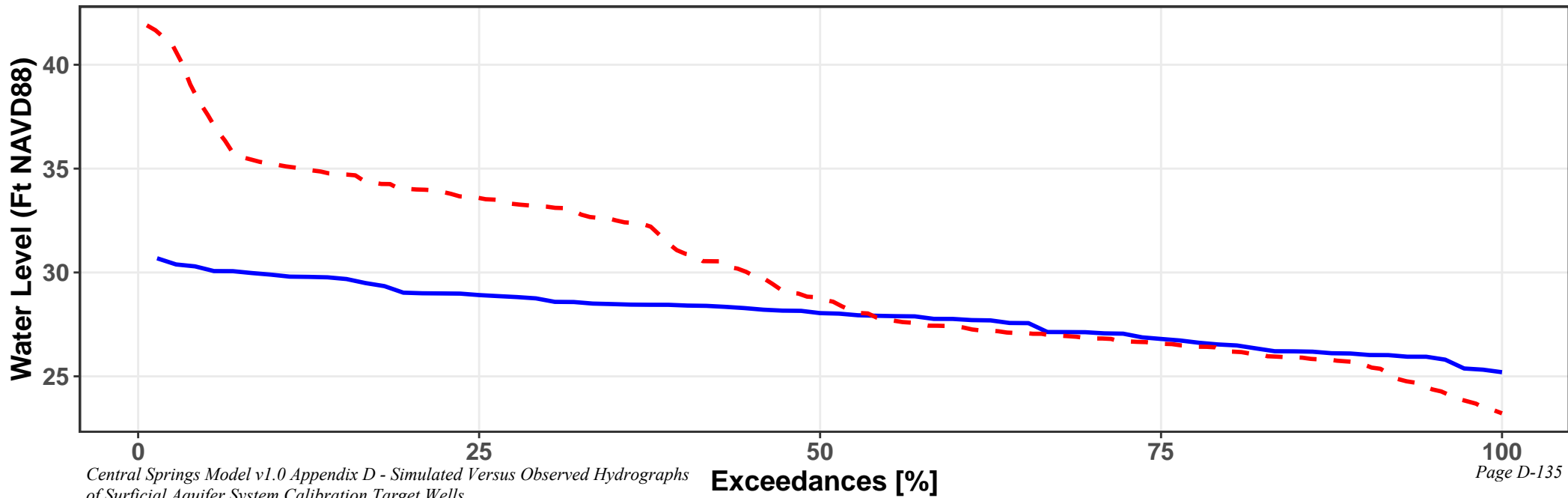
# P-4077 – SAS @ WSF Fire Break

ME = 6 MAE = 6  $R^2 = 0.3953$  NSE = -20.8

— Observed — Simulated



## Stage Duration Curve



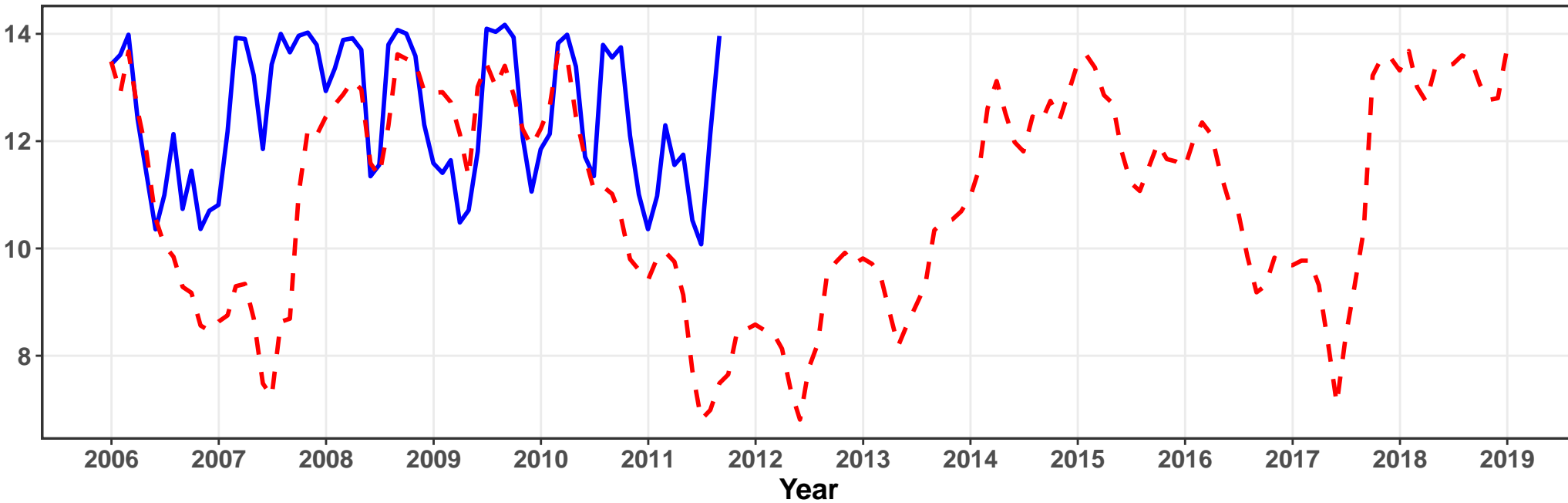


# P-4079 – SAS @ Ocala Nat Forest 77

ME = -1.4 MAE = 1.7  $R^2 = 0.1637$  NSE = -2.309

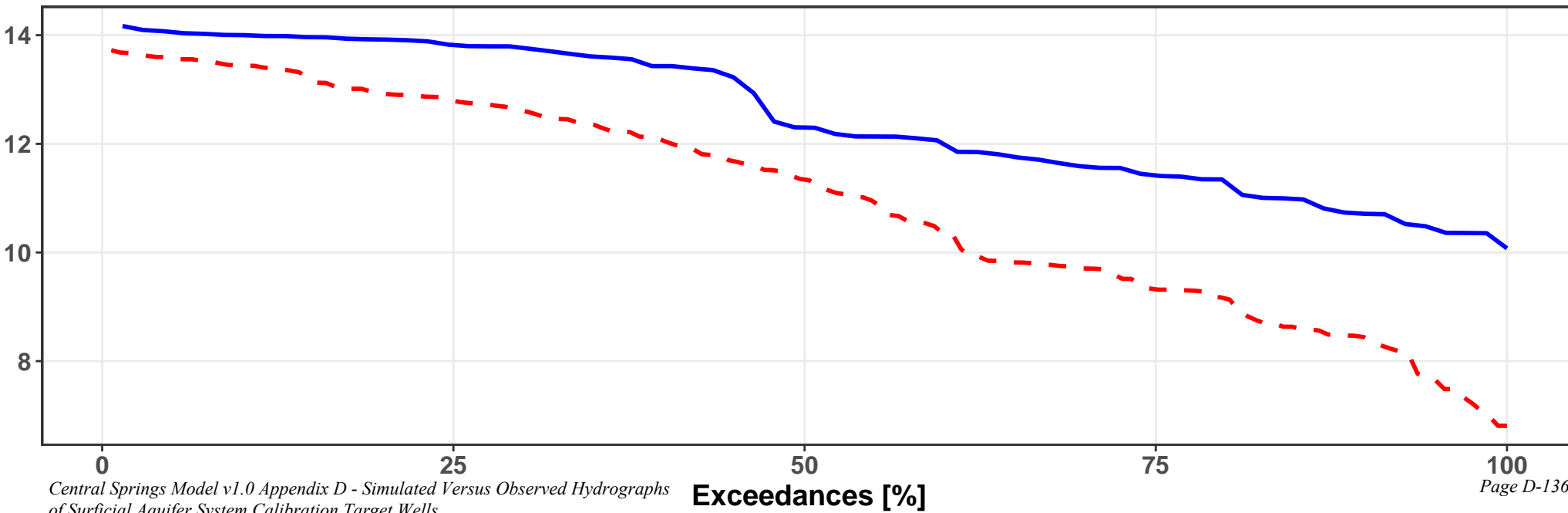
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

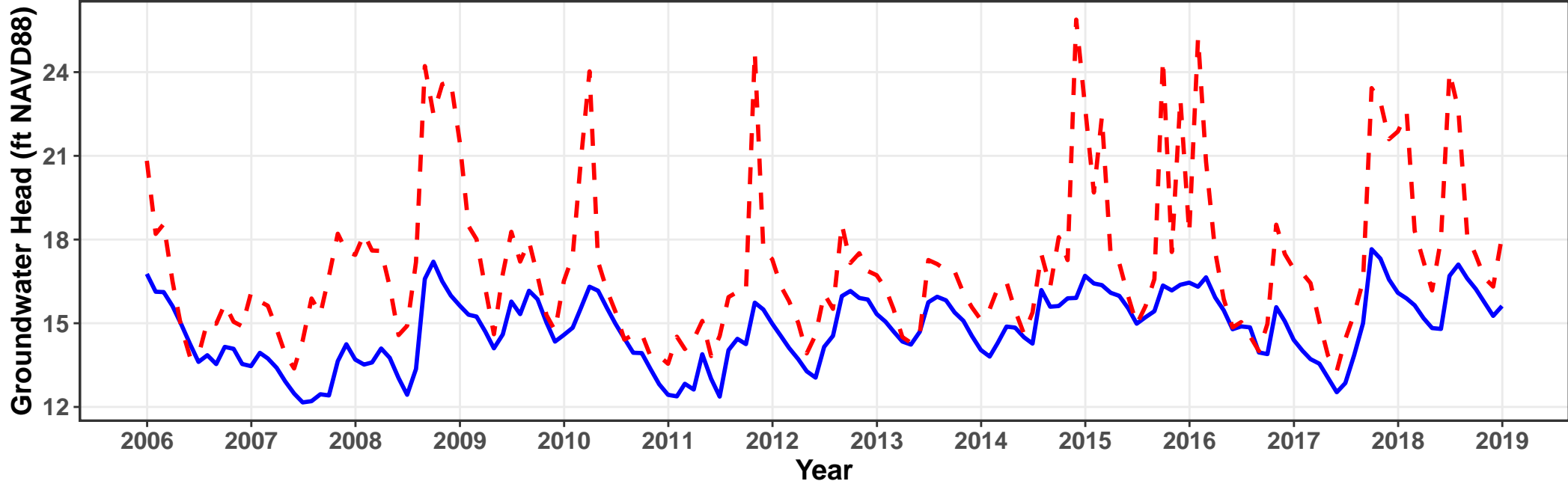
Water Level (Ft NAVD88)



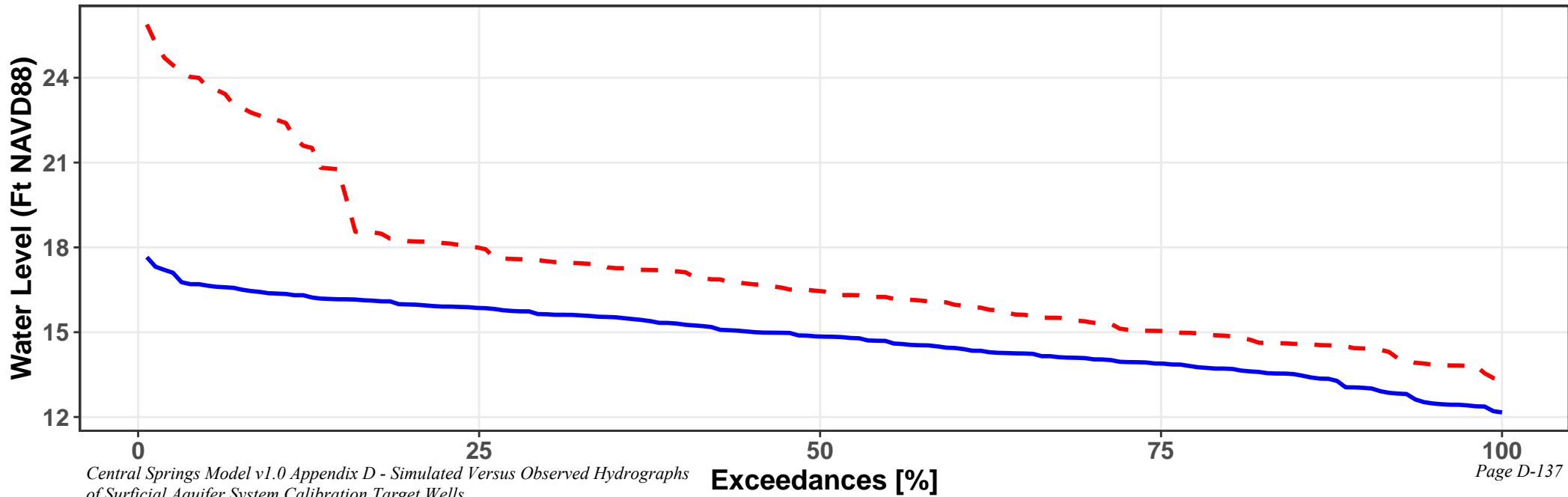
# S-0266 – SAS @ Osceola Landfill

ME = 2.3 MAE = 2.3  $R^2 = 0.5379$  NSE = -5.079

— Observed — Simulated



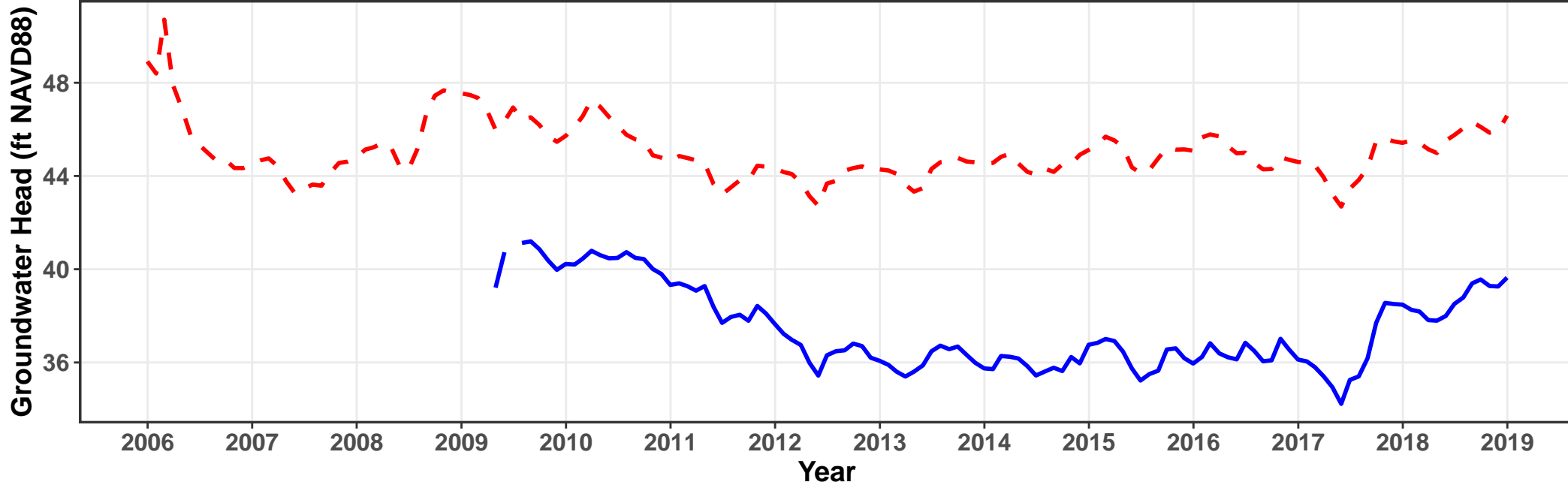
## Stage Duration Curve



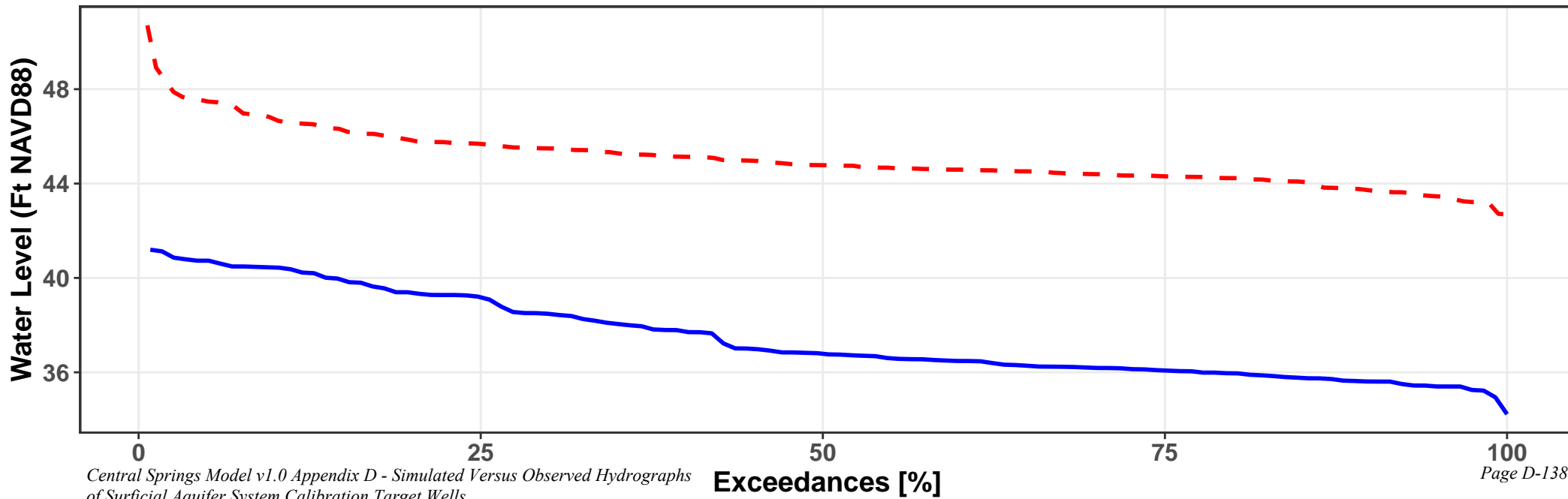
# S-0716 – SAS @ Sylvan Lk Wells

ME = 7.4 MAE = 7.4  $R^2 = 0.5214$  NSE = -17.096

— Observed — Simulated



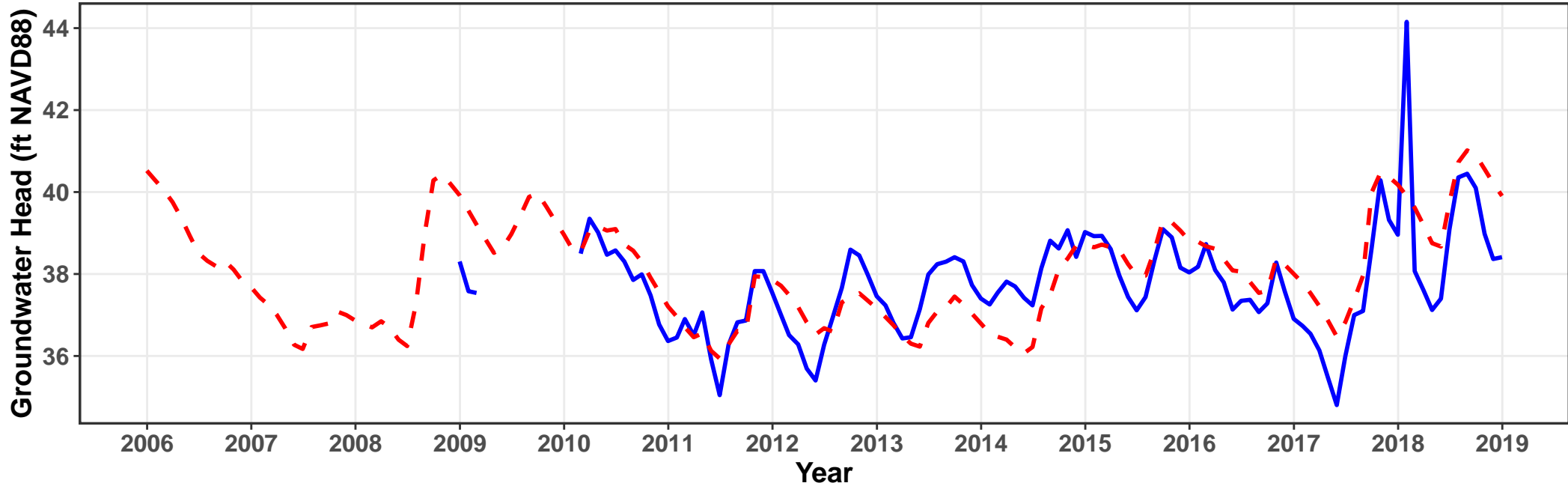
## Stage Duration Curve



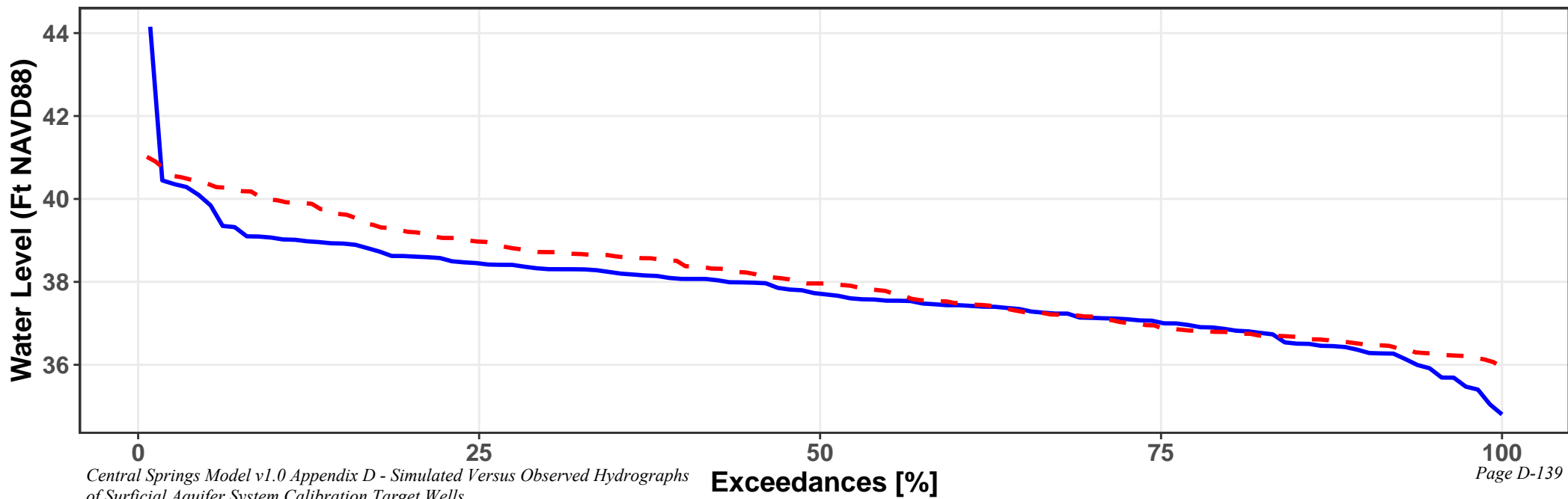
# S-0720 – SAS @ Mills Lk Wells

ME = 0.3 MAE = 0.8  $R^2 = 0.5032$  NSE = 0.381

— Observed - - Simulated



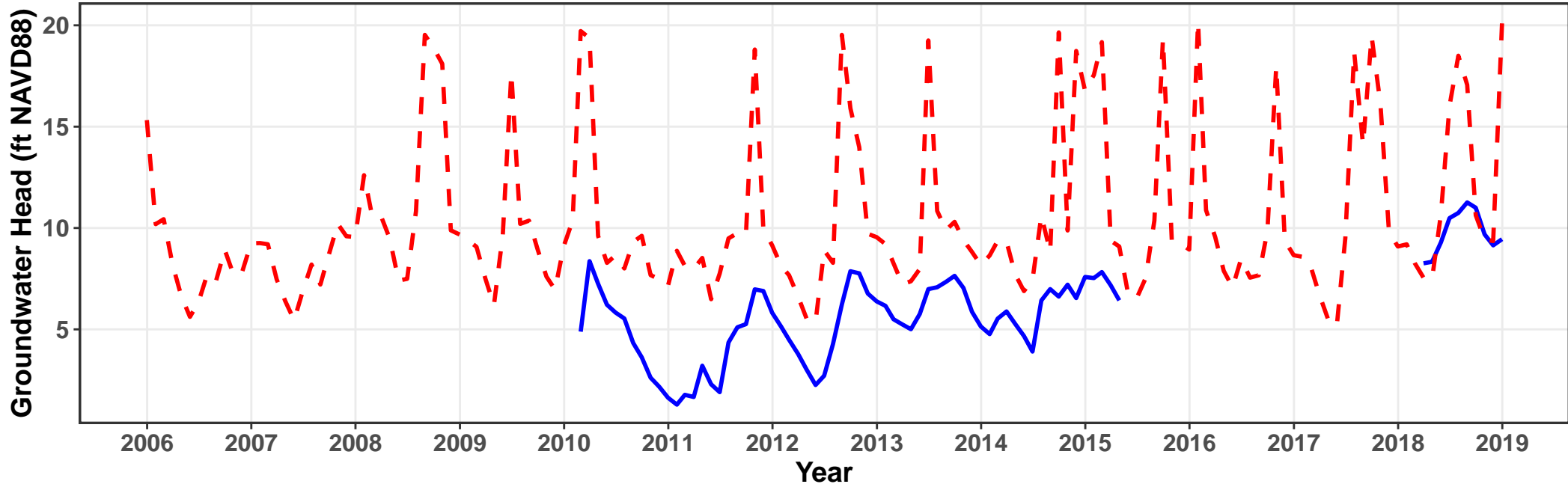
## Stage Duration Curve



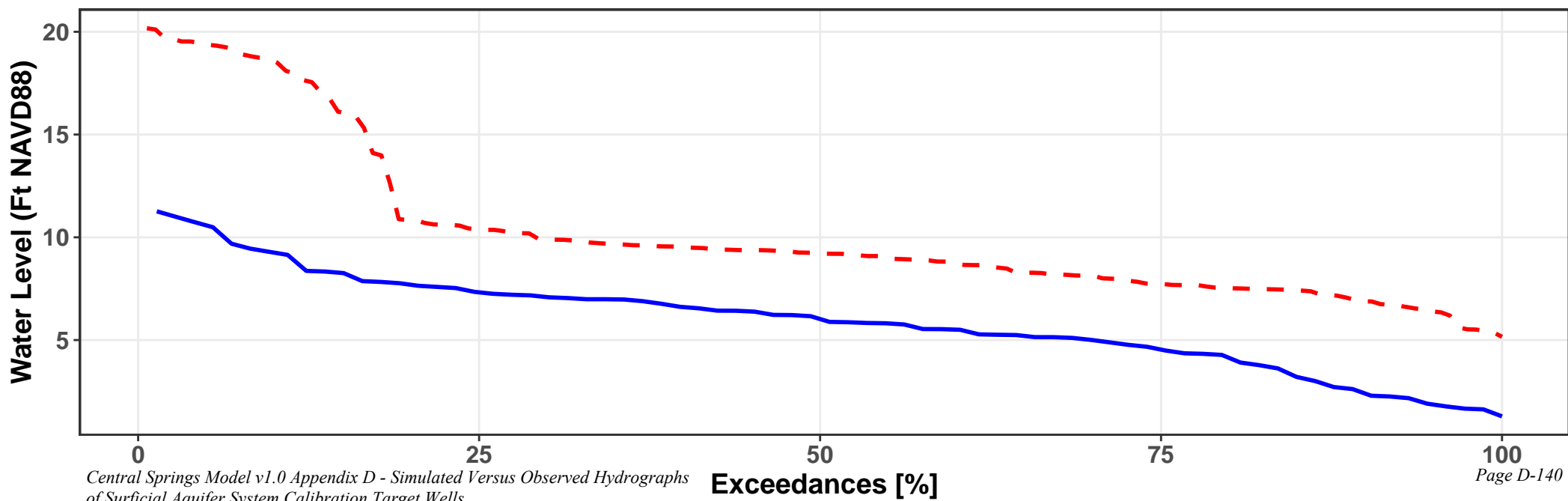
# S-0991 – SAS @ Lk Jesup Wells

ME = 4.8 MAE = 4.8  $R^2 = 0.2899$  NSE = -5.392

— Observed — Simulated



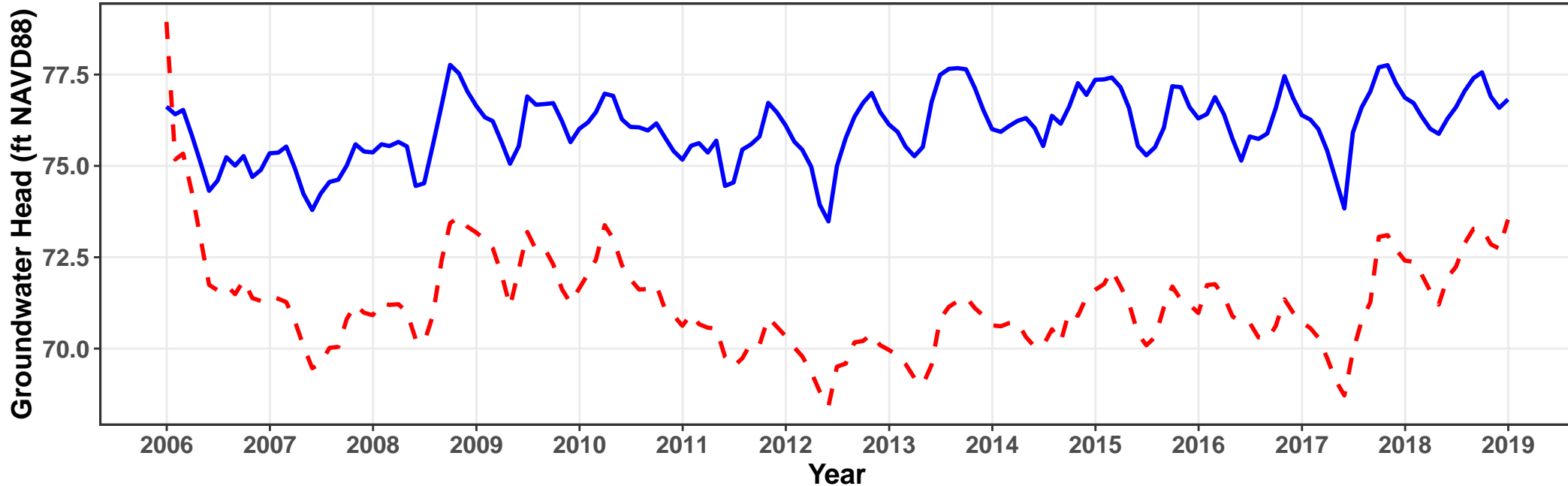
## Stage Duration Curve



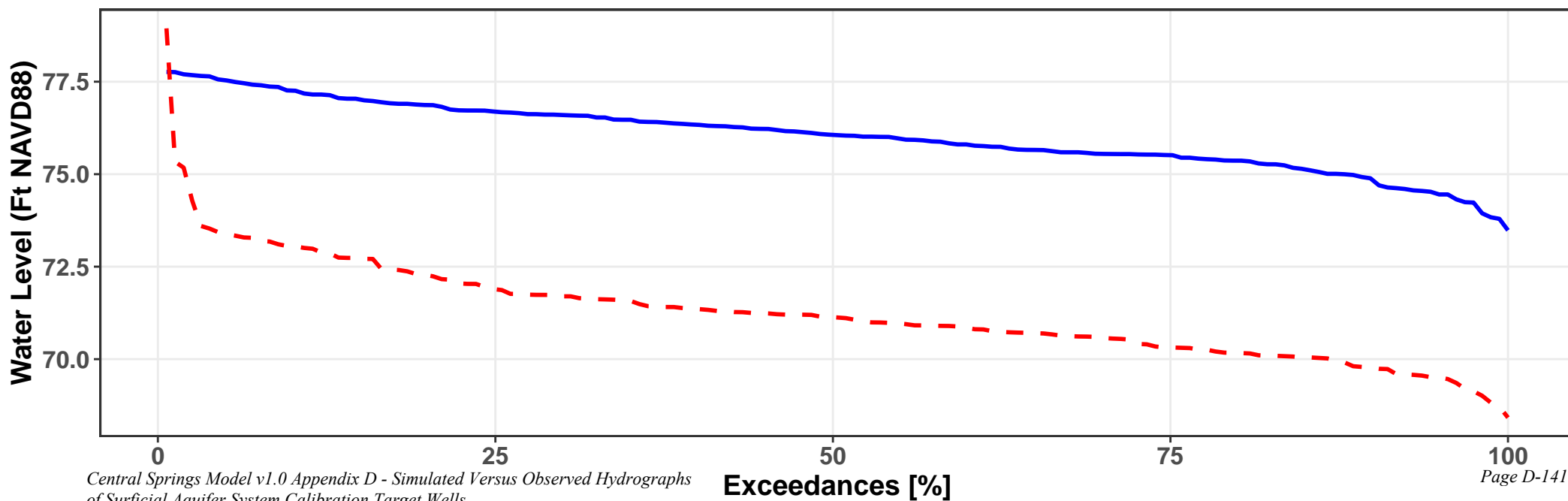
# S-1015 – SAS @ Charlotte St

ME = -4.8 MAE = 4.8  $R^2 = 0.2738$  NSE = -28.059

— Observed — Simulated



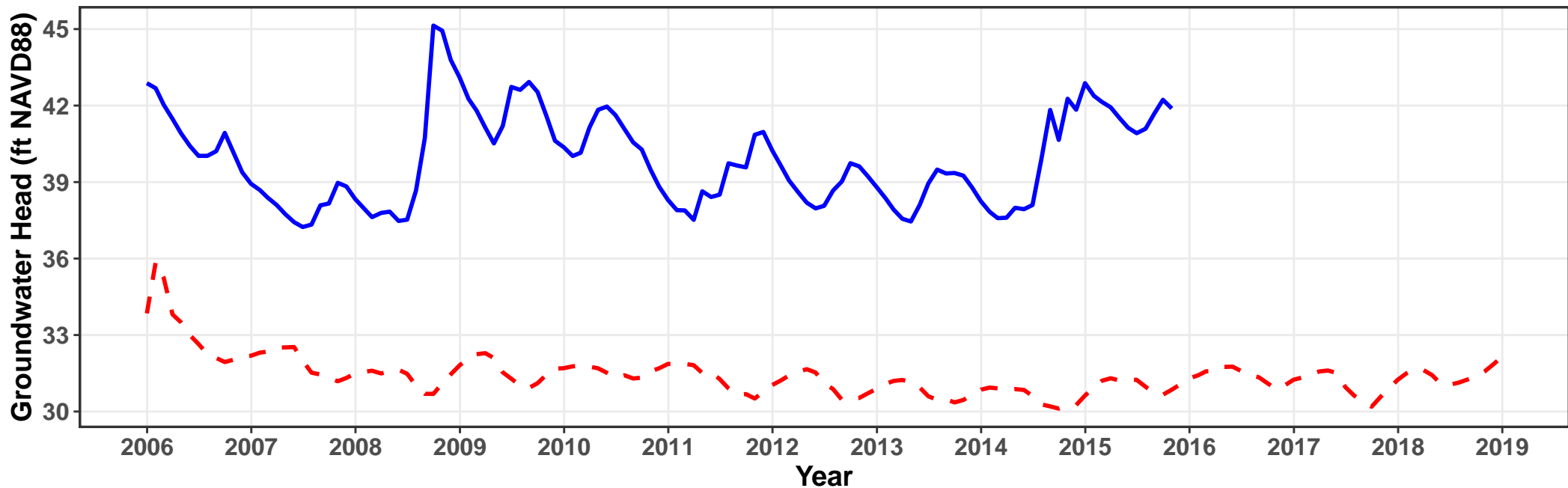
## Stage Duration Curve



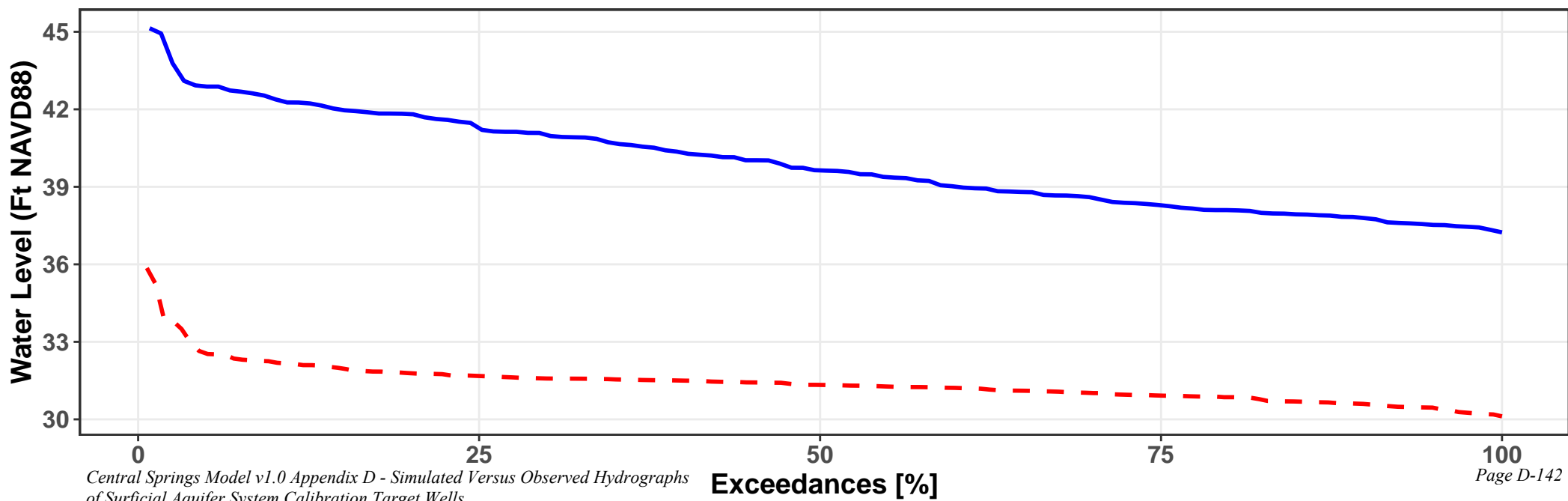
# S-1023 – SAS @ Geneva Replacement

ME = -8.5 MAE = 8.5  $R^2 = 0.0056$  NSE = -21.814

— Observed — Simulated



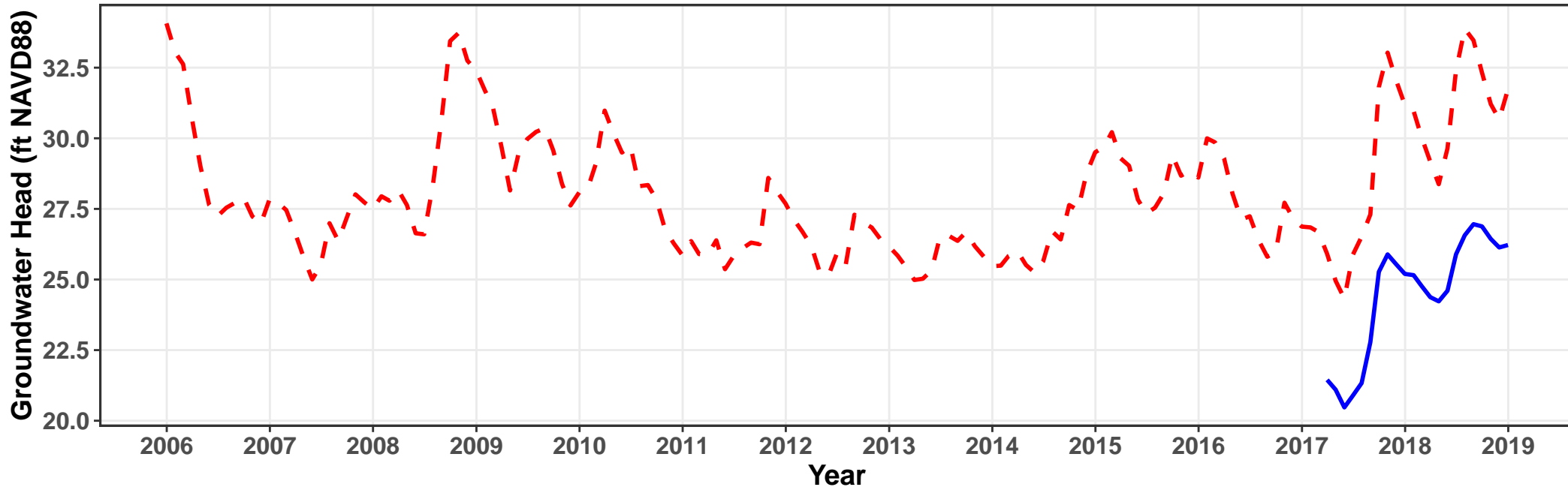
## Stage Duration Curve



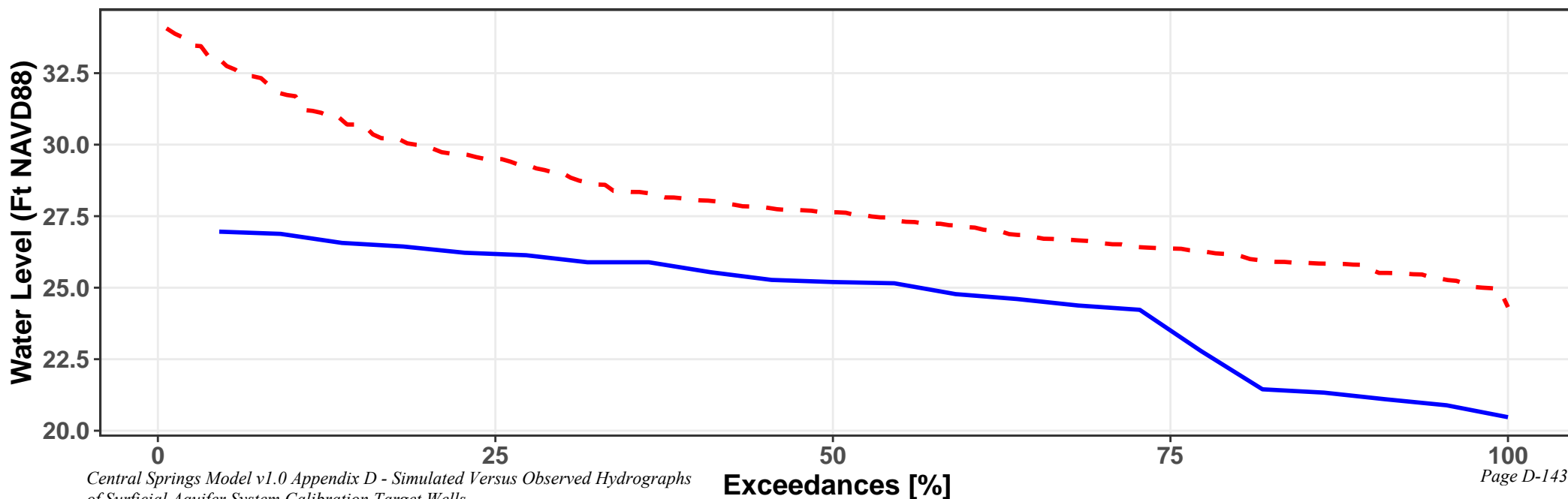
# S-1046 – SAS @ Lk Proctor

ME = 5.4 MAE = 5.4  $R^2 = 0.9261$  NSE = -5.966

— Observed — Simulated



## Stage Duration Curve

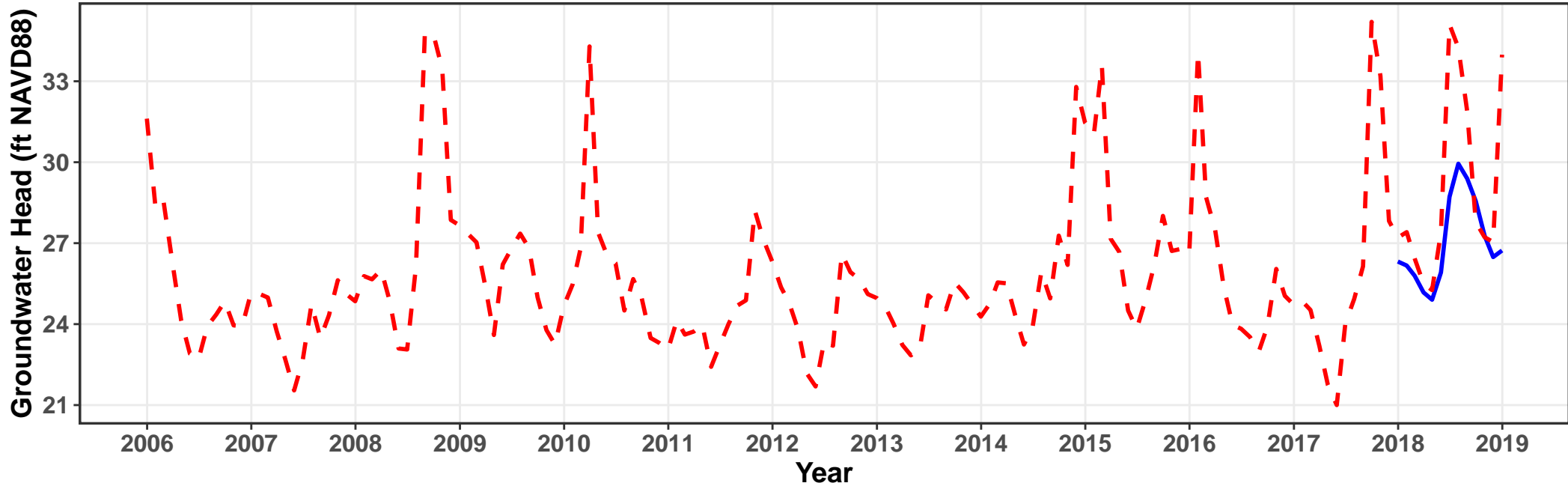




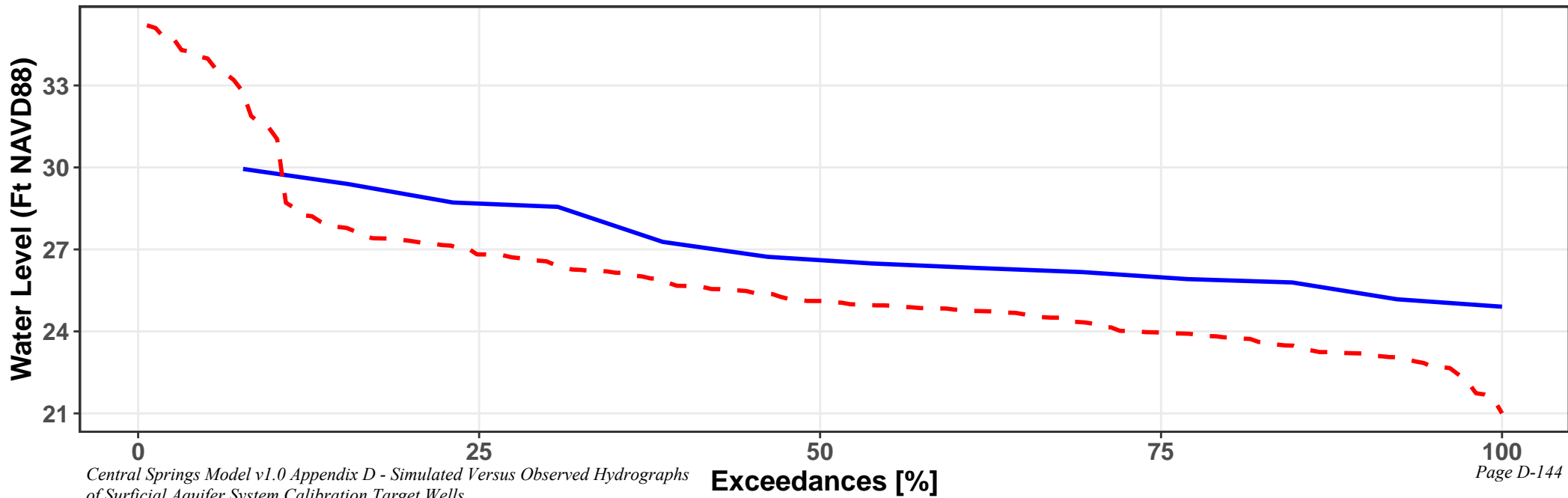
# S-1047 – SAS @ Econ SF North

ME = 1.9 MAE = 2.1  $R^2 = 0.5721$  NSE = -2.921

— Observed — Simulated



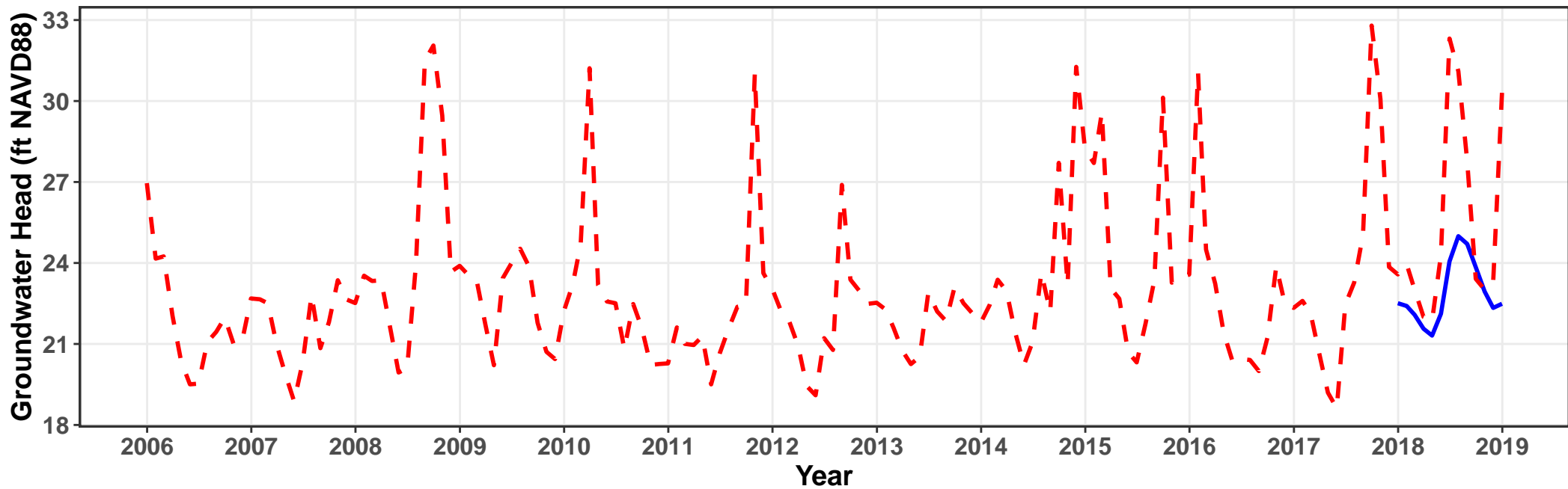
## Stage Duration Curve



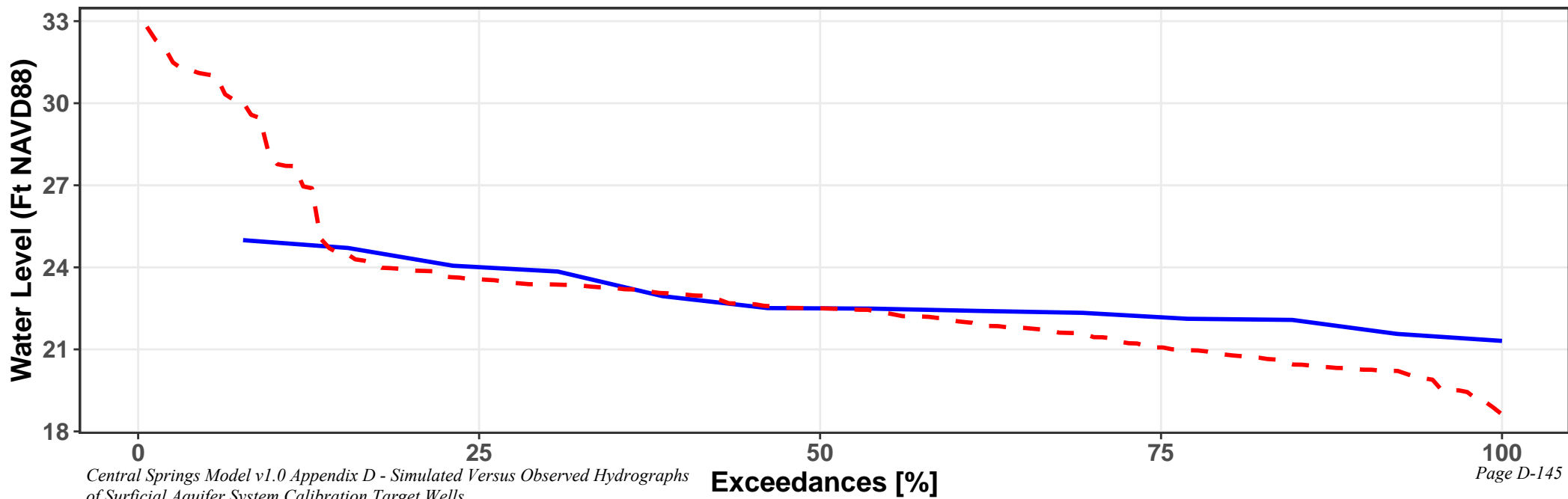
# S-1051 – SAS @ Econ SF South

ME = 2.5 MAE = 2.6  $R^2 = 0.4883$  NSE = -10.434

— Observed — Simulated



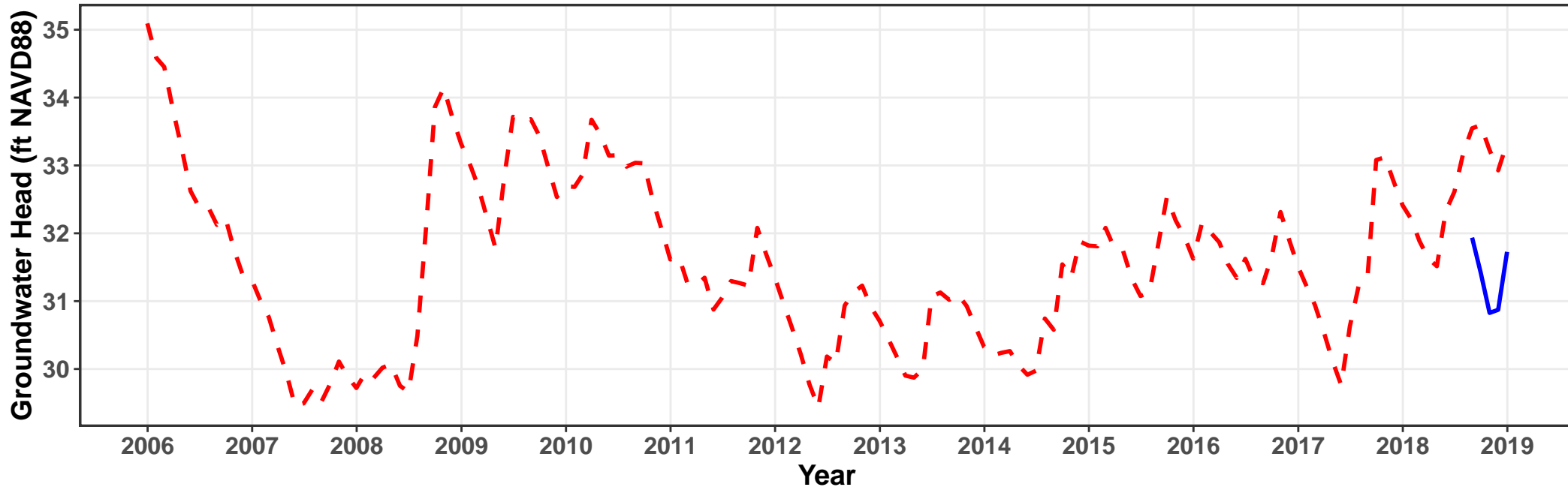
## Stage Duration Curve



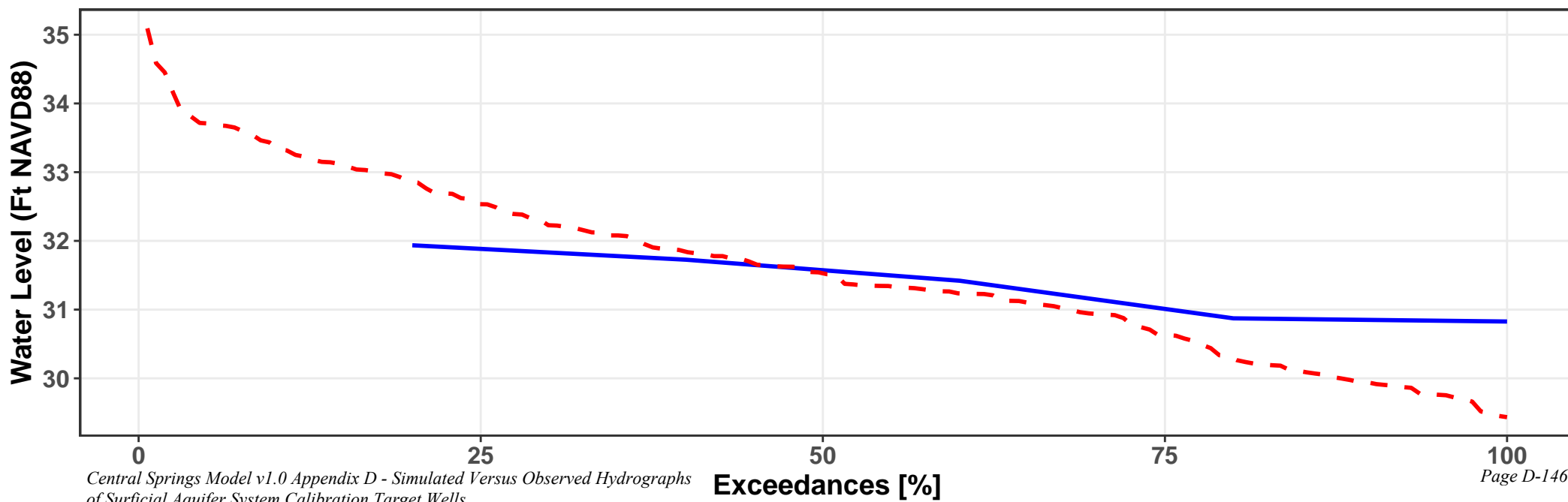
# S-1059 – SAS @ Lk Jesup E AP Blvd

ME = 2 MAE = 2  $R^2 = 0.5425$  NSE = -19.062

— Observed — Simulated



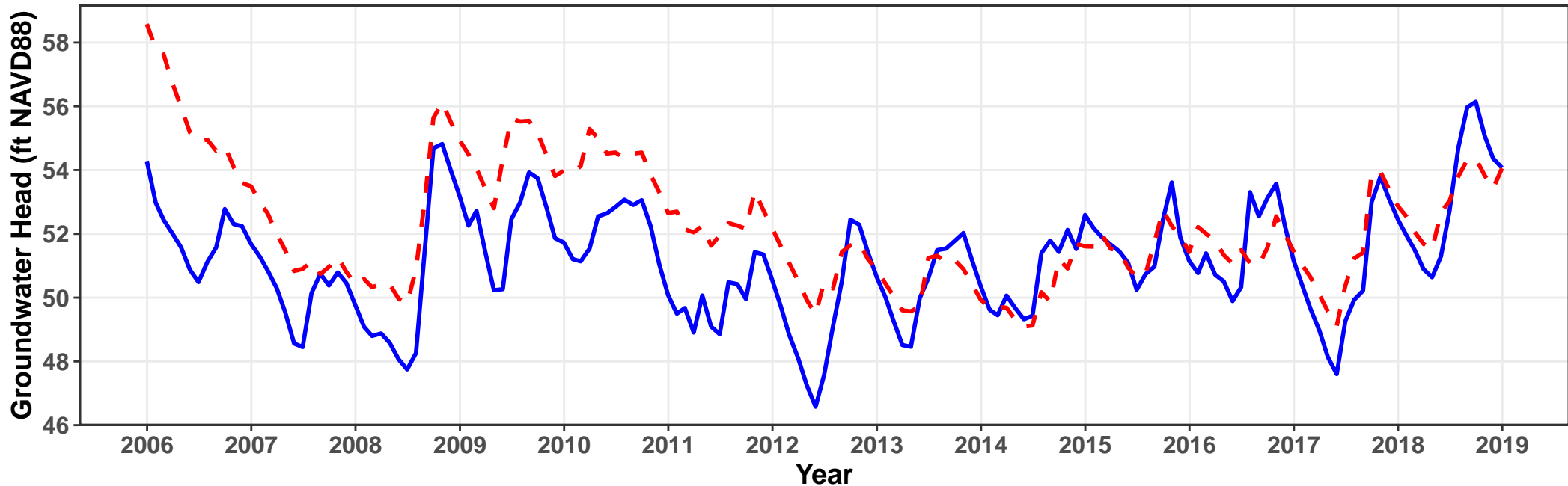
## Stage Duration Curve



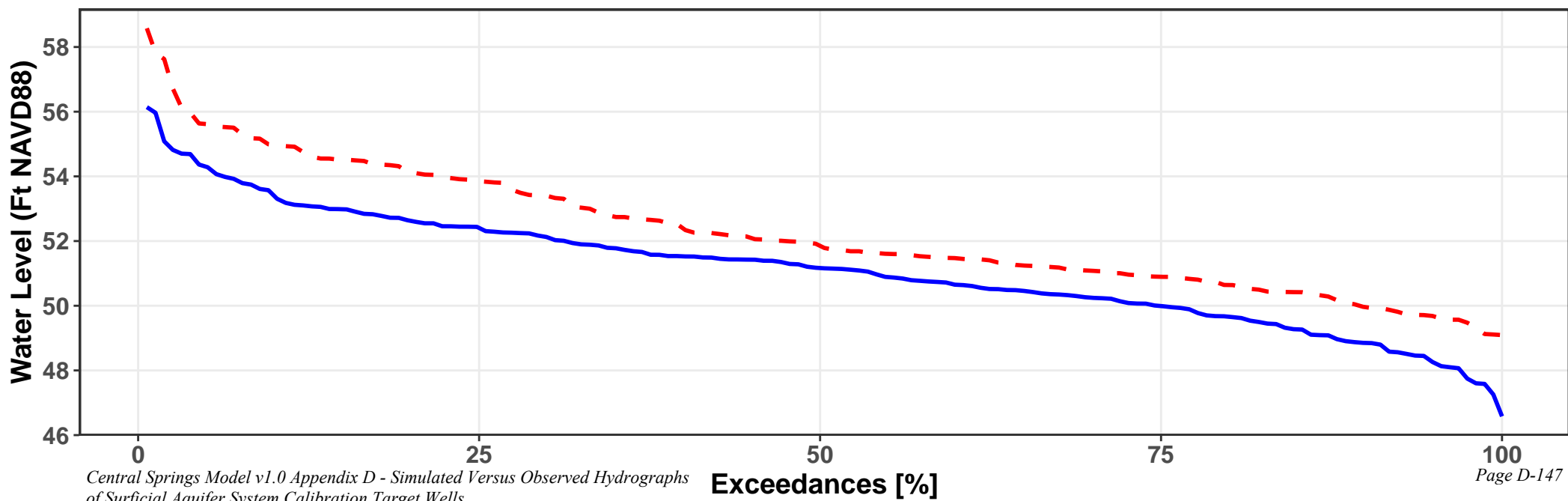
# S-1211 – SAS @ Oviedo WTP

ME = 1.1 MAE = 1.5  $R^2 = 0.4782$  NSE = -0.09

— Observed — Simulated



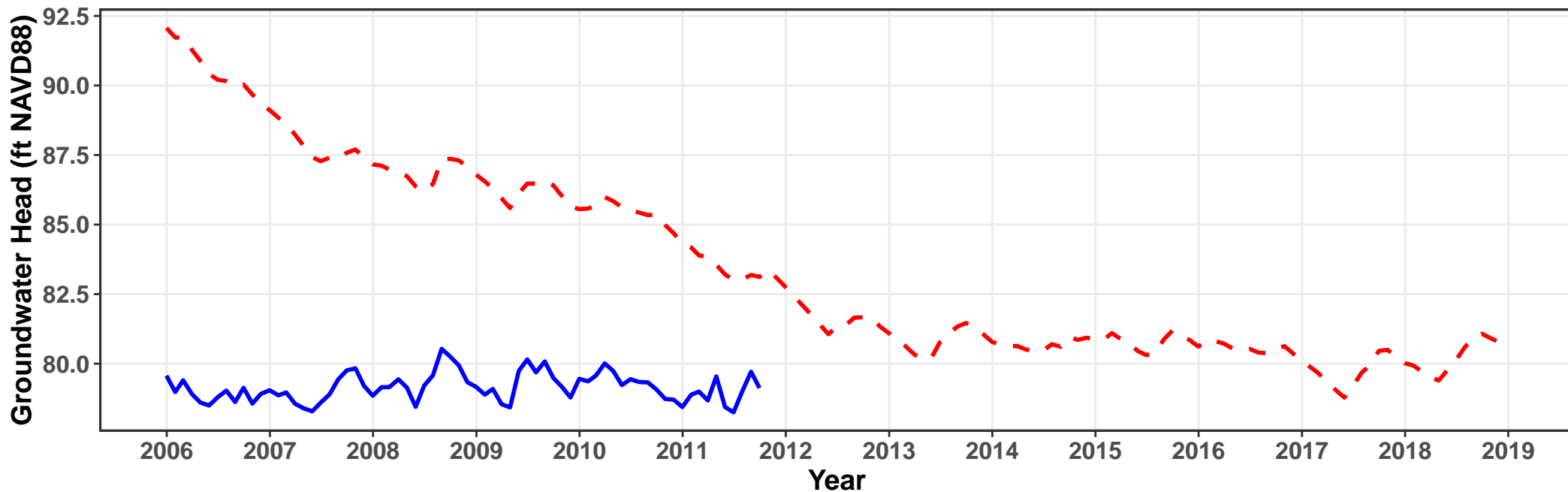
## Stage Duration Curve



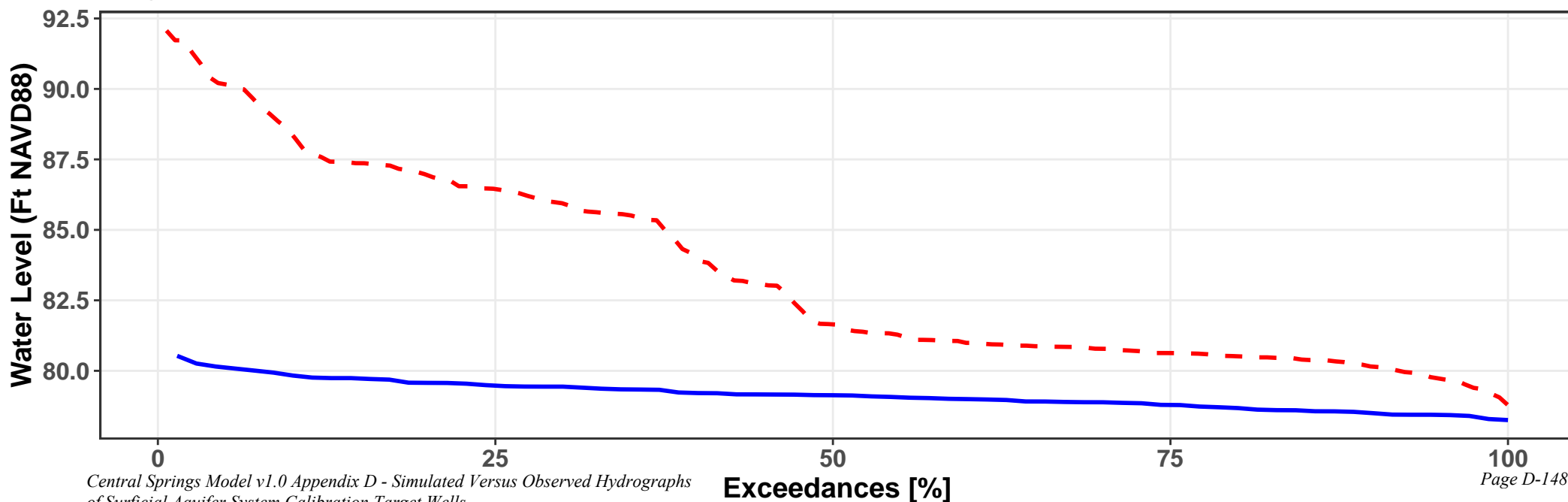
# S-1275 – SAS @ Wekiva Spg ES

ME = 7.7 MAE = 7.7  $R^2 = 0.0011$  NSE = -253.578

— Observed — Simulated



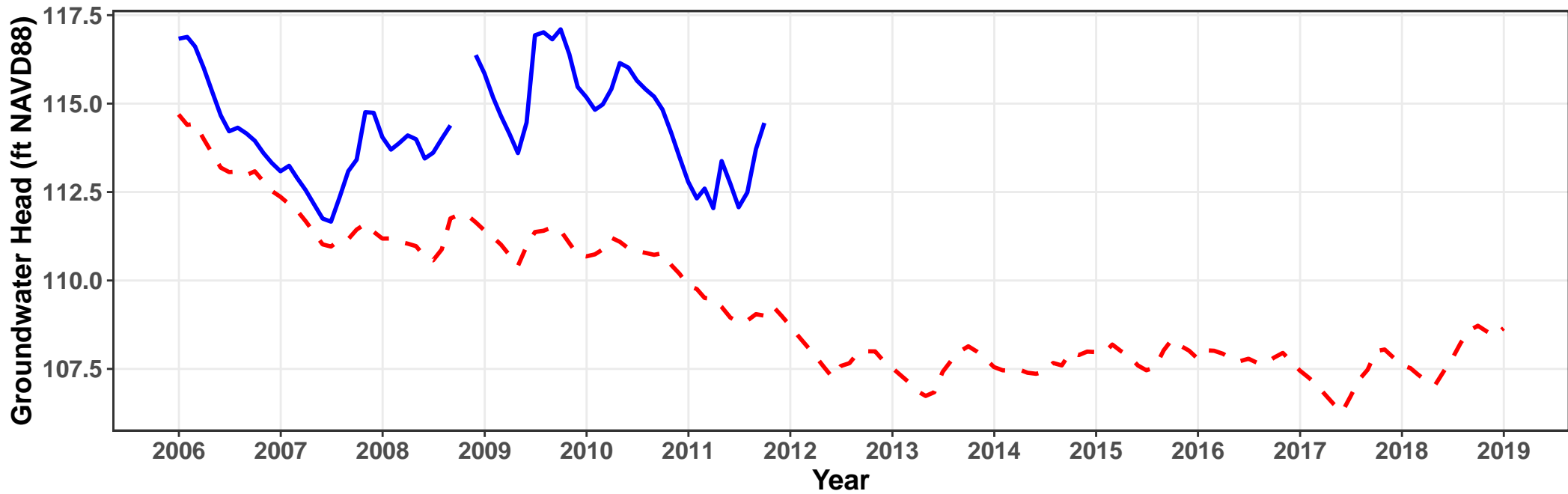
## Stage Duration Curve



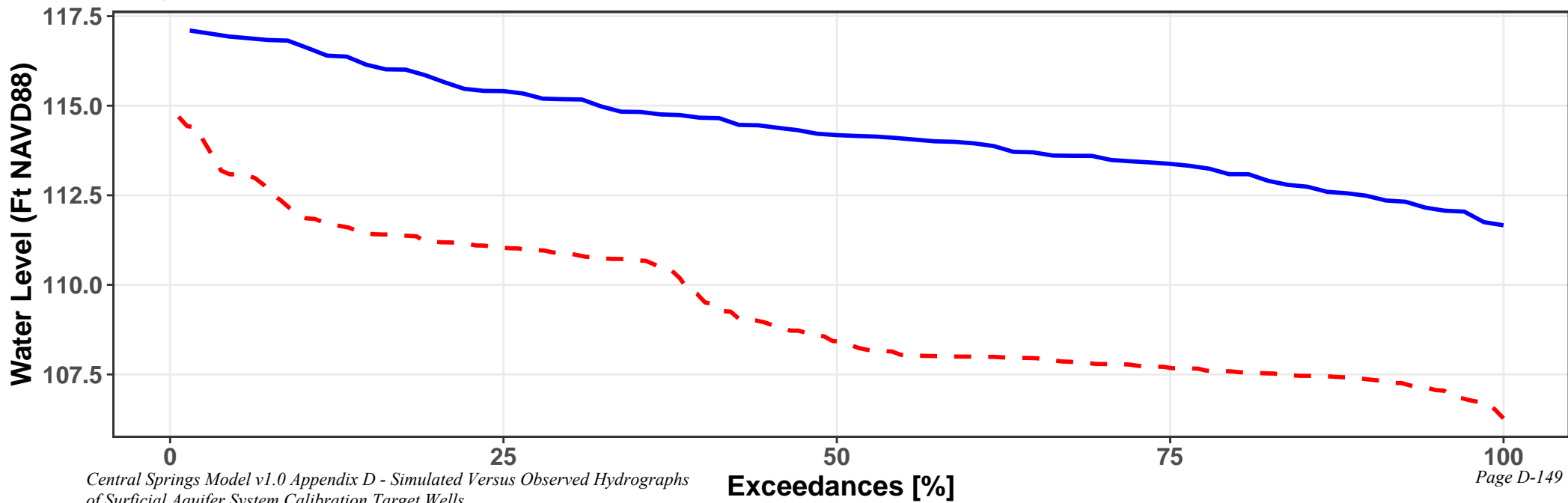
# S-1276 – SAS @ Bear Lk ES

ME = -3.1 MAE = 3.1  $R^2 = 0.1858$  NSE = -4.596

— Observed — Simulated



## Stage Duration Curve

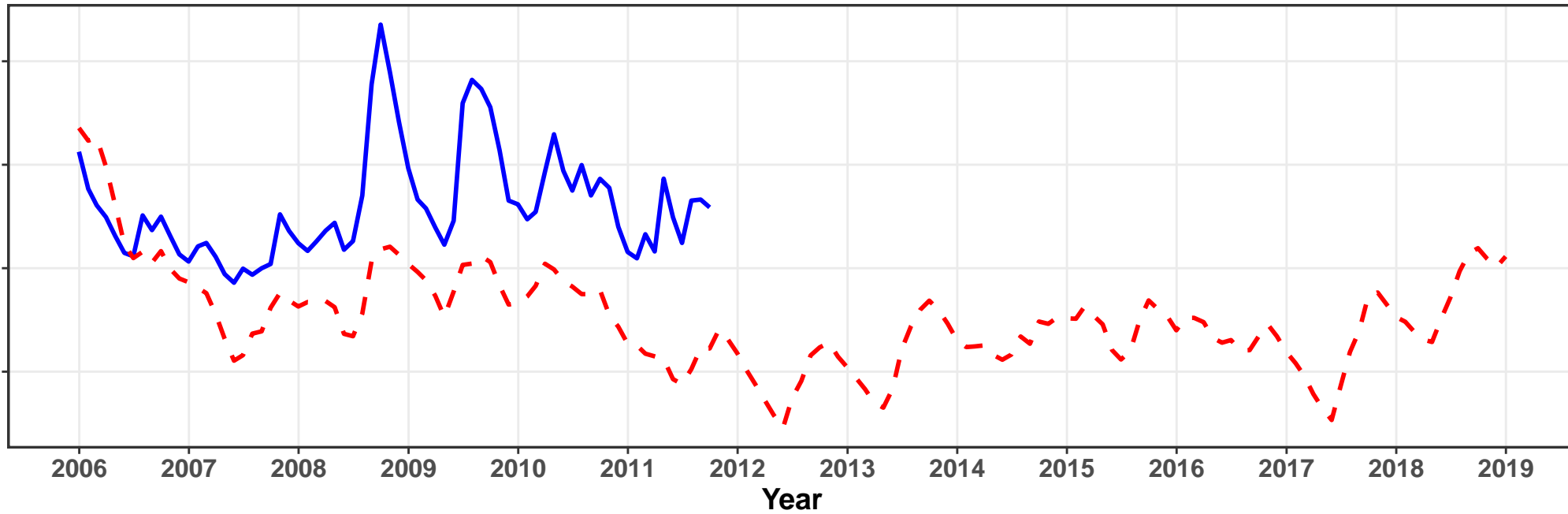


# S-1277 – SAS @ Lk Orienta ES

ME = -1.6 MAE = 1.8  $R^2 = 0.1516$  NSE = -2.575

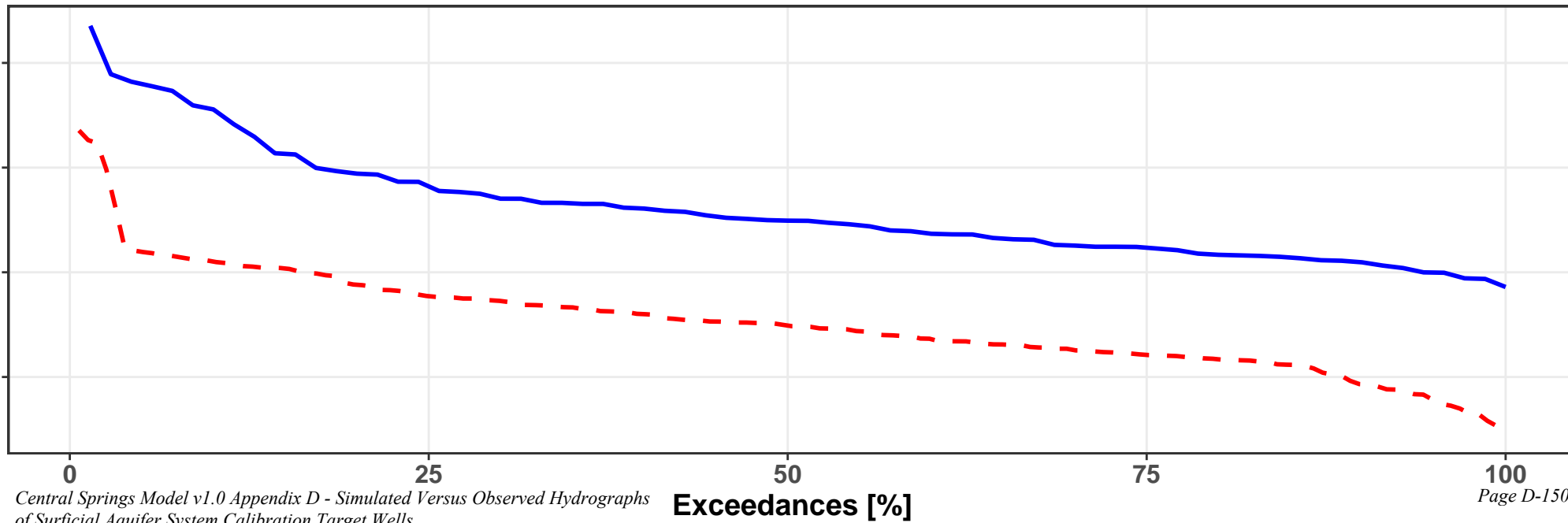
— Observed - - Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

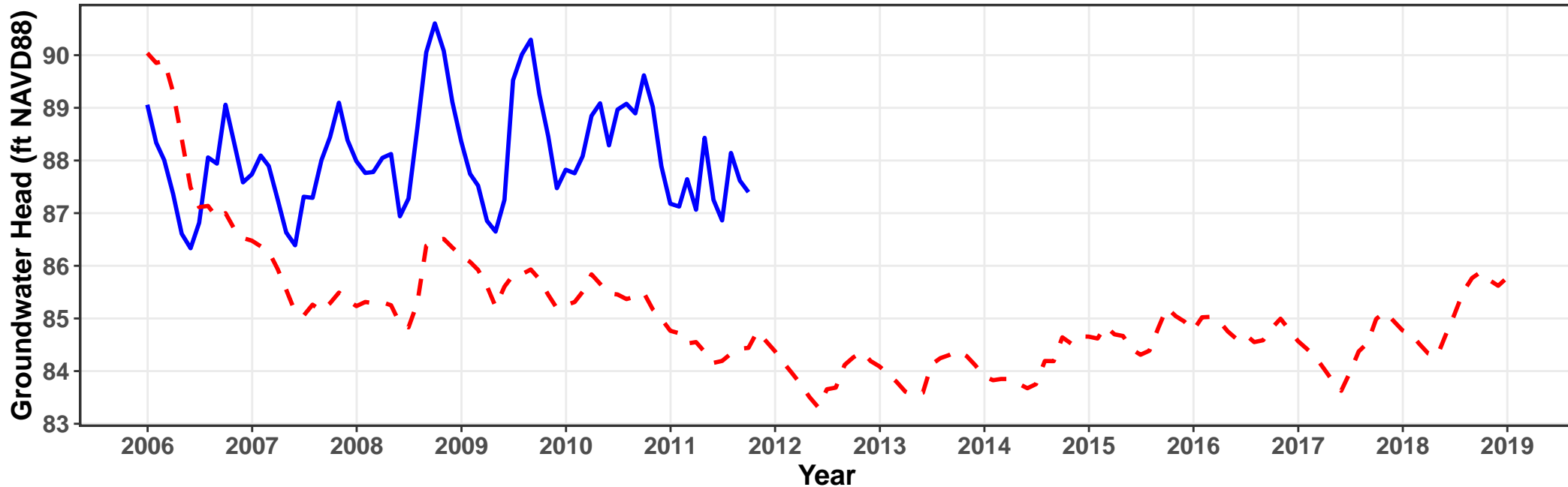
Water Level (Ft NAVD88)



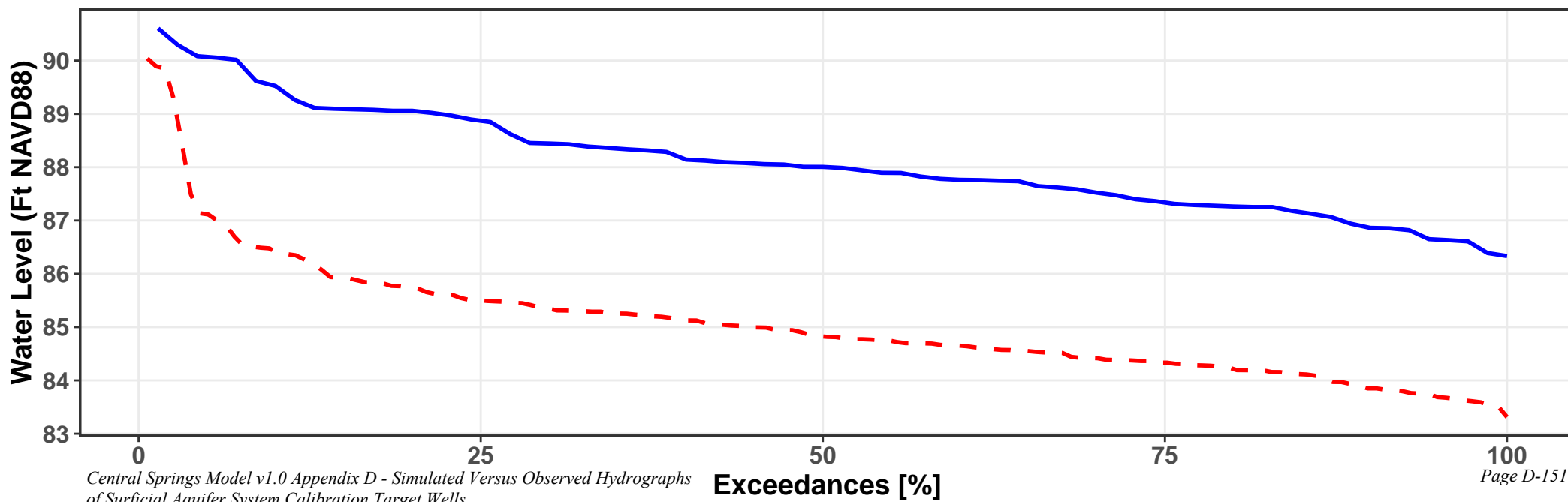
# S-1278 – SAS @ English Estate ES

ME = -2.2 MAE = 2.5  $R^2 = 0.0162$  NSE = -6.64

— Observed - - Simulated



## Stage Duration Curve

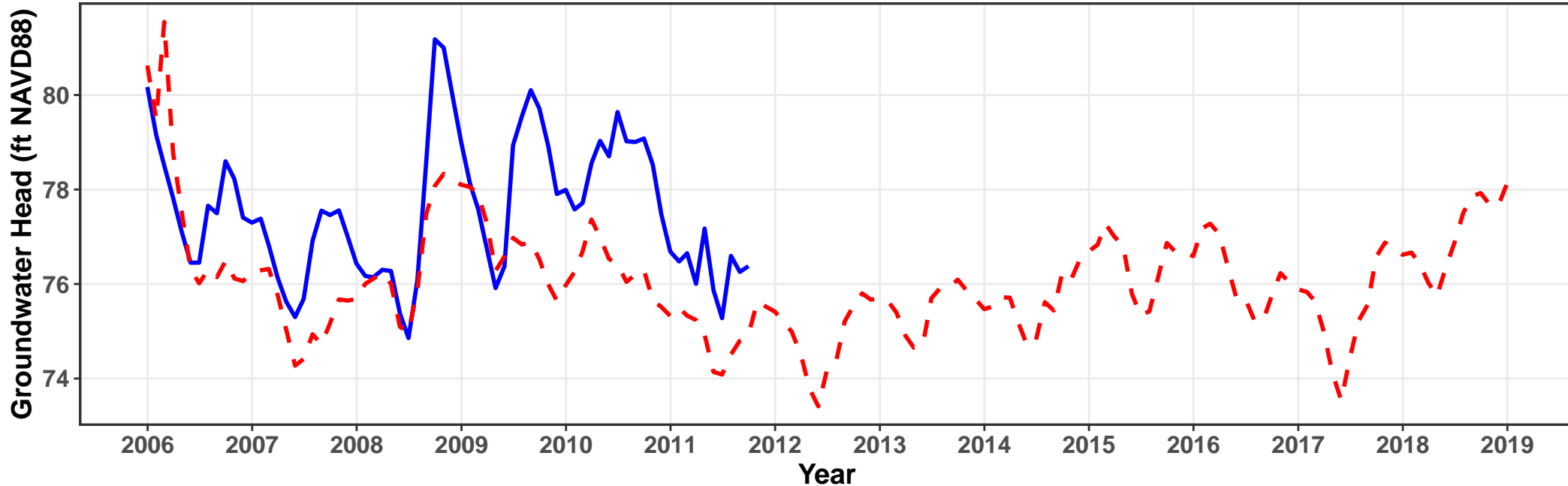




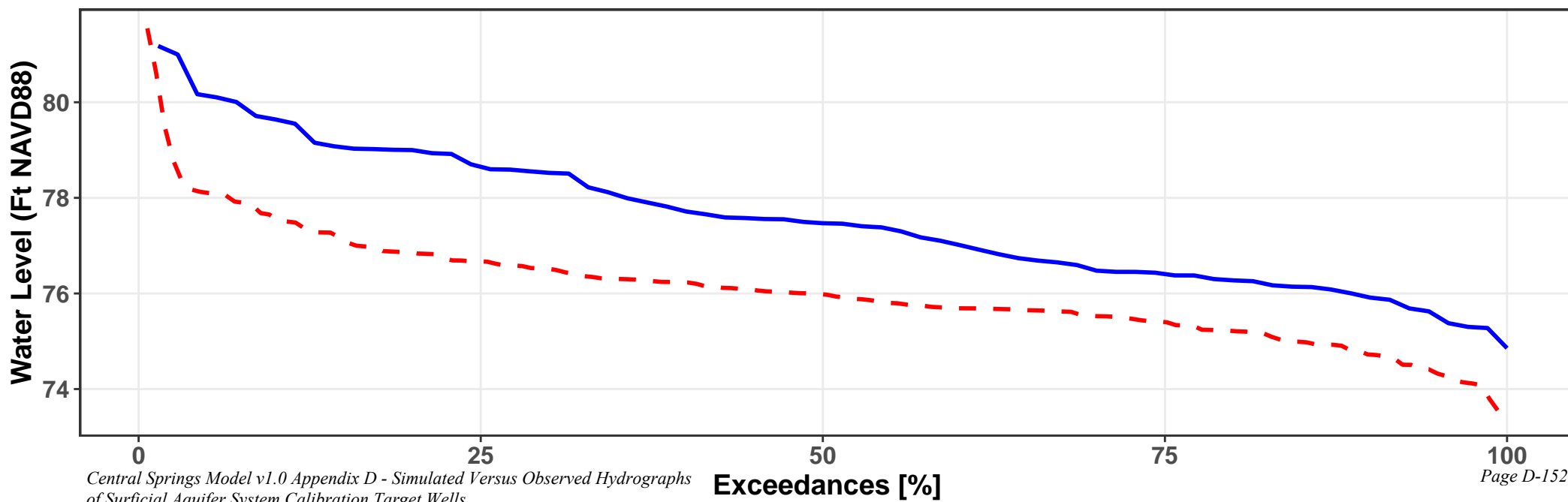
# S-1279 – SAS @ Eastbrook ES

ME = -1.2 MAE = 1.4  $R^2 = 0.4048$  NSE = -0.446

— Observed — Simulated



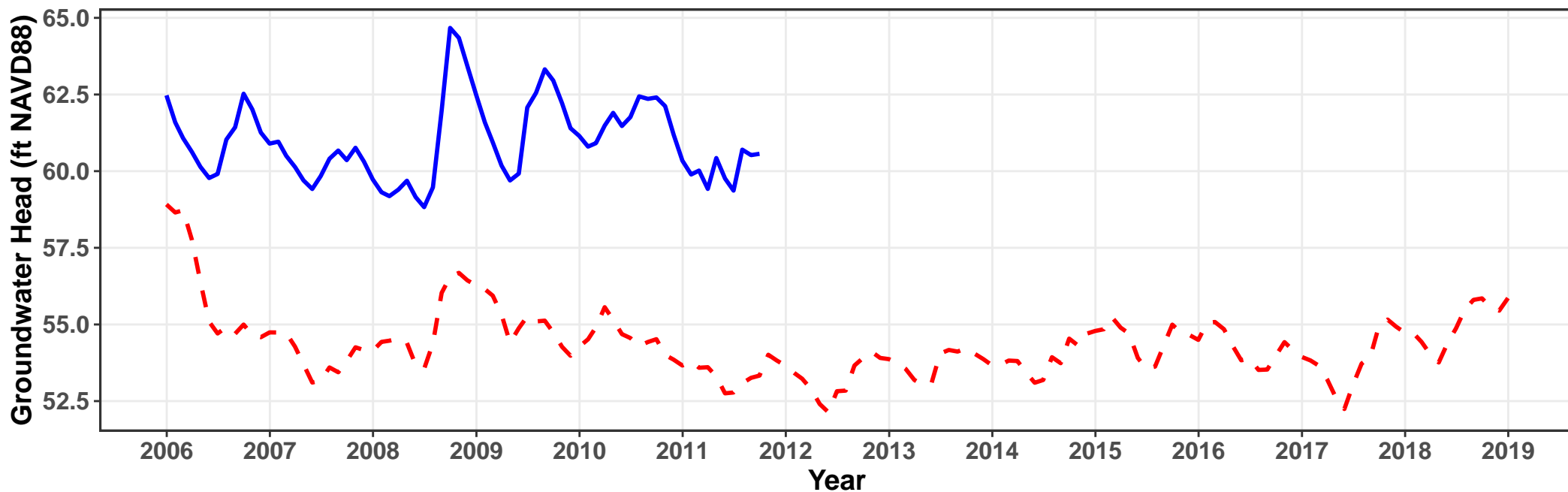
## Stage Duration Curve



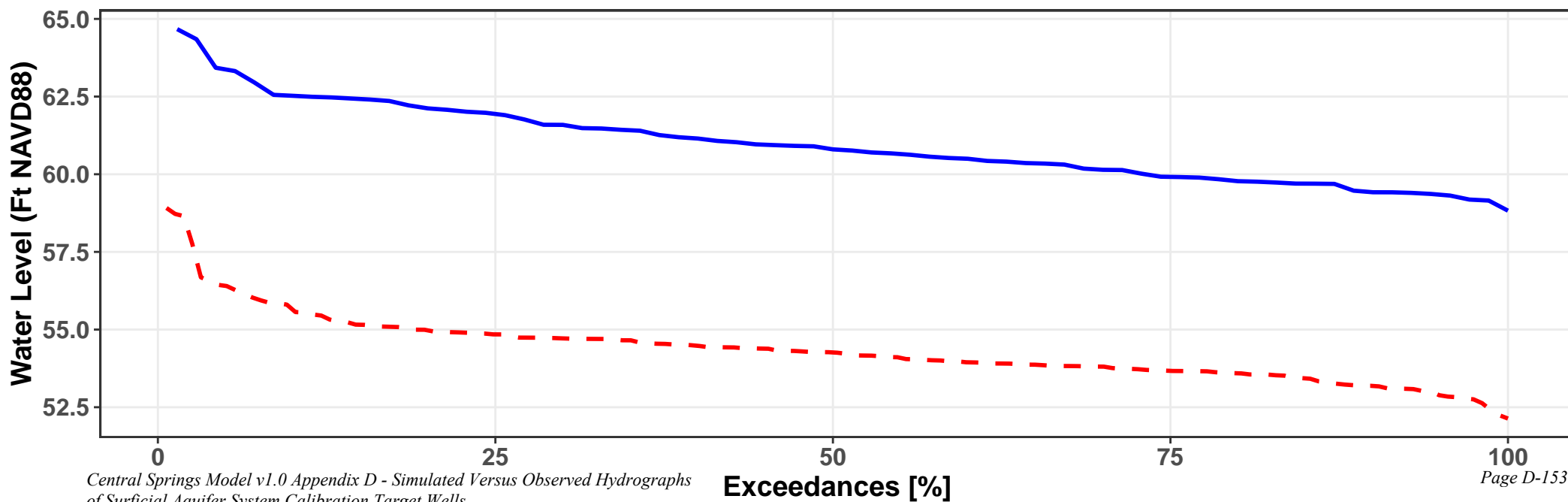
# S-1280 – SAS @ Red Bug ES

ME = -6.2 MAE = 6.2  $R^2 = 0.2355$  NSE = -24.541

— Observed — Simulated



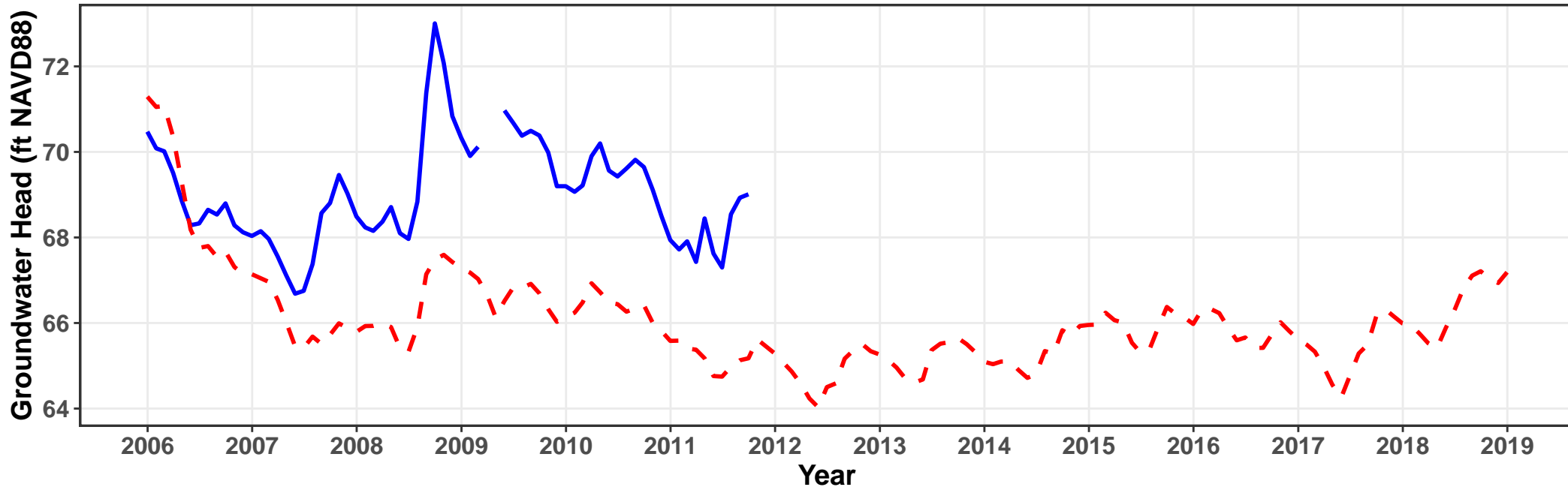
## Stage Duration Curve



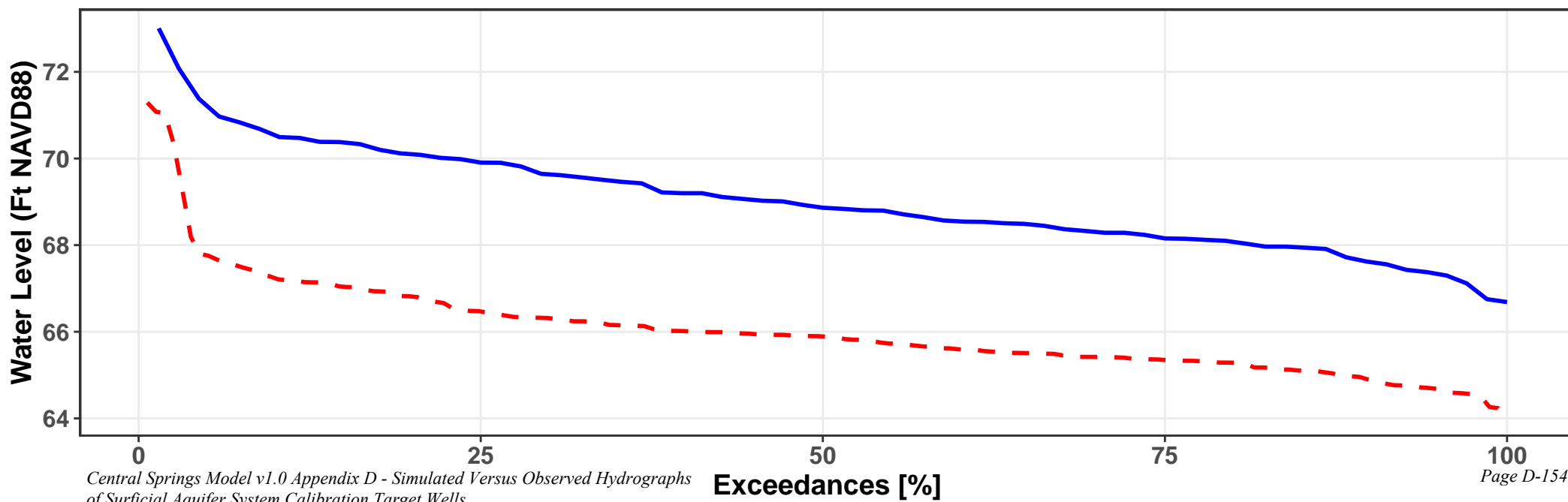
# S-1281 – SAS @ Longwood ES

ME = -2.4 MAE = 2.5  $R^2 = 0.1898$  NSE = -4.138

— Observed - - Simulated



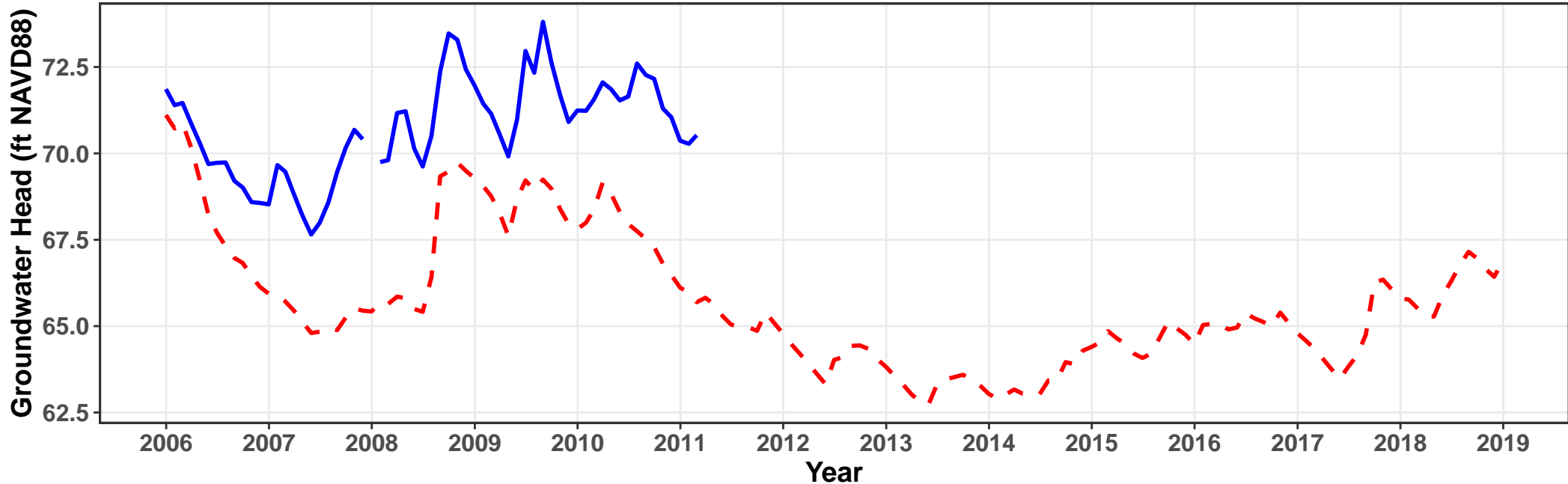
## Stage Duration Curve



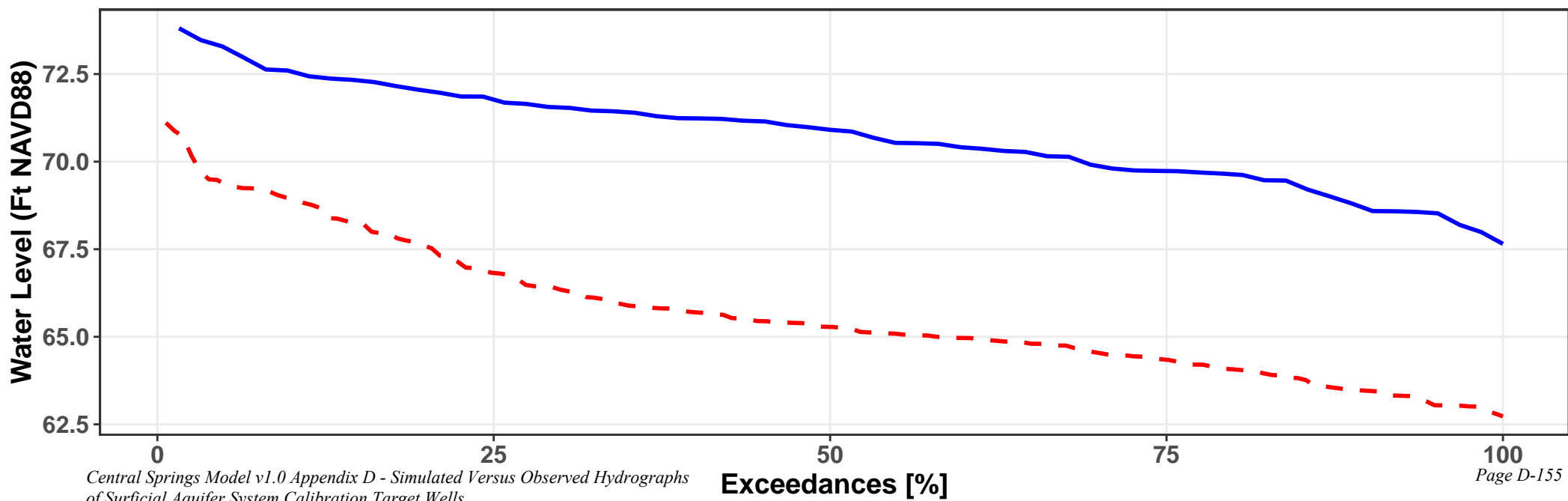
# S-1284 – SAS @ Wilson ES

ME = -3.3 MAE = 3.3  $R^2 = 0.5156$  NSE = -5.223

— Observed — Simulated



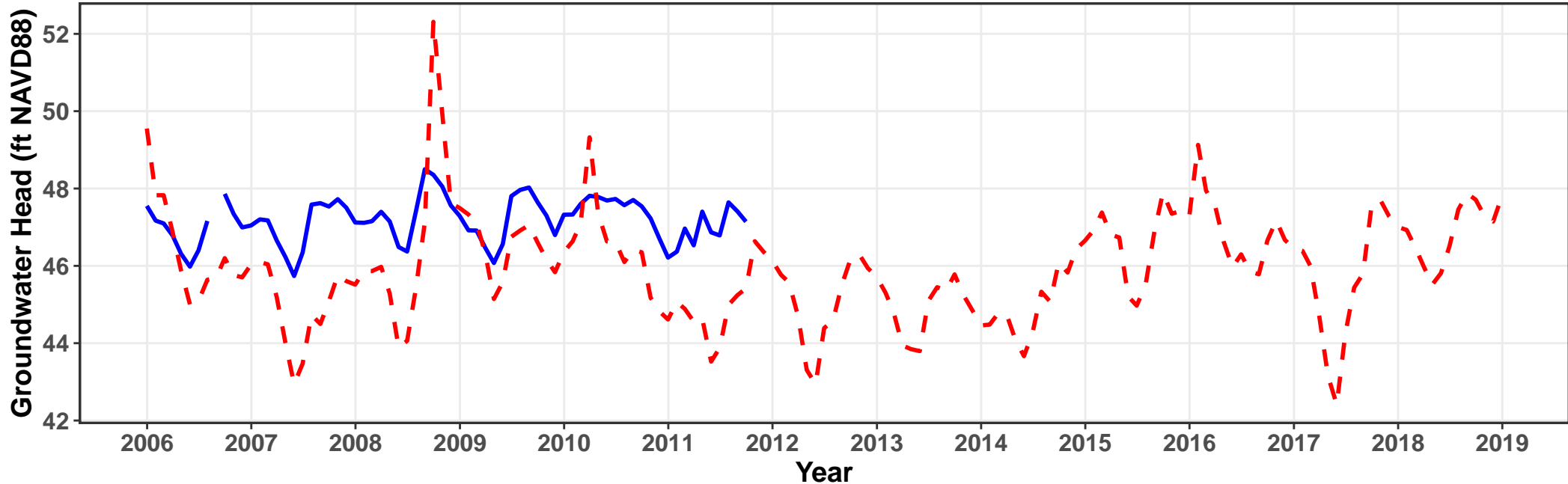
## Stage Duration Curve



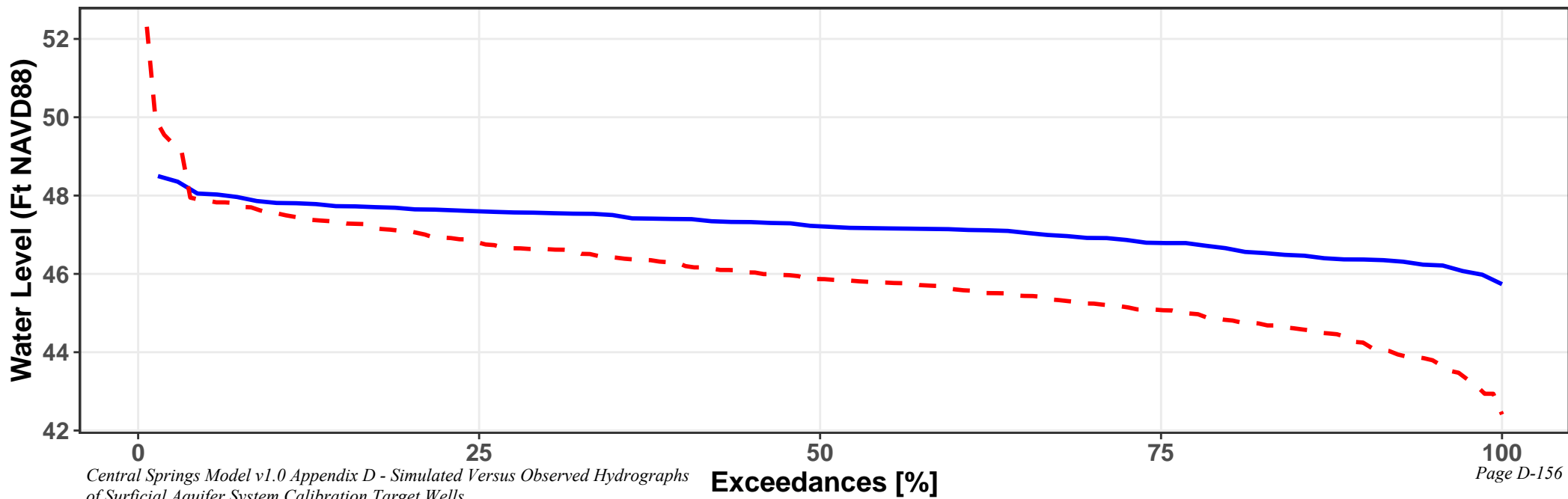
# S-1286 – SAS @ Jackson Heights Mid

ME = -1.2 MAE = 1.5  $R^2 = 0.381$  NSE = -7.937

— Observed — Simulated



## Stage Duration Curve

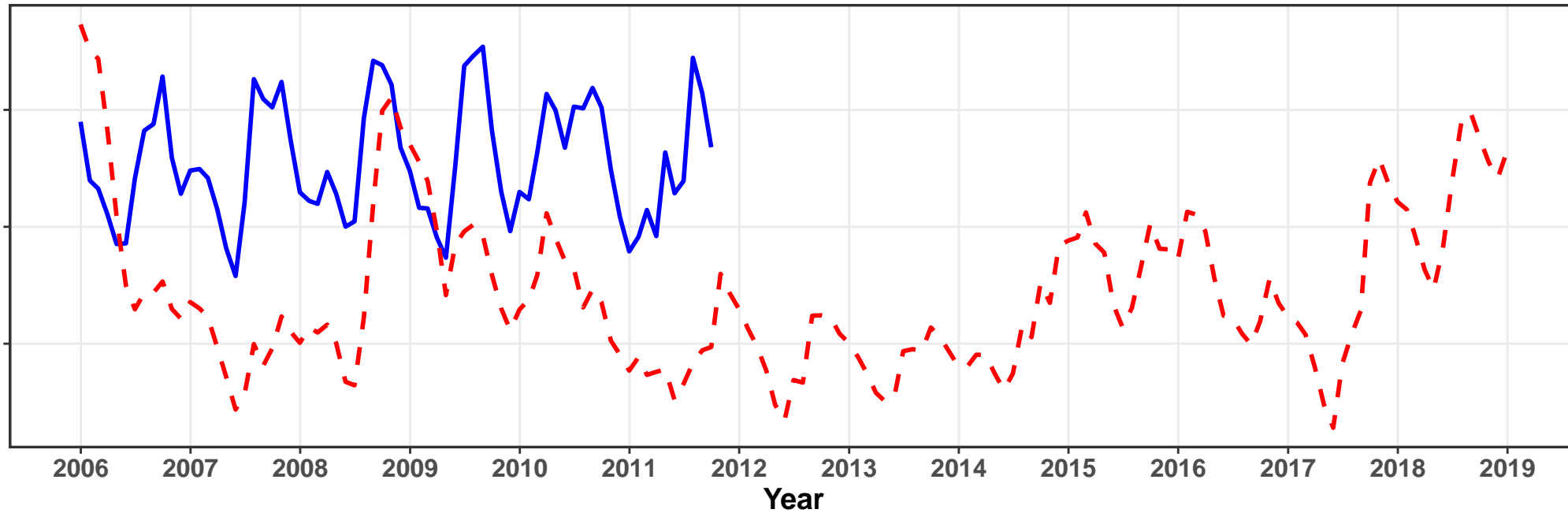


# S-1287 – SAS @ Partin ES

ME = -2.1 MAE = 2.4  $R^2 = 0.0672$  NSE = -5.967

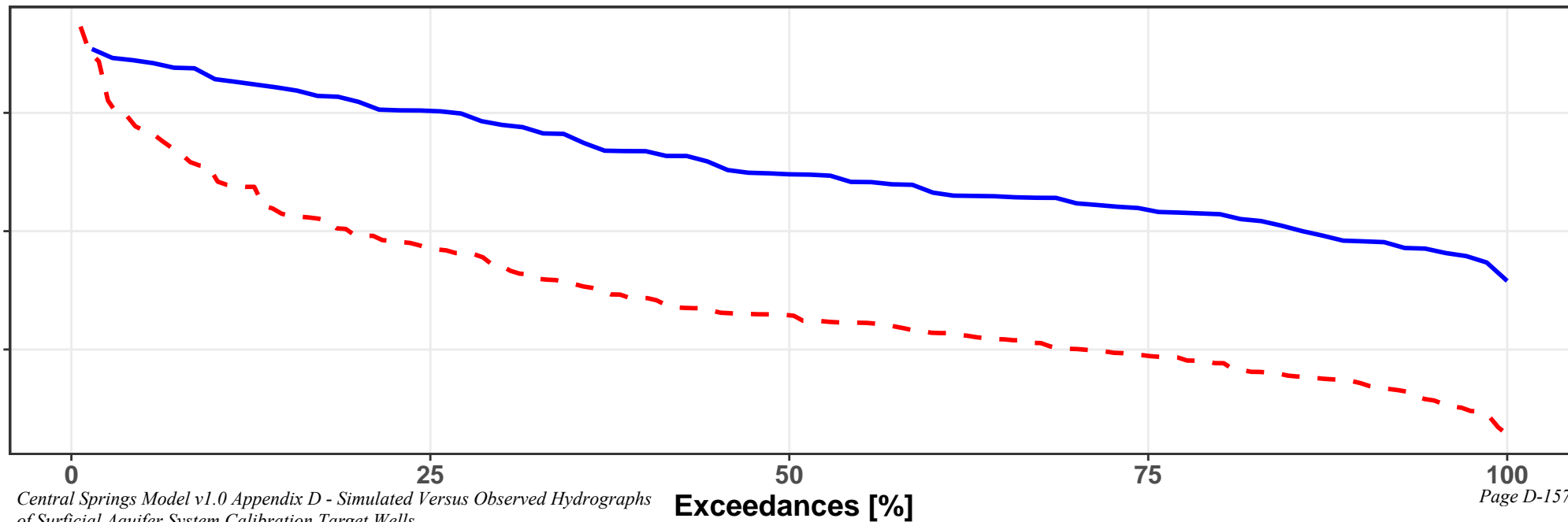
— Observed - - Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

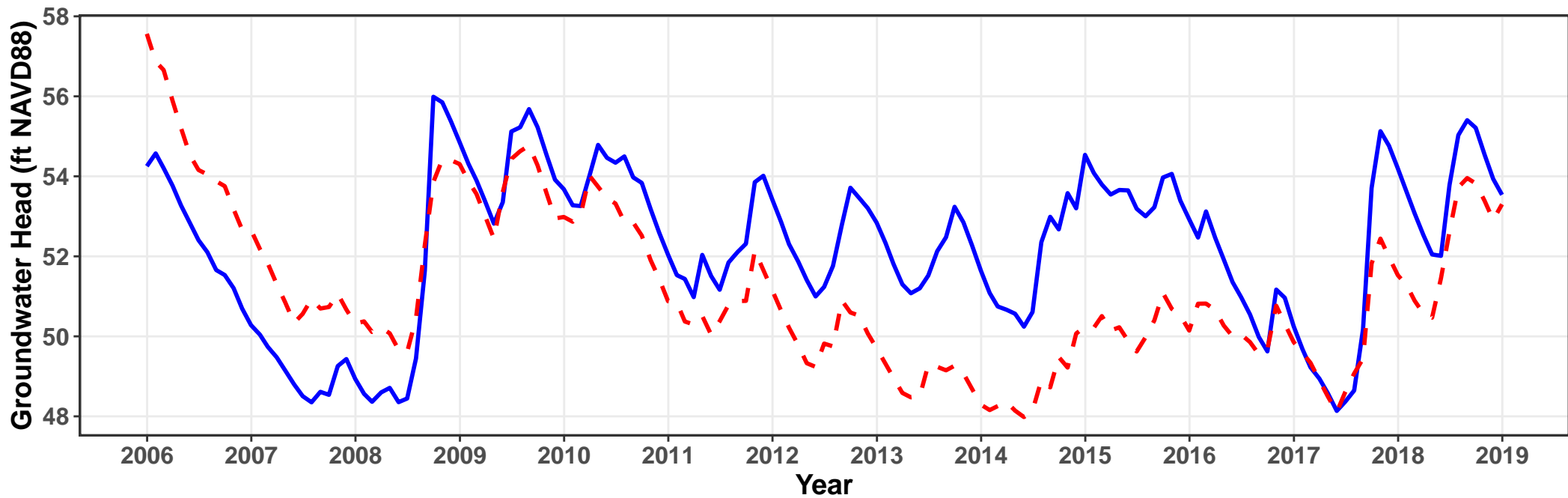
Water Level (Ft NAVD88)



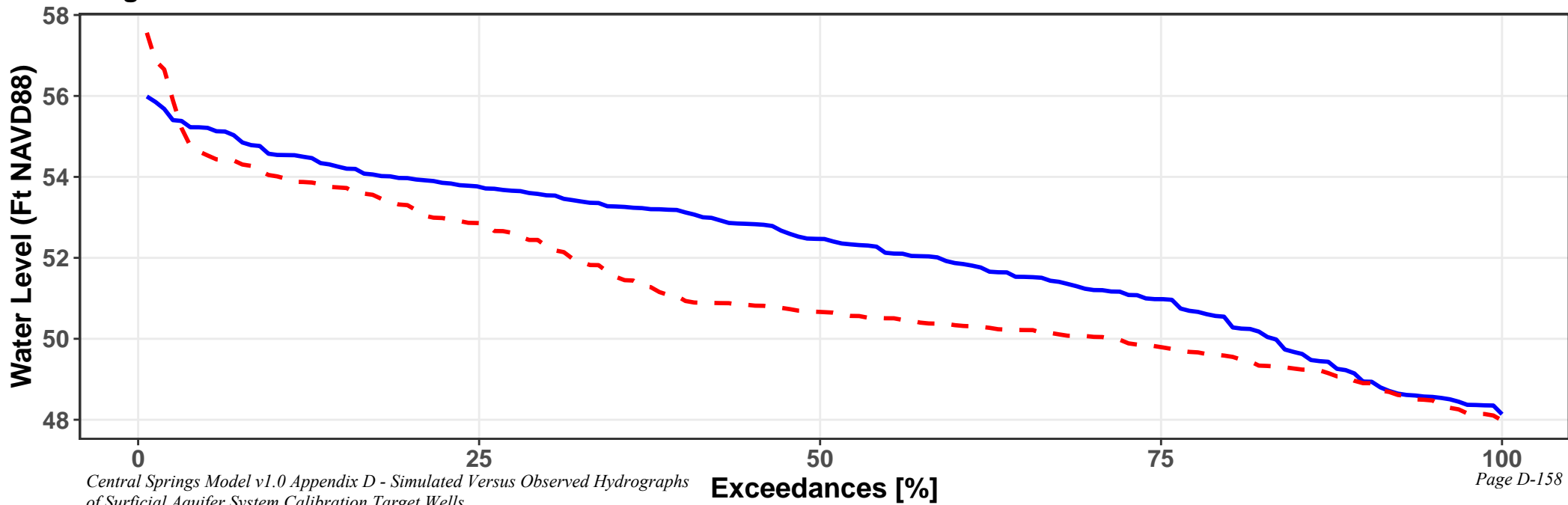
# S-1288 – SAS @ Geneva FS

ME = -1 MAE = 1.8  $R^2 = 0.3384$  NSE = -0.098

— Observed - - Simulated



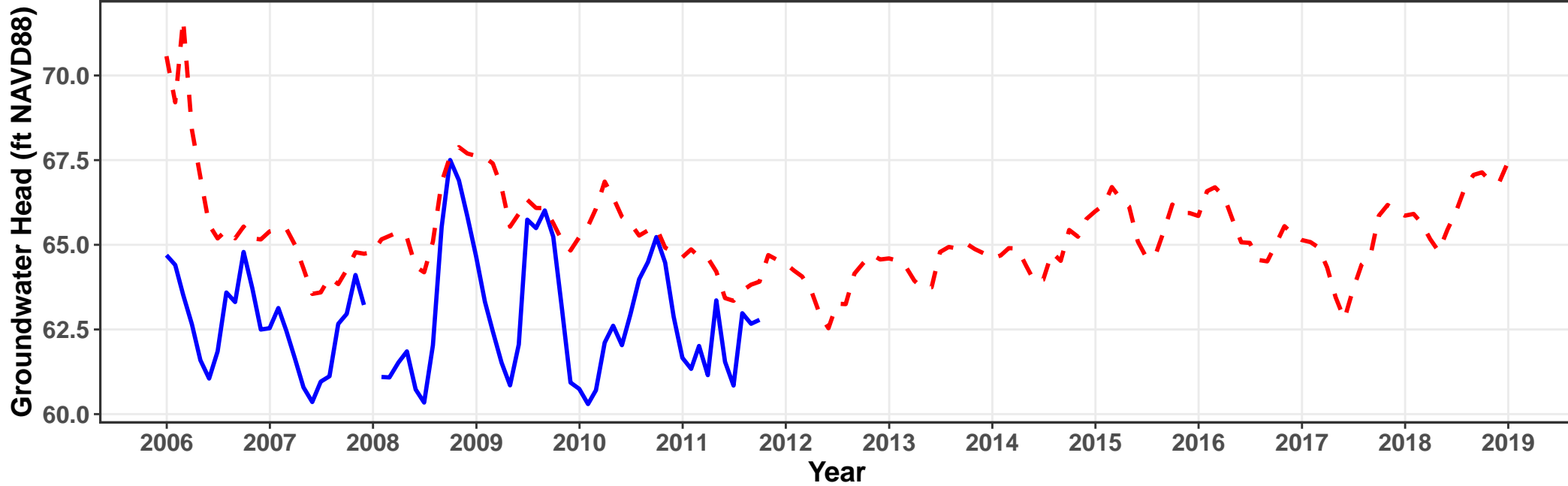
## Stage Duration Curve



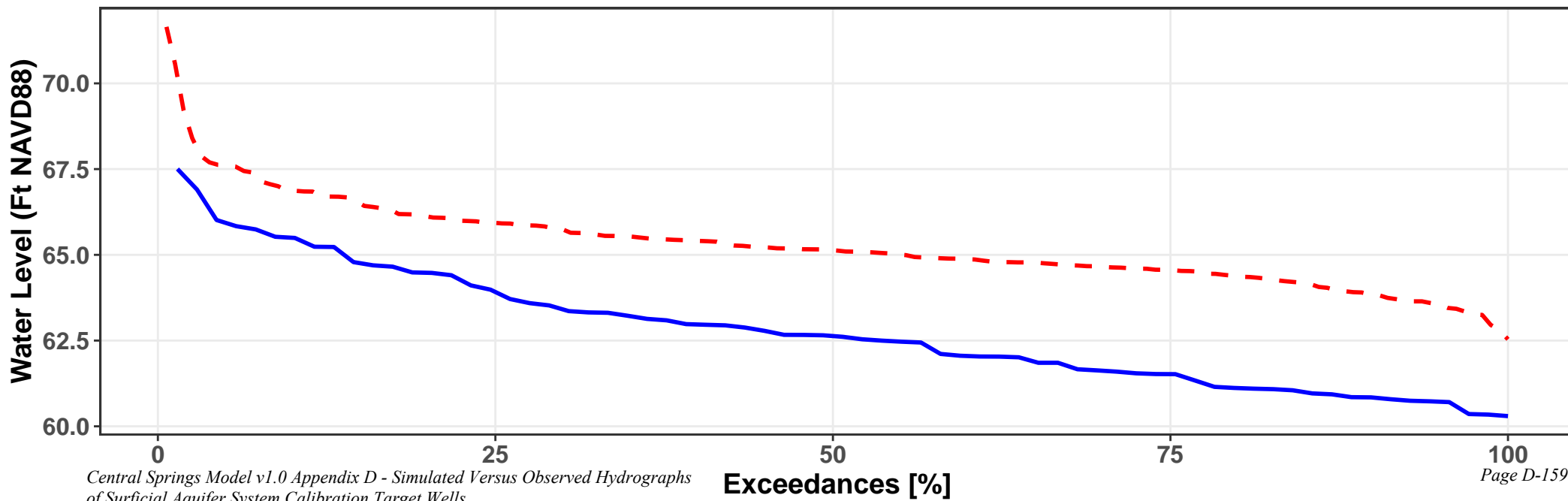
# S-1291 - SAS @ Casselberry ES

ME = 2.8 MAE = 2.8  $R^2 = 0.2117$  NSE = -2.737

— Observed — Simulated



## Stage Duration Curve

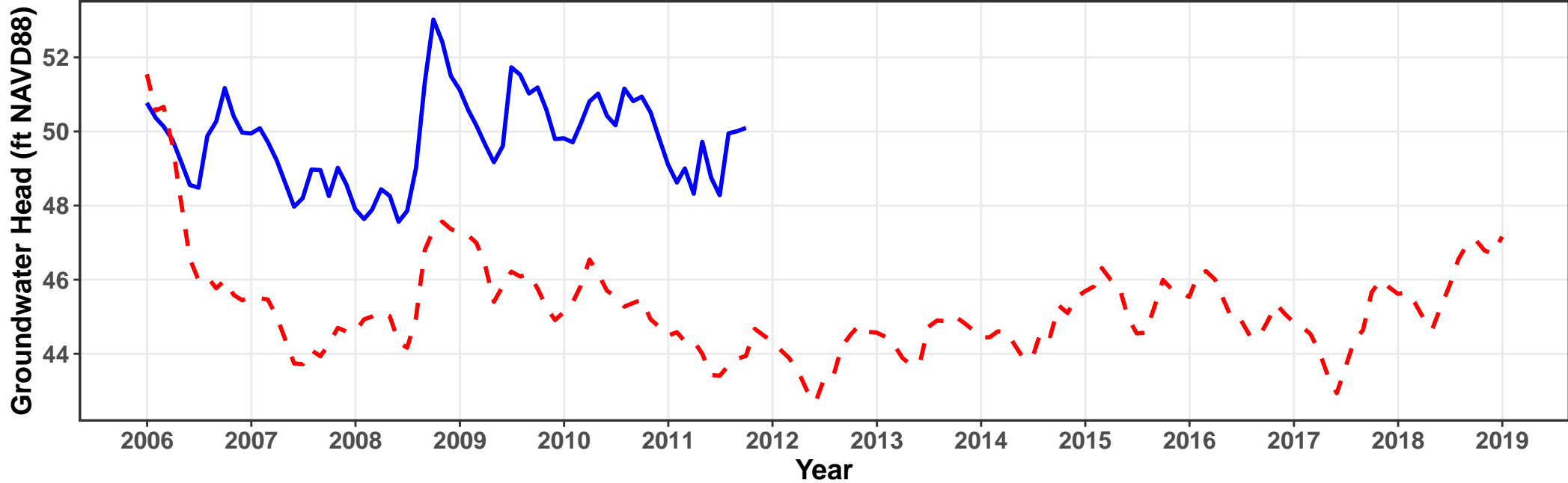




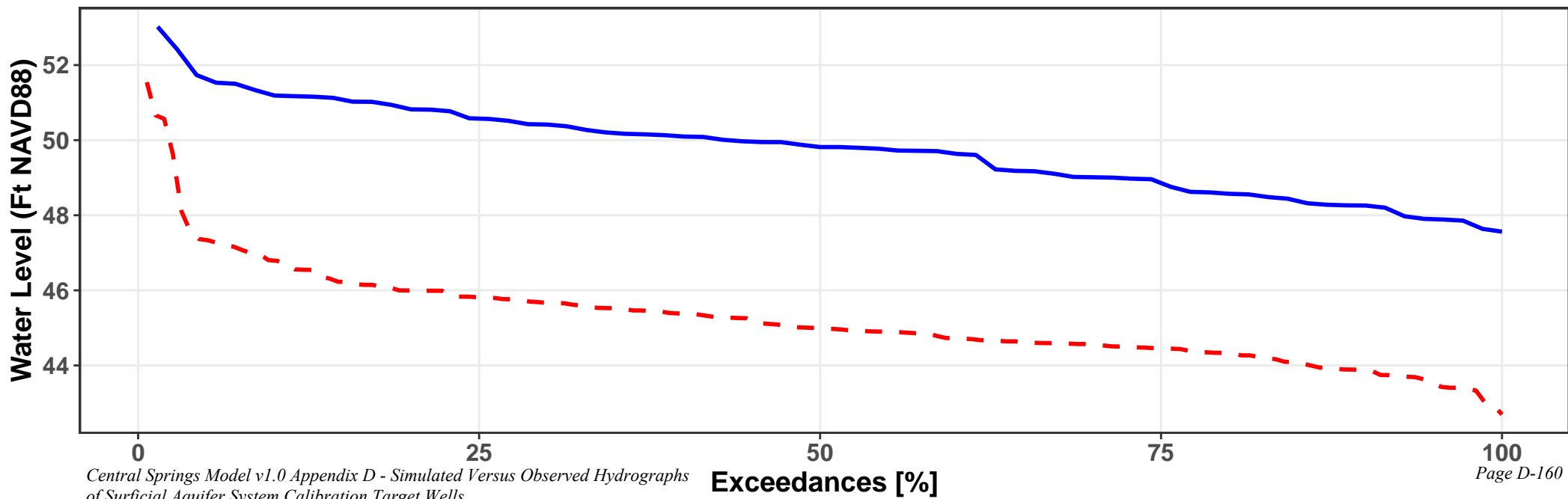
# S-1292 – SAS @ Keeth ES

ME = -4.1 MAE = 4.2  $R^2 = 0.2436$  NSE = -12.584

— Observed — Simulated



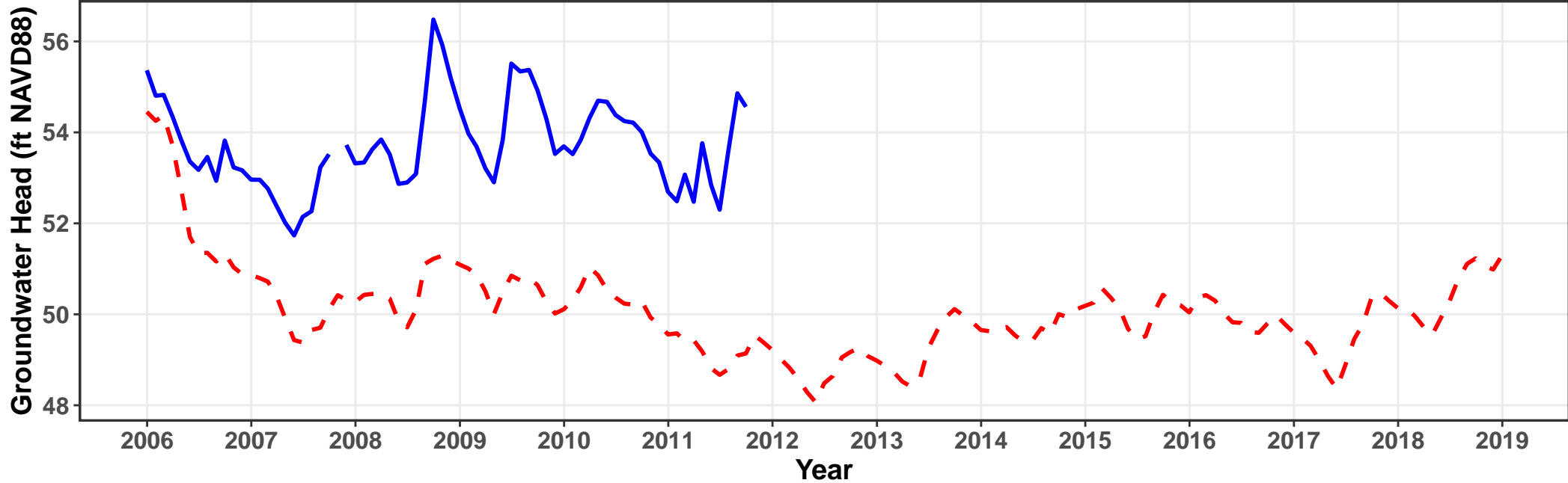
## Stage Duration Curve



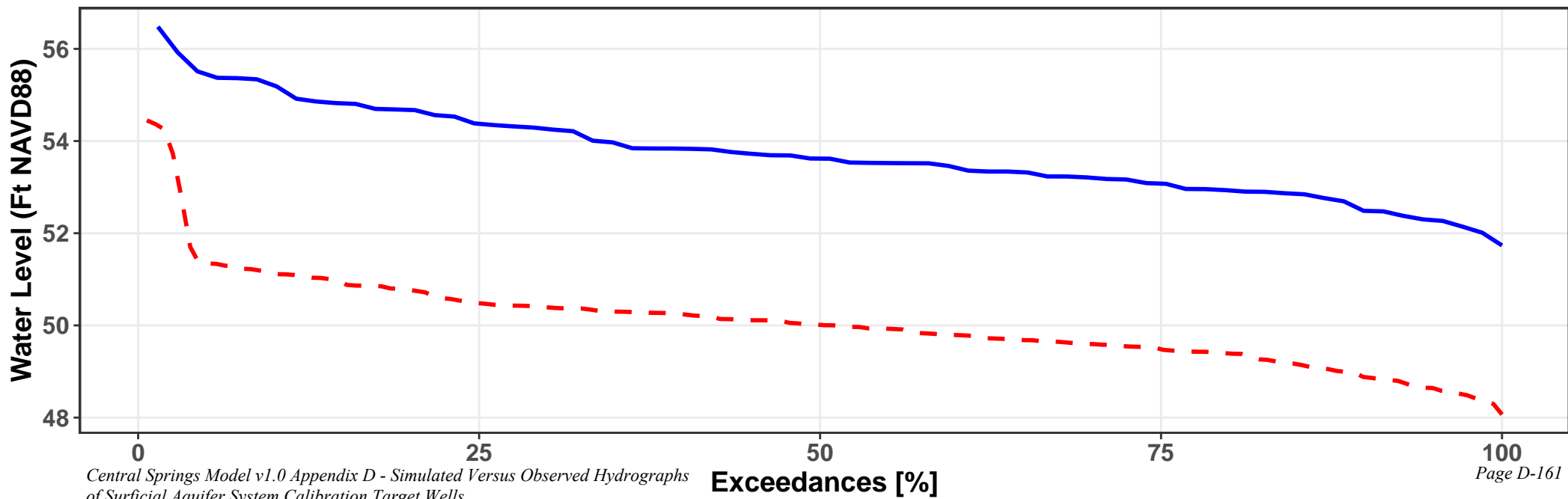
# S-1294 – SAS @ Sabal Point ES

ME = -3.2 MAE = 3.2  $R^2 = 0.2224$  NSE = -10.812

— Observed — Simulated



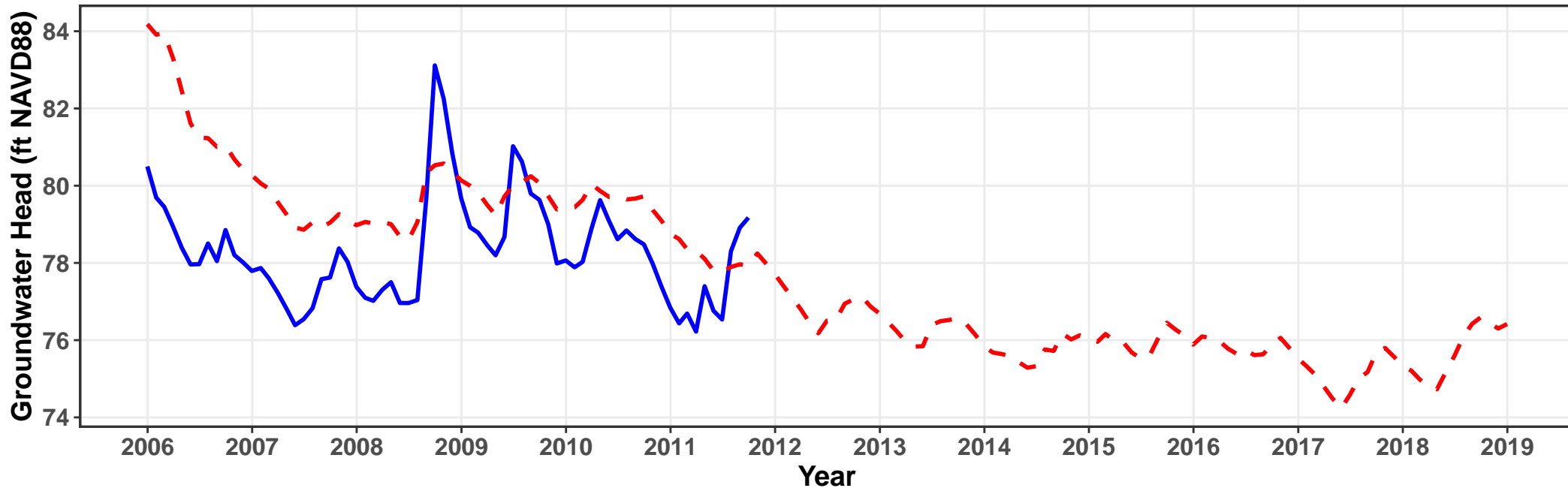
## Stage Duration Curve



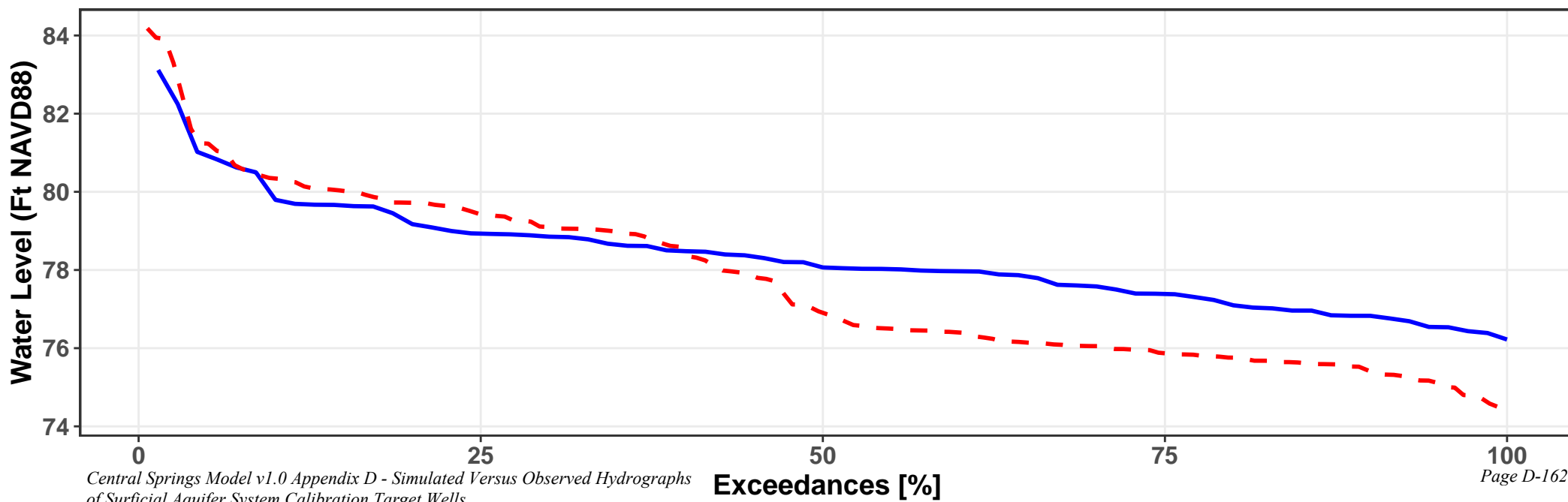
# S-1297 – SAS @ Rock Lk MS

ME = 1.5 MAE = 1.7  $R^2 = 0.252$  NSE = -1.22

— Observed — Simulated



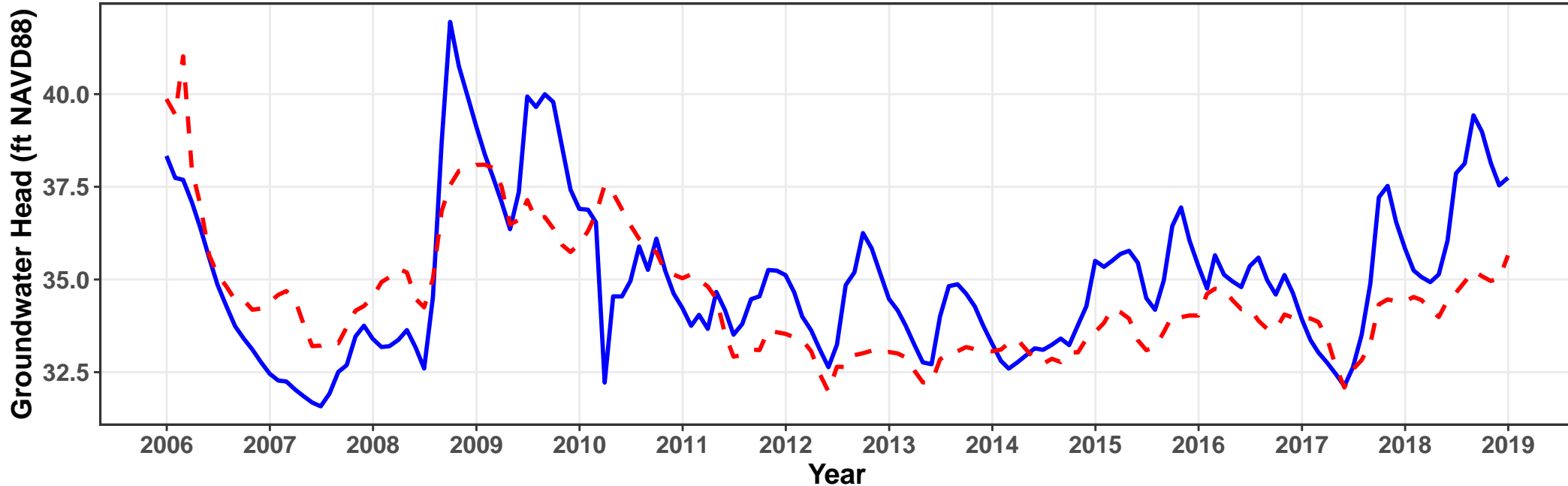
## Stage Duration Curve



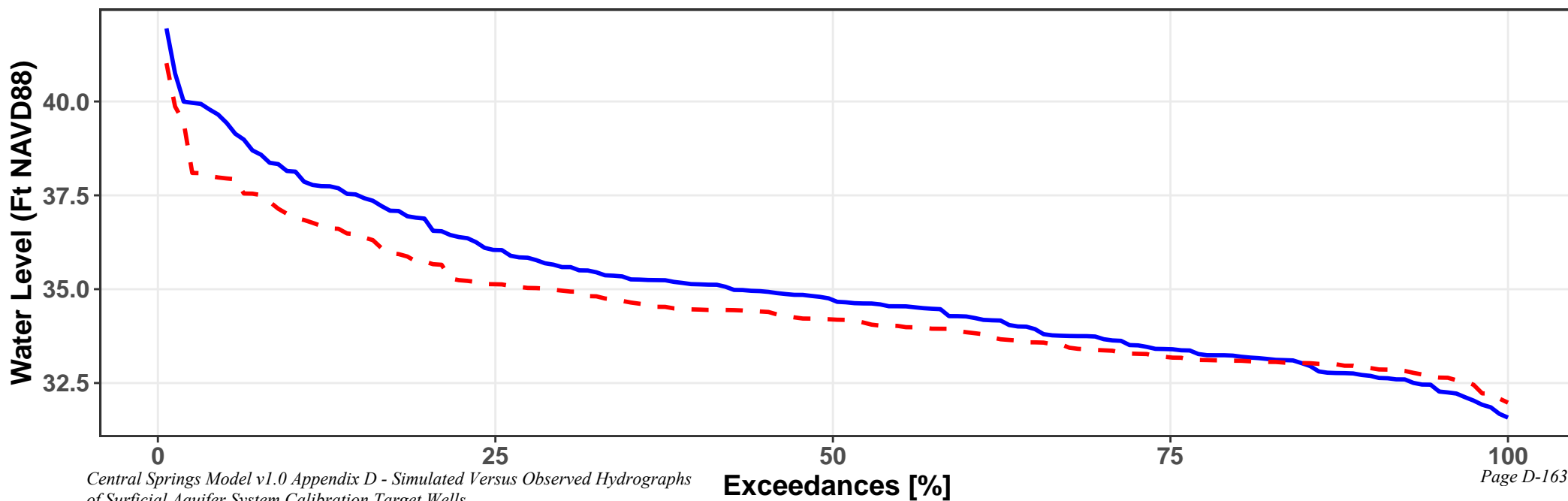
# S-1310 – SAS @ Yankee Lk

ME = -0.5 MAE = 1.4  $R^2 = 0.4297$  NSE = 0.351

— Observed - - Simulated



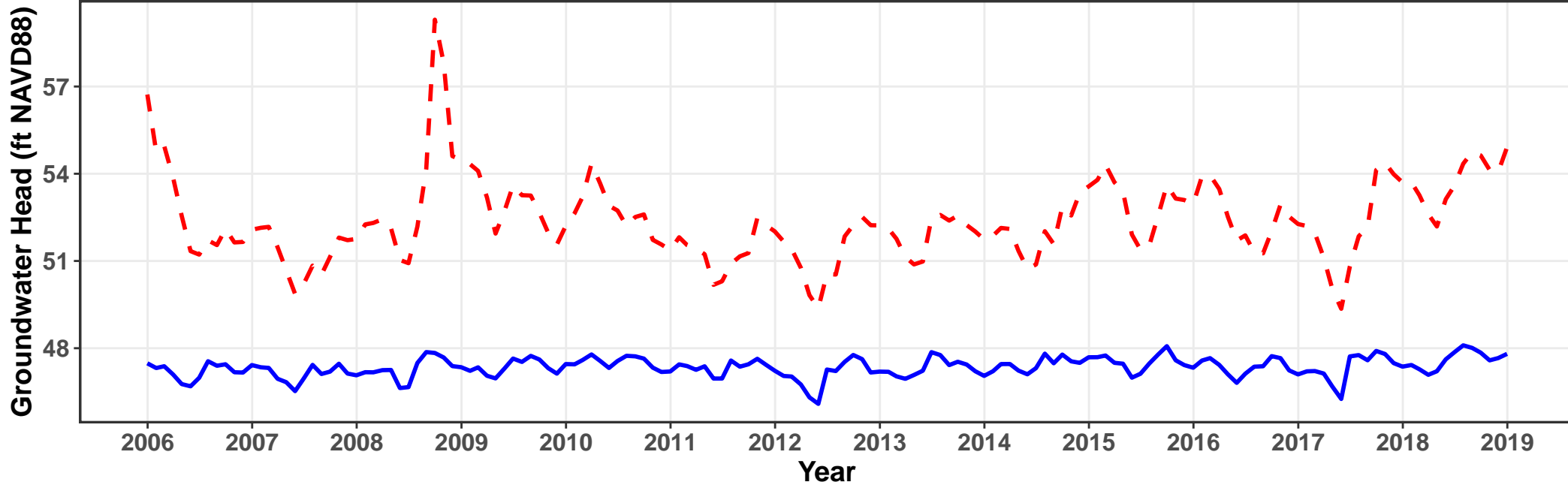
## Stage Duration Curve



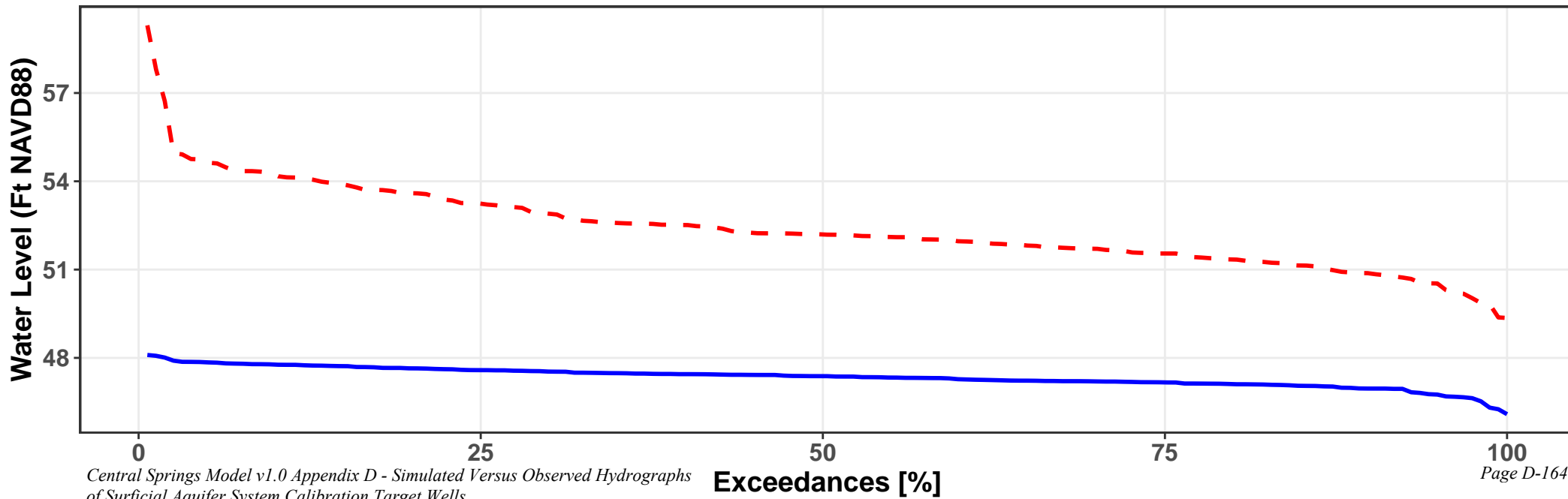
# S-1337 – SAS @ Citrus Rd

ME = 5 MAE = 5  $R^2 = 0.3775$  NSE = -230.538

— Observed — Simulated



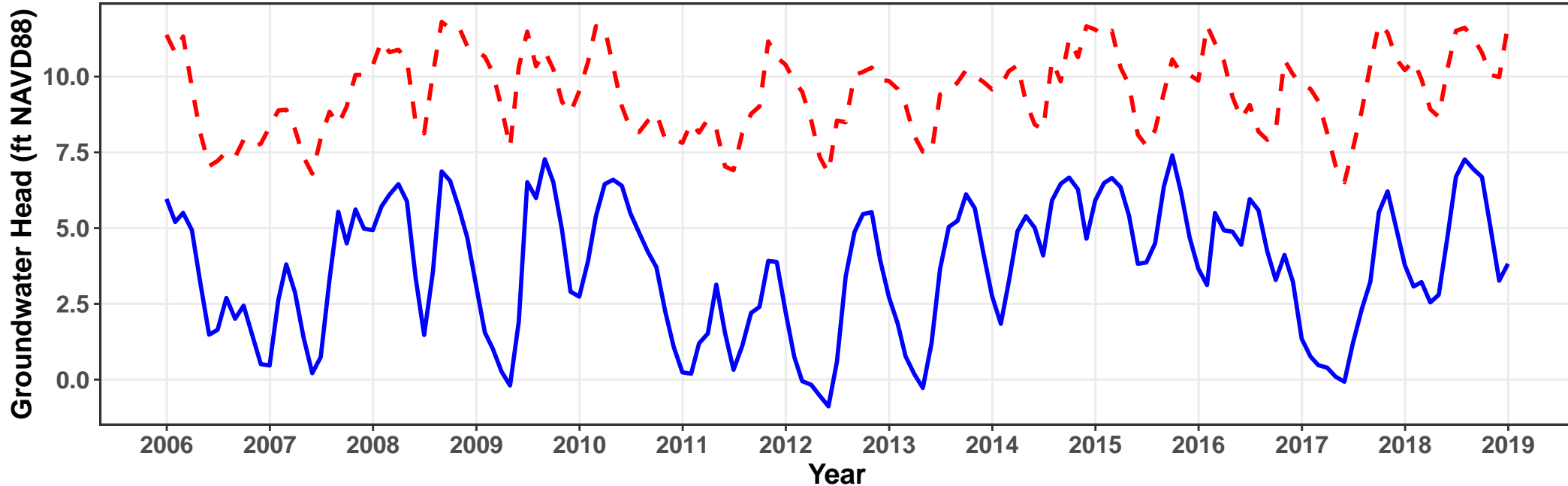
## Stage Duration Curve



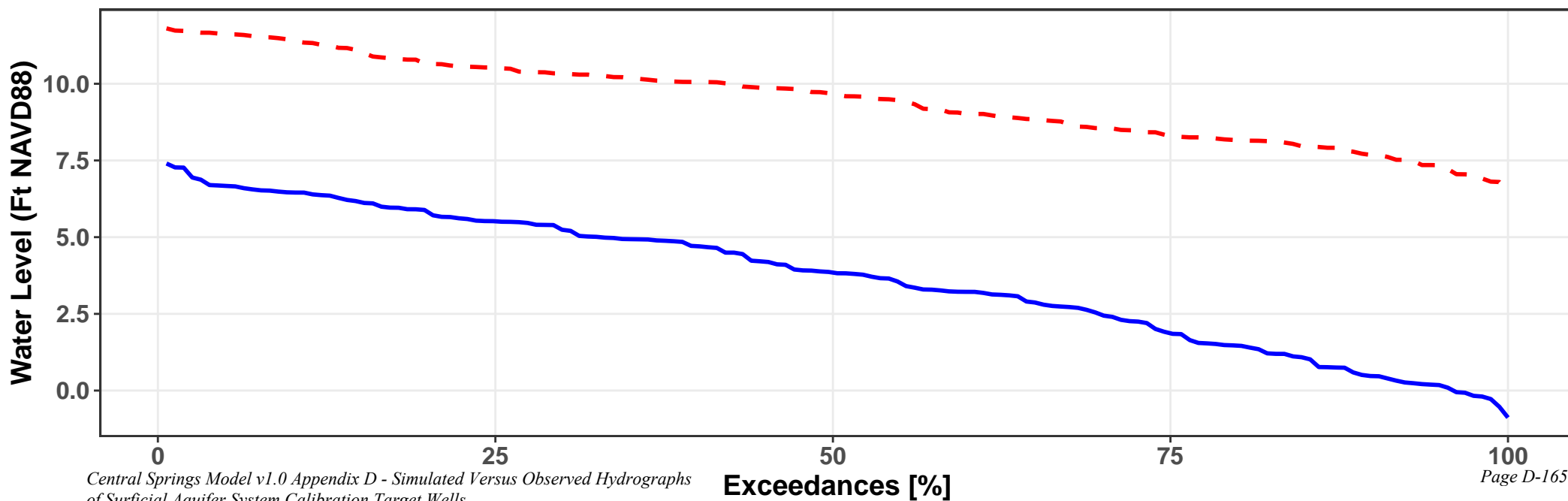
# S-1386 – SAS @ Sanford Zoo

ME = 5.8 MAE = 5.8  $R^2 = 0.4699$  NSE = -6.815

— Observed — Simulated



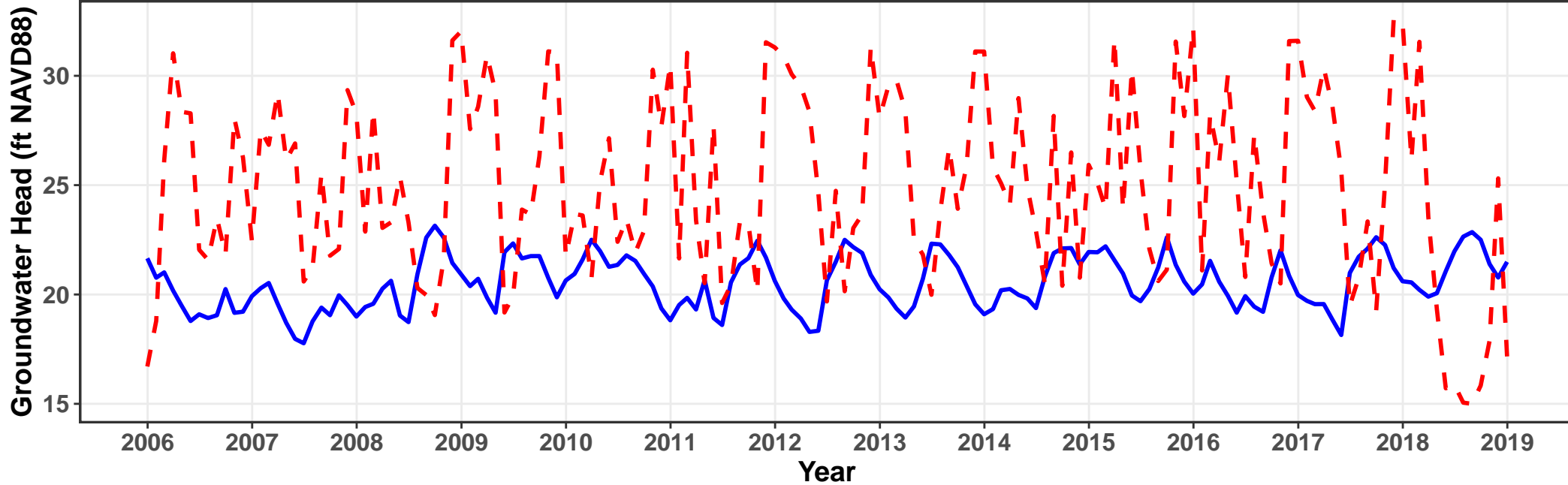
## Stage Duration Curve



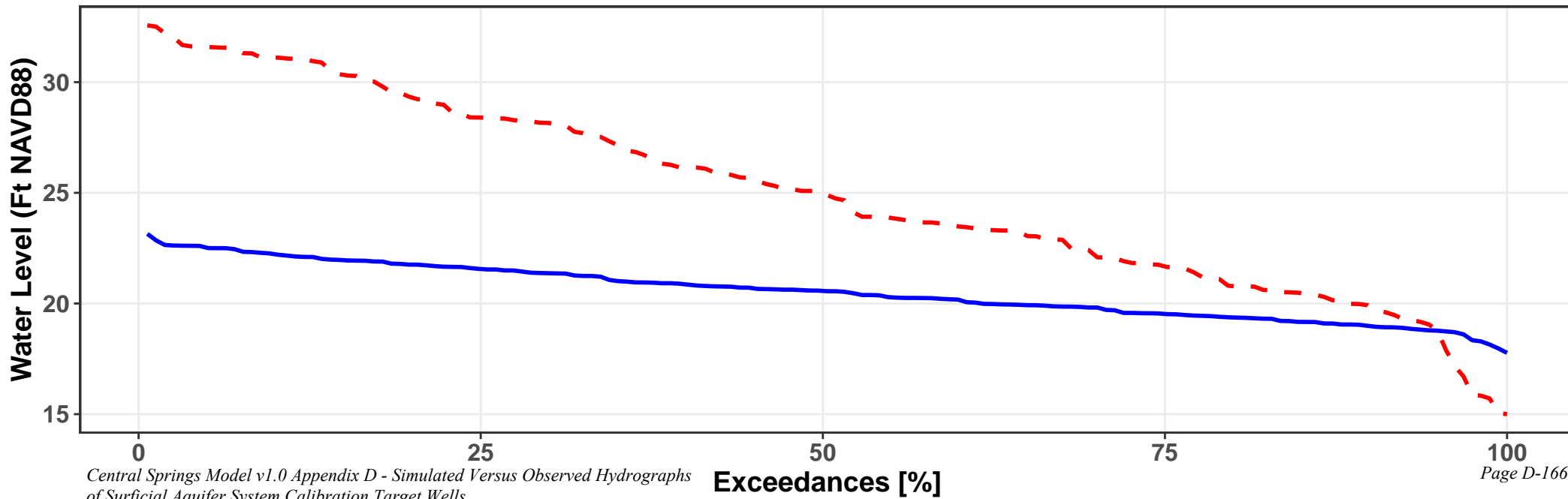
# S-1477 – SAS @ Seminole Env Cntr

ME = 4.4 MAE = 5.5  $R^2 = 0.1462$  NSE = -28.561

— Observed — Simulated



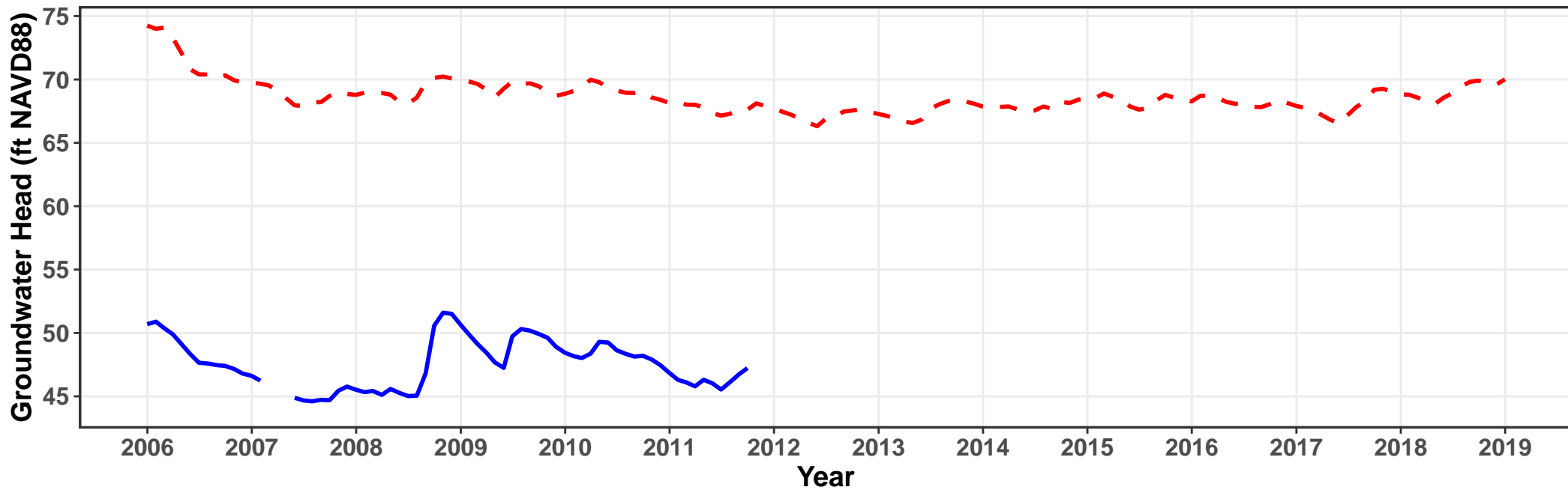
## Stage Duration Curve



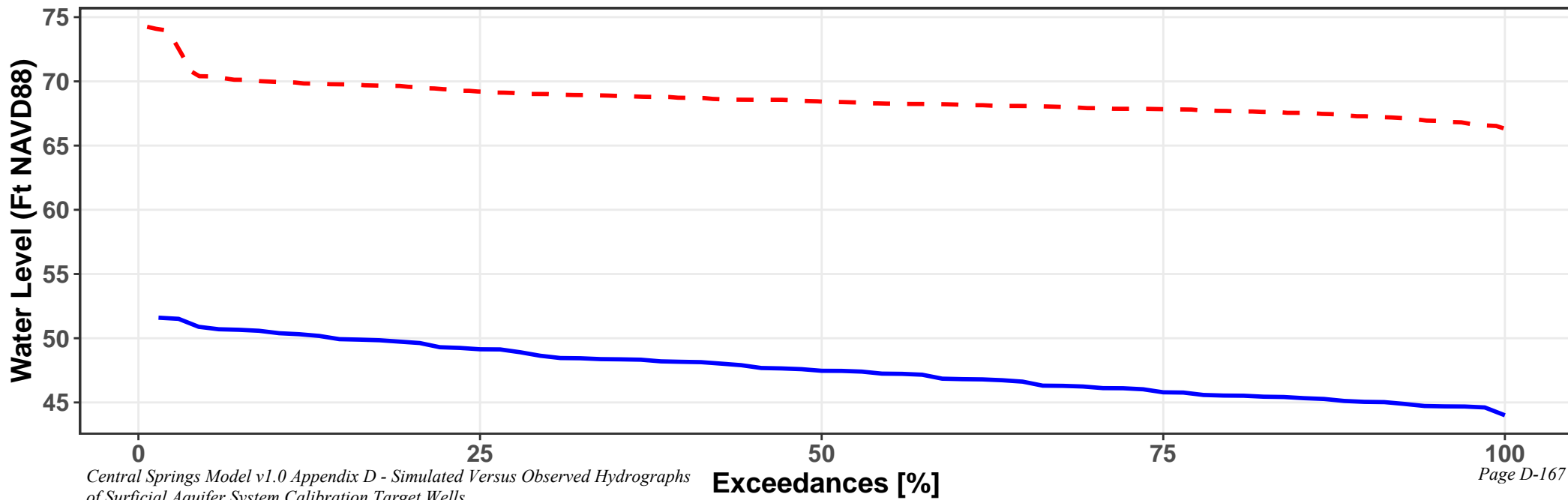
# S-1511 – SAS @ Altamonte Spg ES

ME = 21.8 MAE = 21.8  $R^2 = 0.3961$  NSE = -122.823

— Observed — Simulated



## Stage Duration Curve

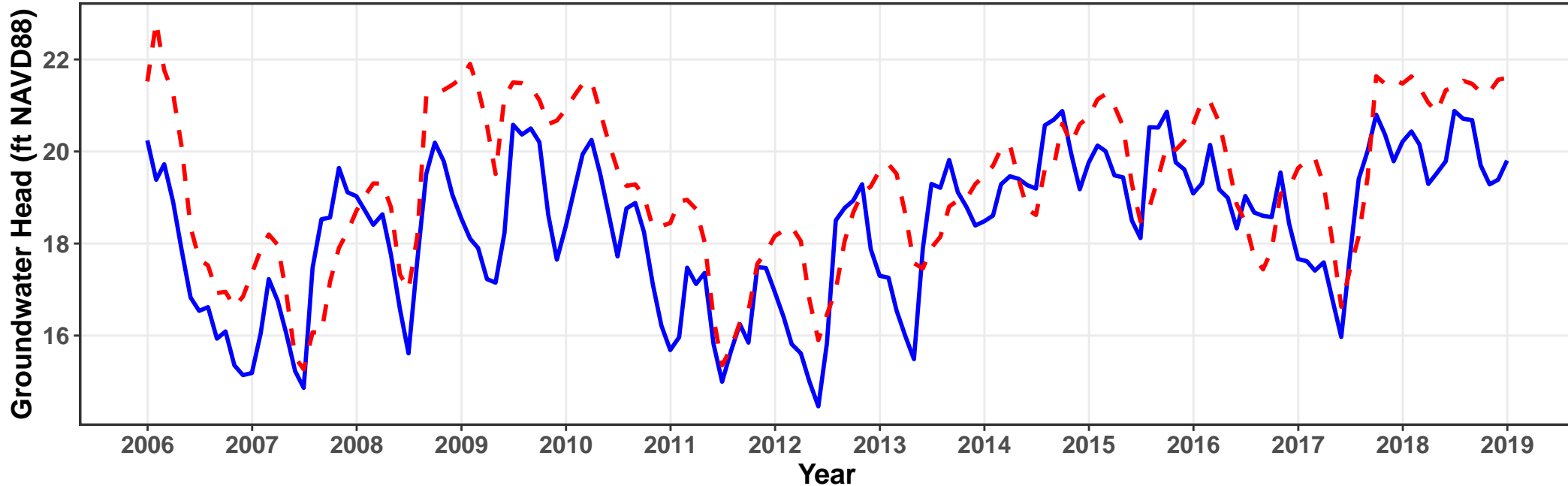




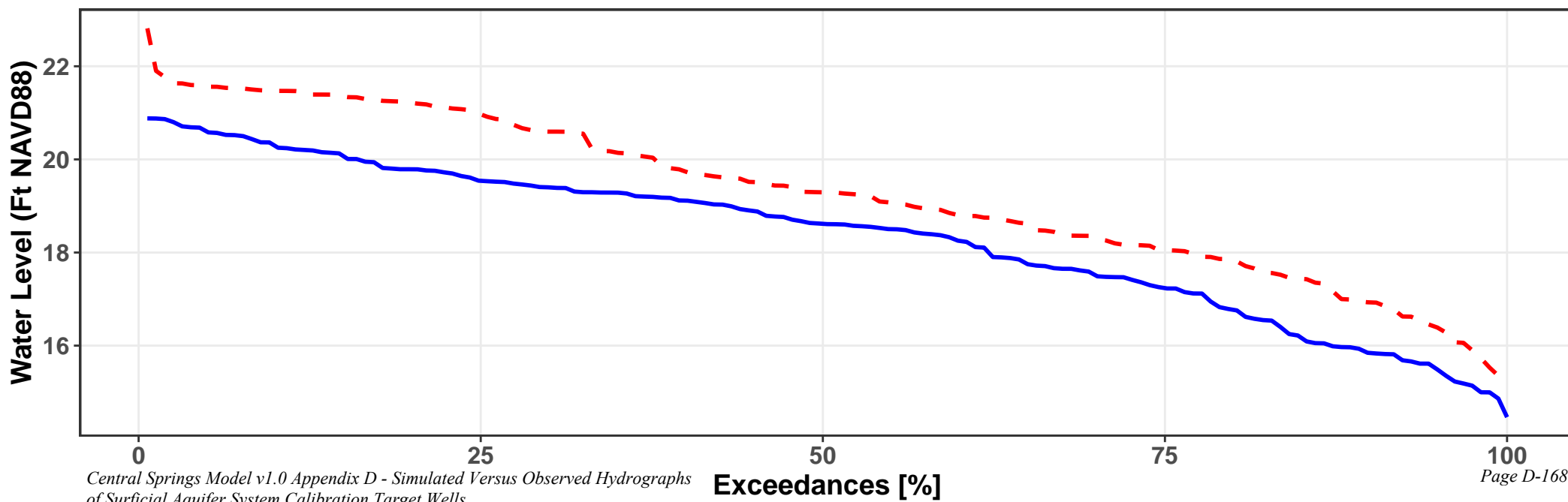
# V-0063 – SAS @ Barberville Wells

ME = 0.9 MAE = 1.3  $R^2 = 0.5535$  NSE = 0.112

— Observed — Simulated



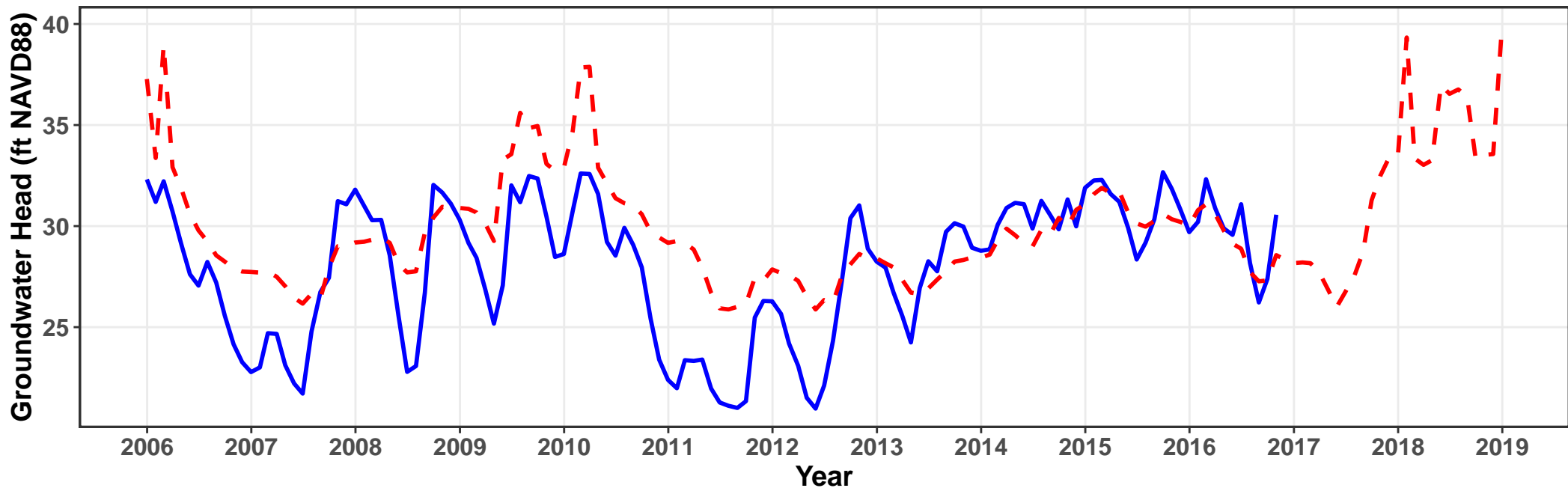
## Stage Duration Curve



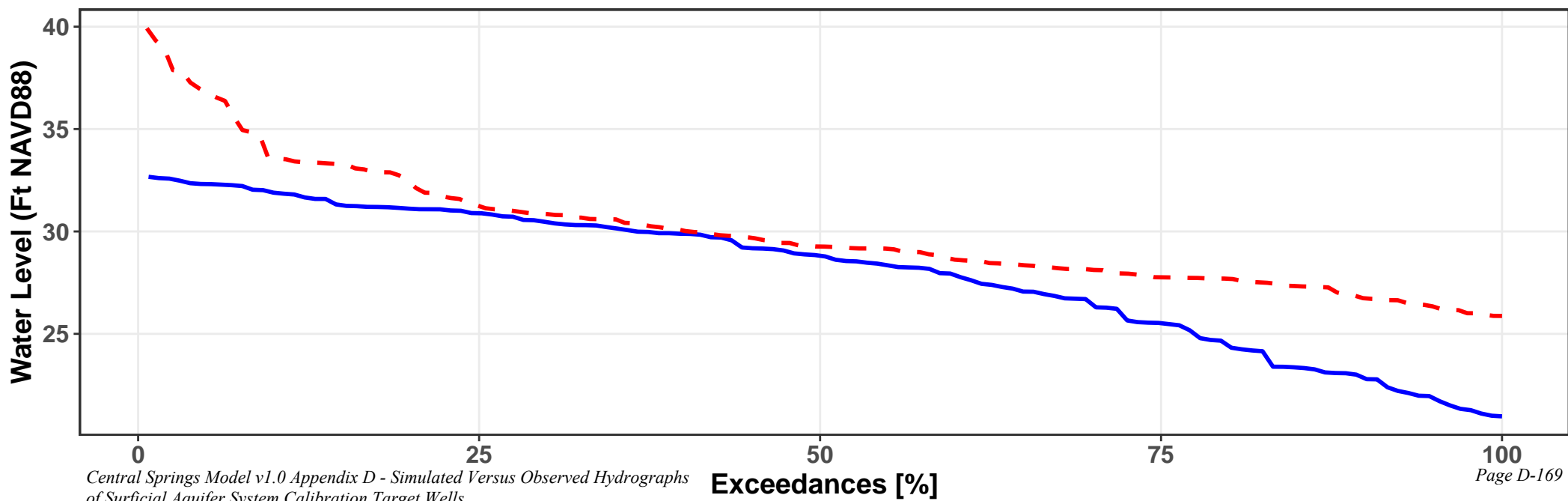
# V-0088 – SAS @ Union Camp V-0088

ME = 1.6 MAE = 2.4  $R^2 = 0.4598$  NSE = 0.229

— Observed — Simulated

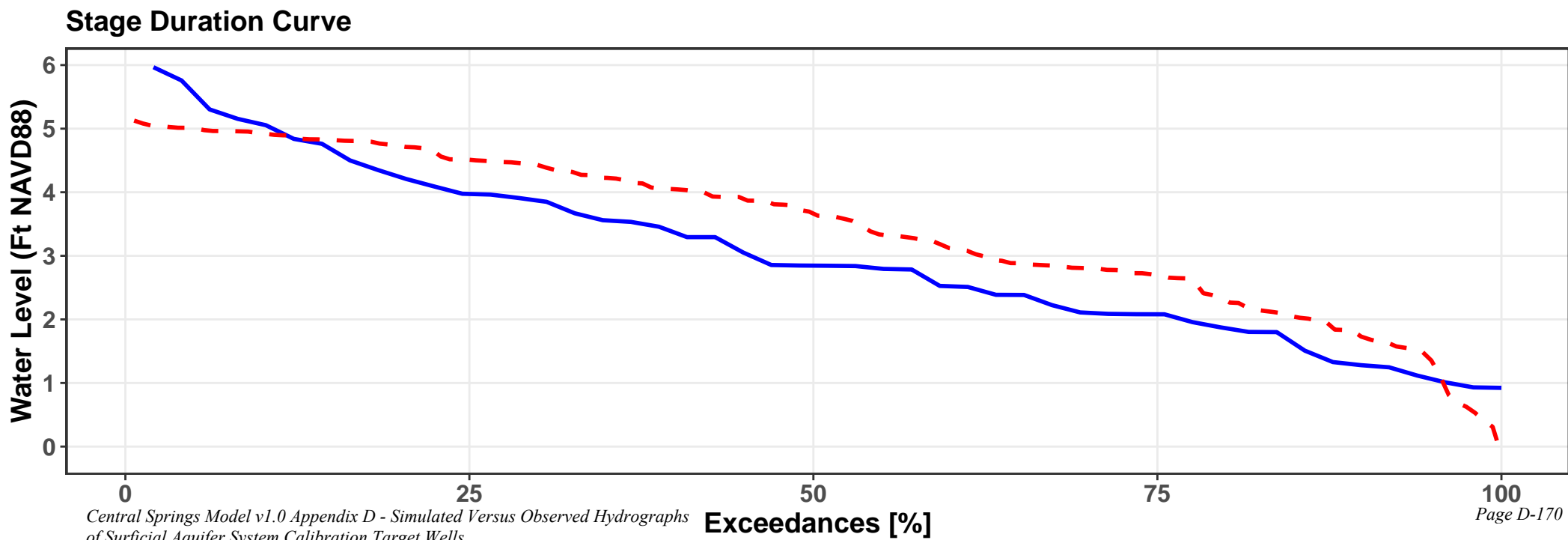
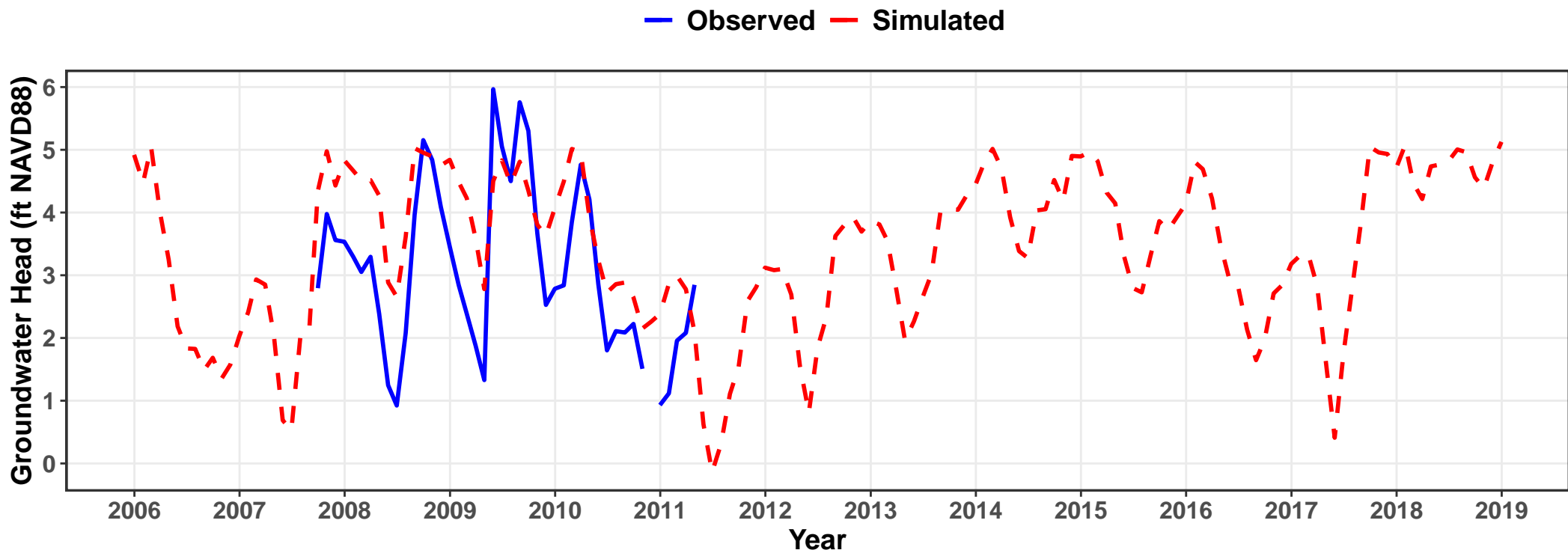


## Stage Duration Curve



# V-0142 – SAS @ Shell Harbor Rd W

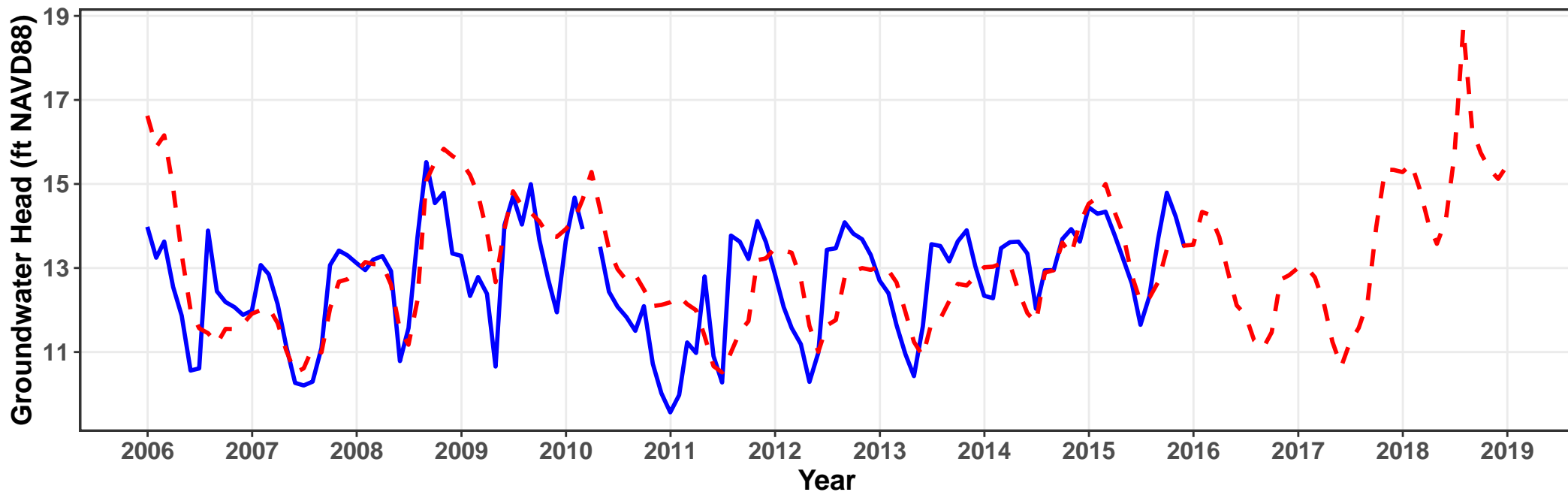
ME = 0.8 MAE = 1  $R^2 = 0.647$  NSE = 0.263



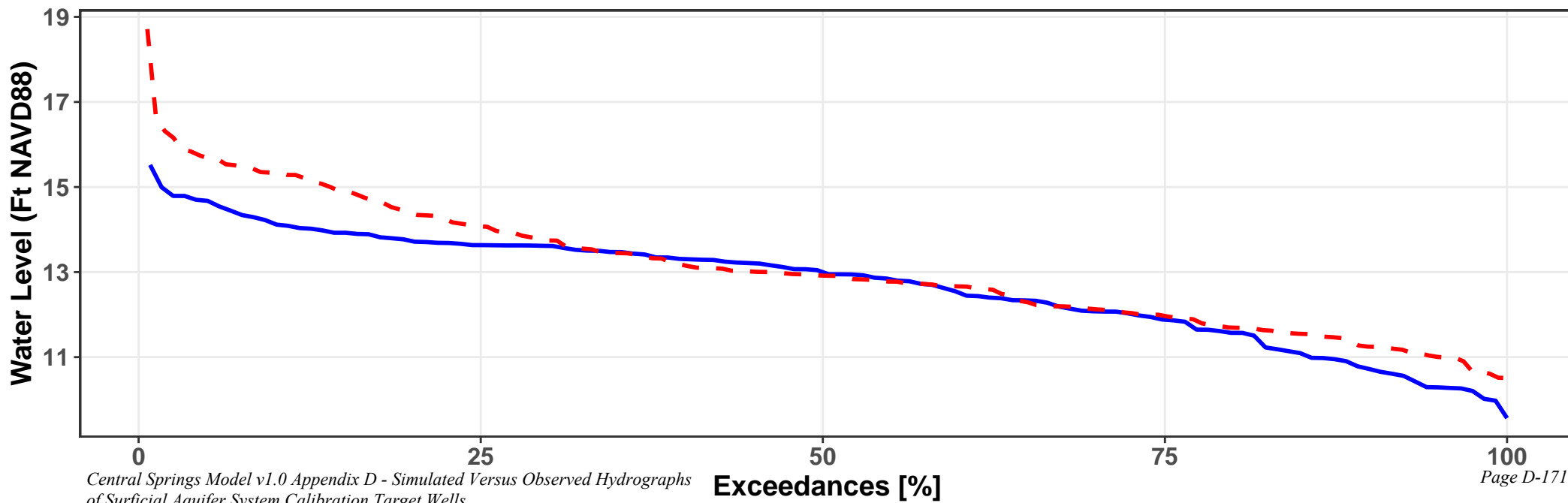
# V-0166 – SAS @ Took Frm

ME = 0.2 MAE = 1  $R^2 = 0.3507$  NSE = 0.142

— Observed — Simulated



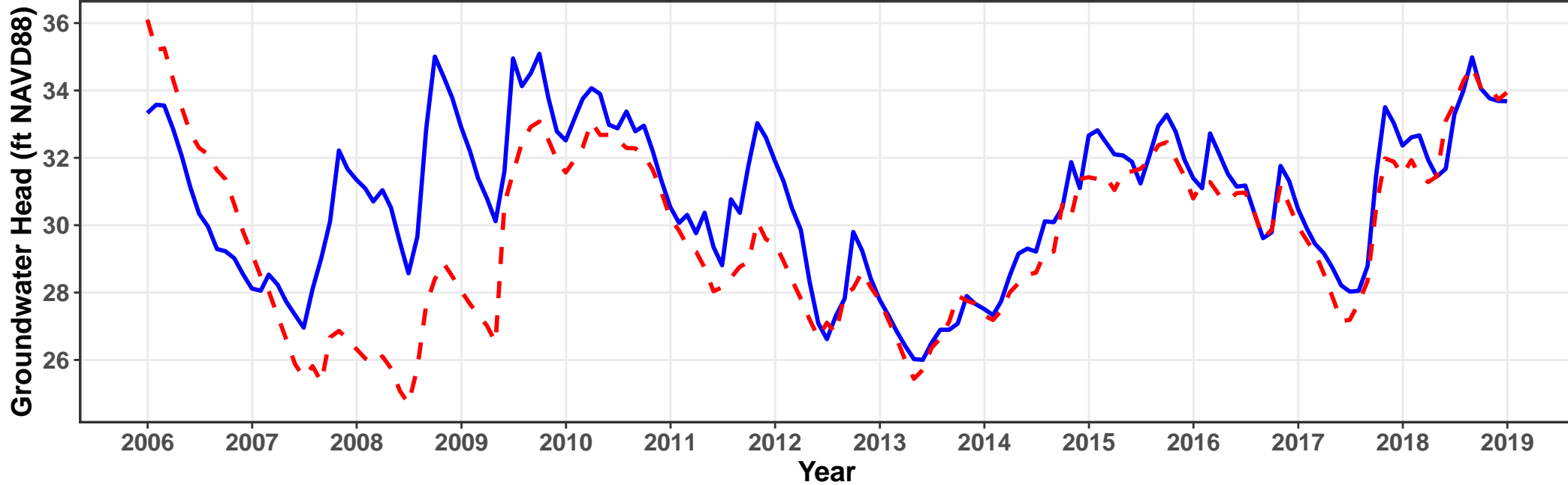
## Stage Duration Curve



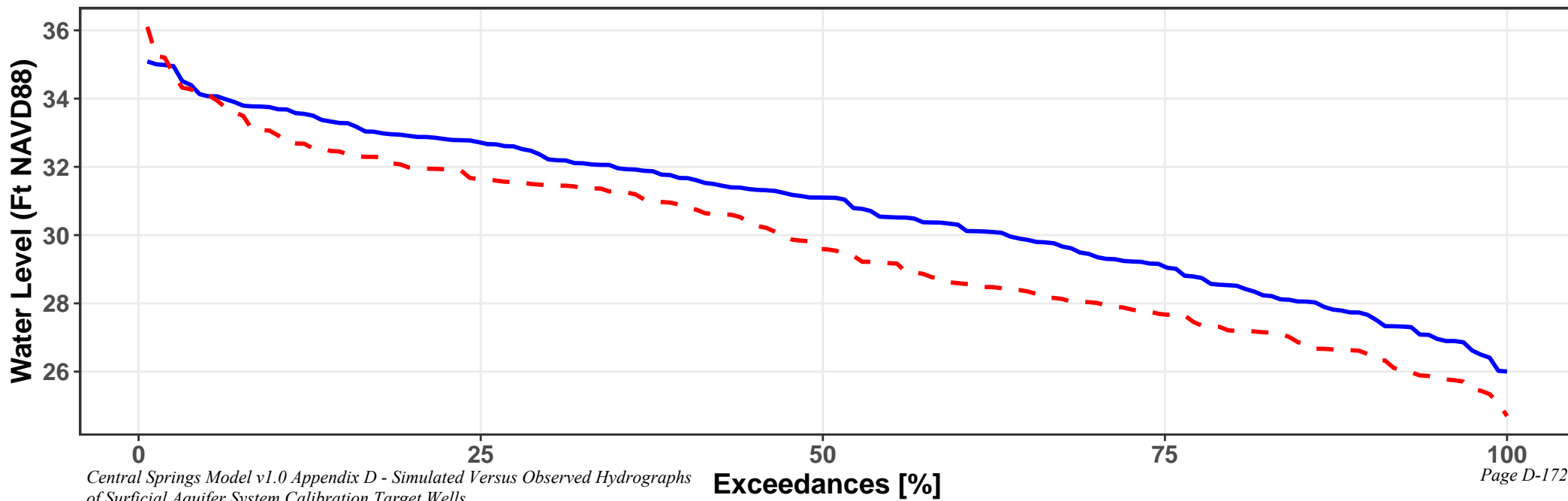
# V-0193 – SAS @ Tomoka Twr

ME = -1.1 MAE = 1.4  $R^2 = 0.549$  NSE = 0.183

— Observed - - Simulated



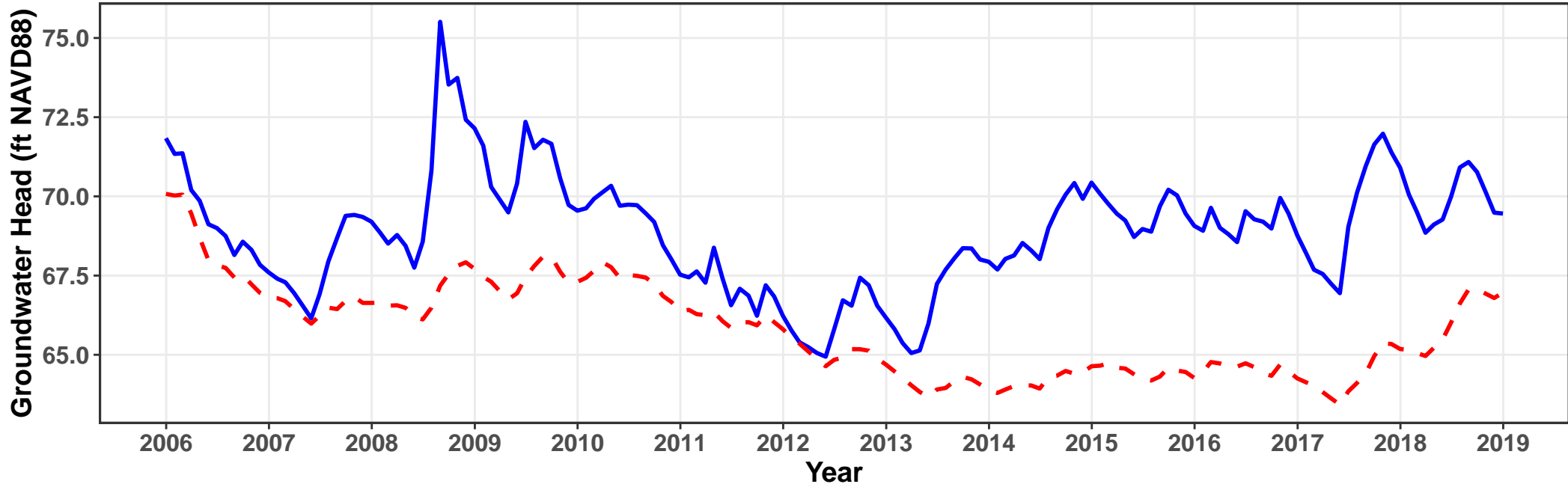
## Stage Duration Curve



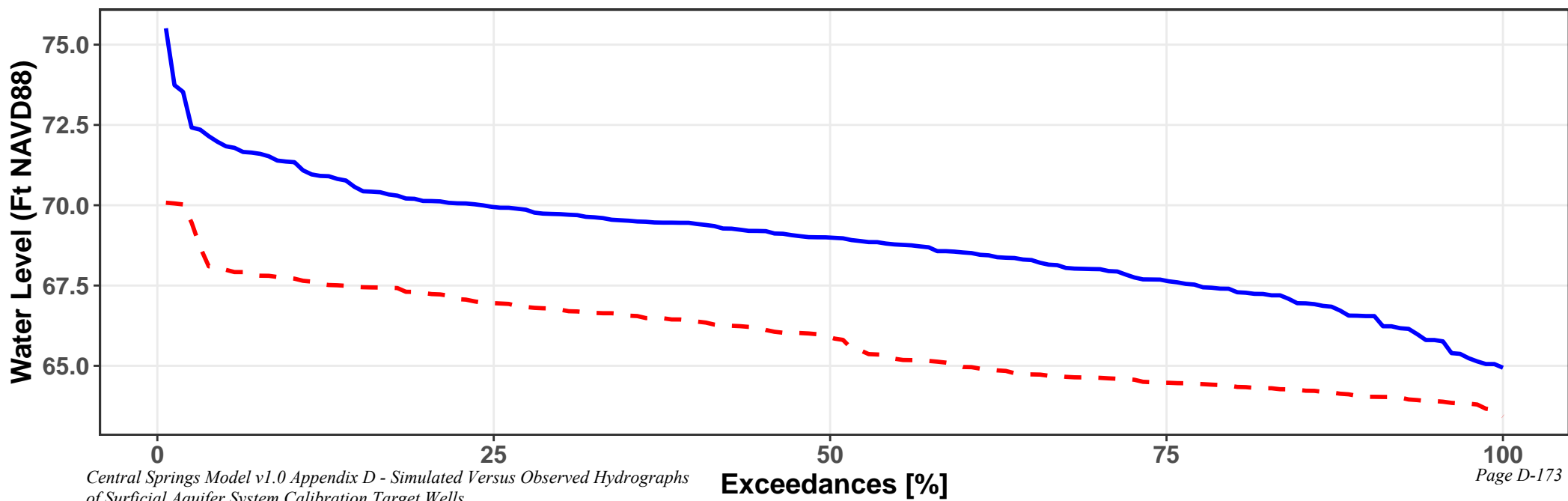
# V-0197 – SAS @ Orange City Ftwr

ME = -3.1 MAE = 3.1  $R^2 = 0.1866$  NSE = -2.727

— Observed — Simulated



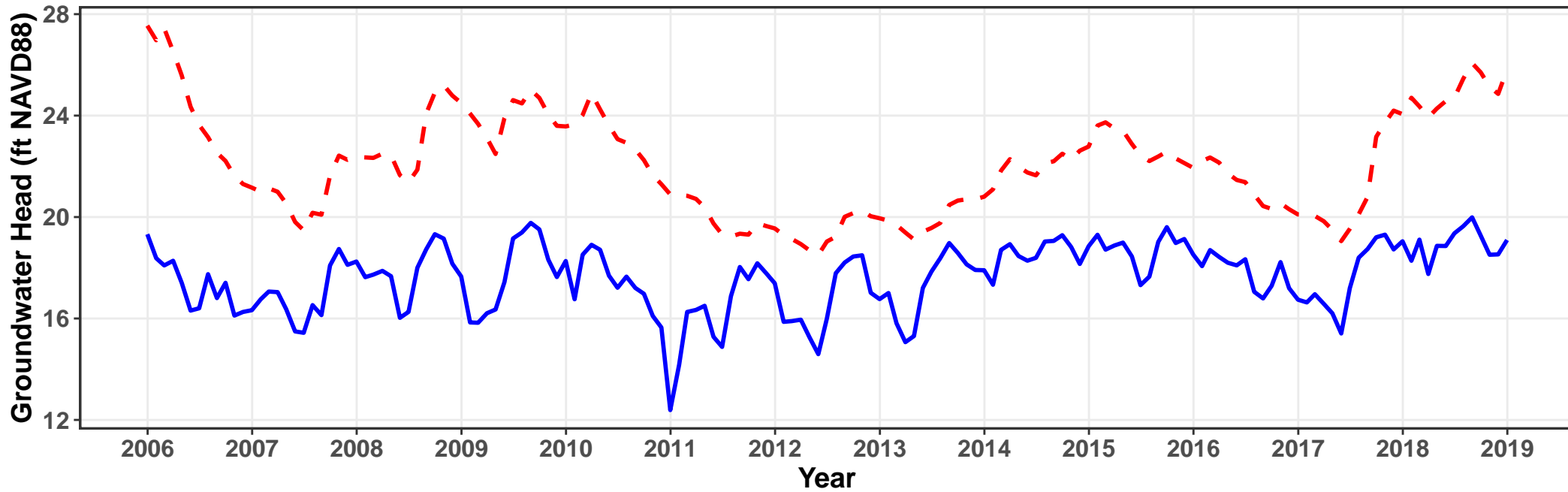
## Stage Duration Curve



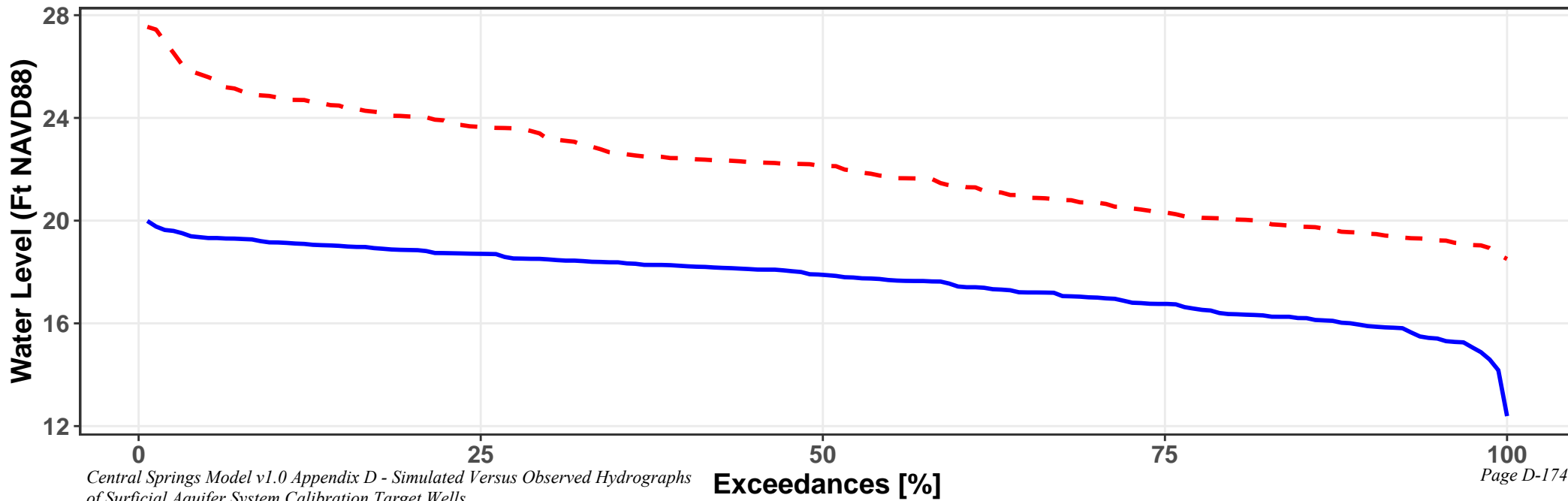
# V-0524 – SAS @ W Pierson

ME = 4.4 MAE = 4.4  $R^2 = 0.324$  NSE = -12.056

— Observed — Simulated



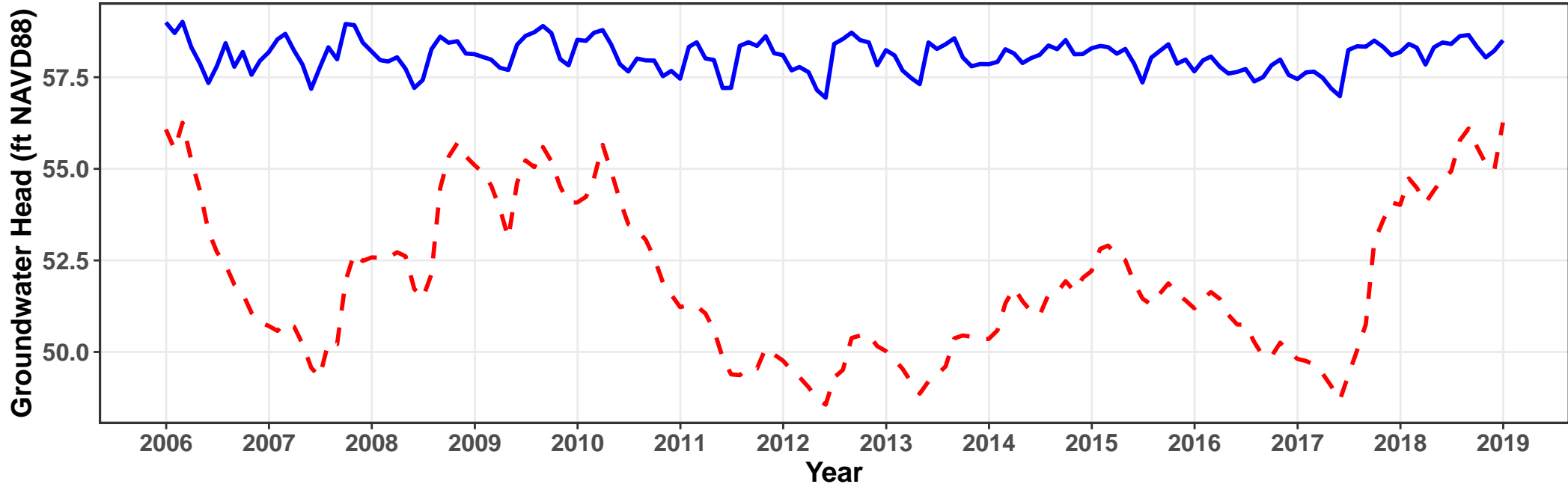
## Stage Duration Curve



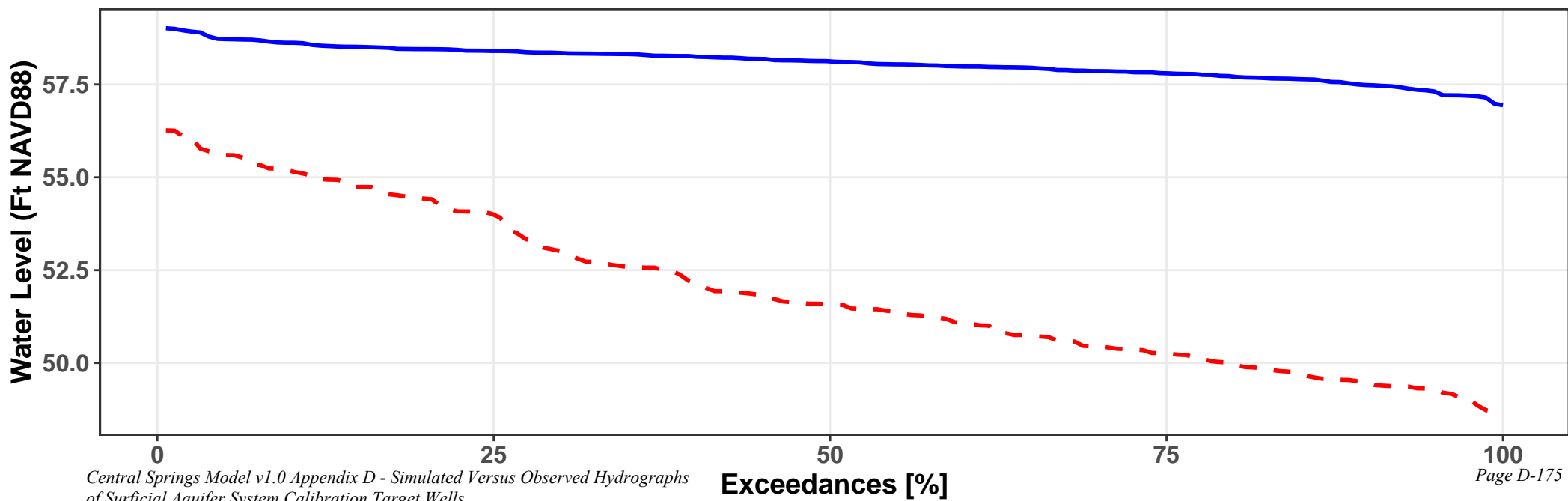
# V-0528 – SAS @ Pierson AP

ME = -6.1 MAE = 6.1  $R^2 = 0.2381$  NSE = -218.917

— Observed — Simulated



## Stage Duration Curve



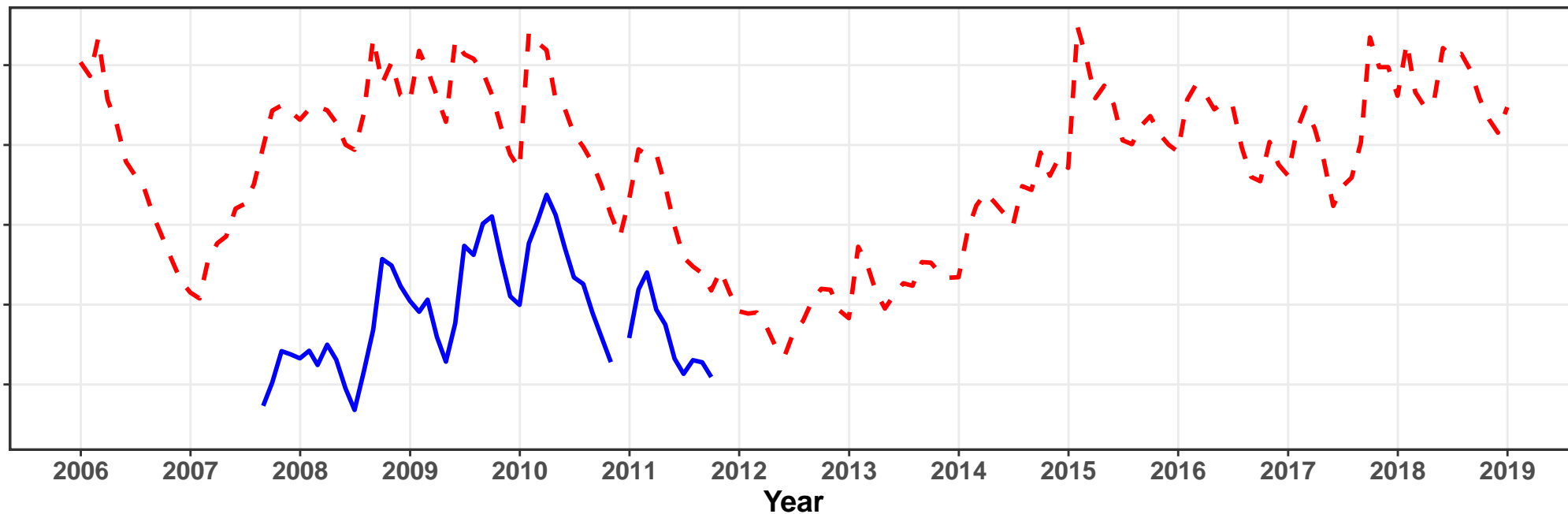


# V-0535 – SAS @ Kalota

ME = 4.5 MAE = 4.5  $R^2 = 0.4089$  NSE = -9.157

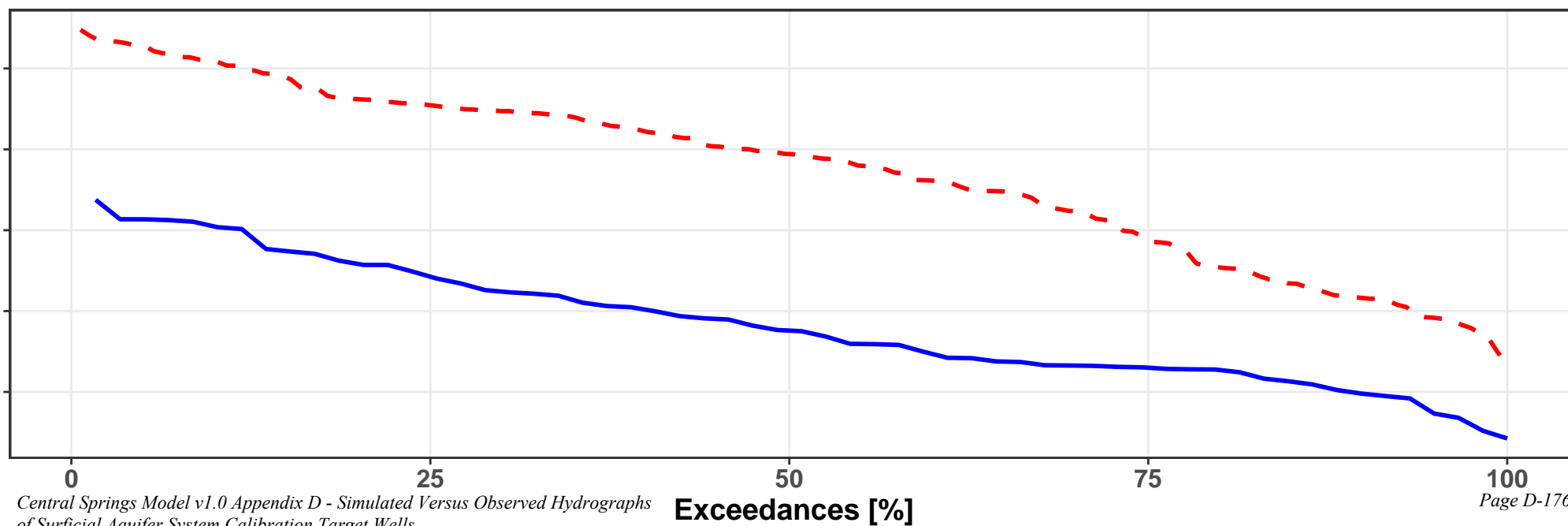
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

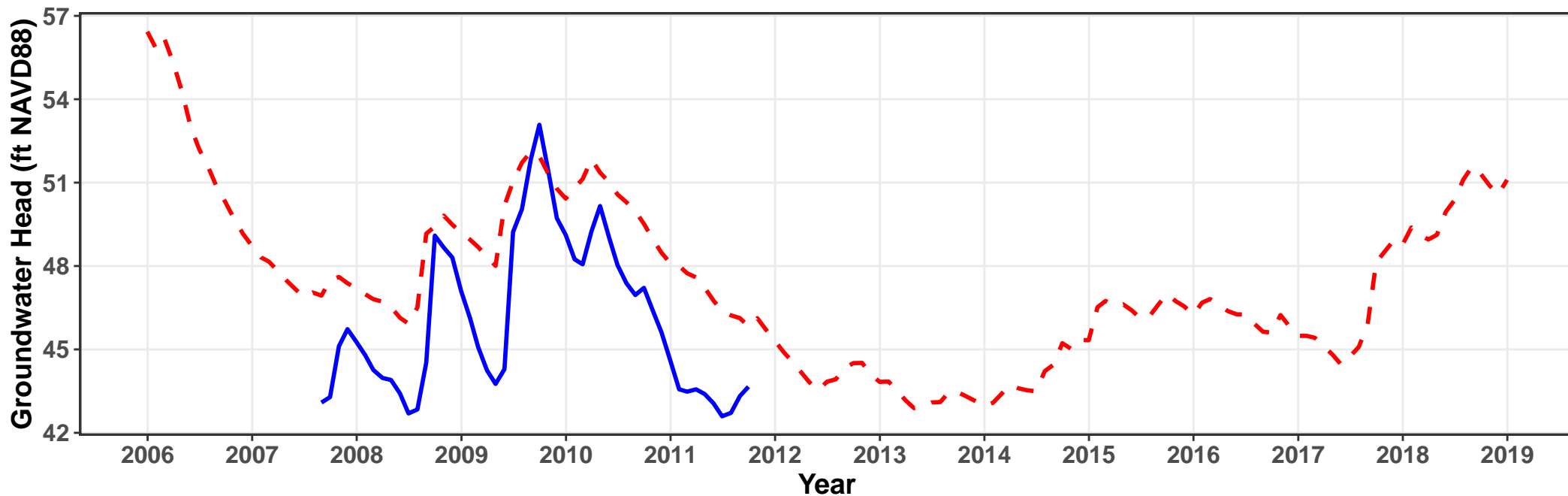
Water Level (Ft NAVD88)



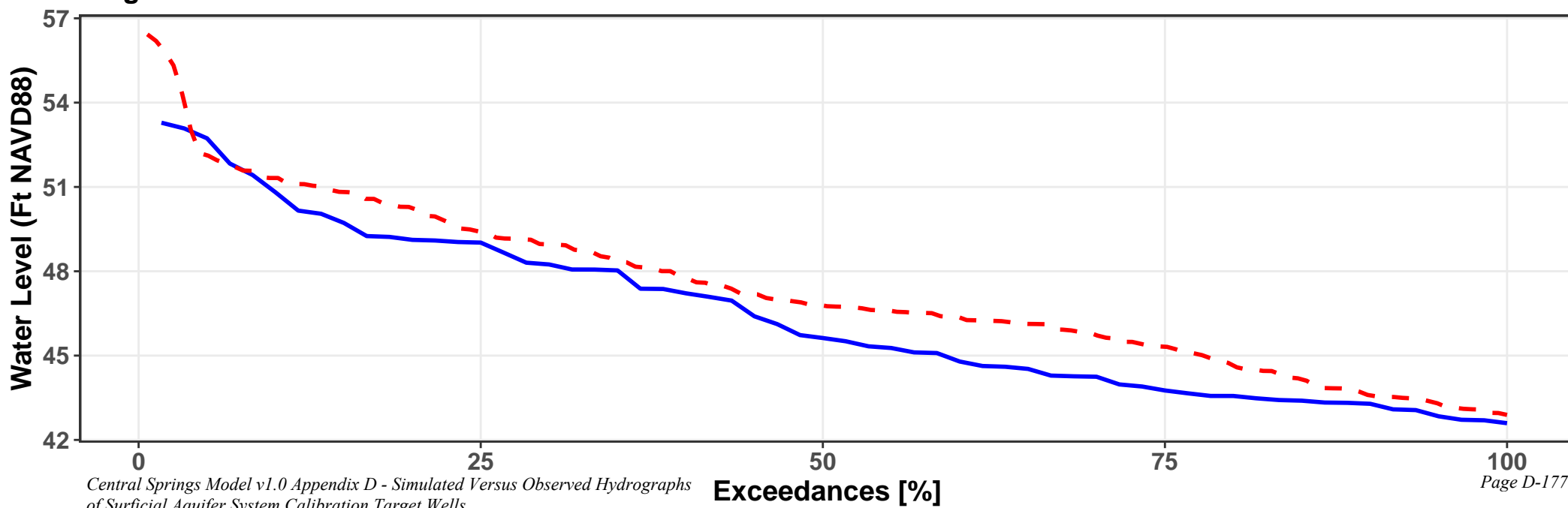
# V-0537 – SAS @ Crosby Realty

ME = 2.7 MAE = 2.8  $R^2 = 0.84$  NSE = -0.025

— Observed — Simulated



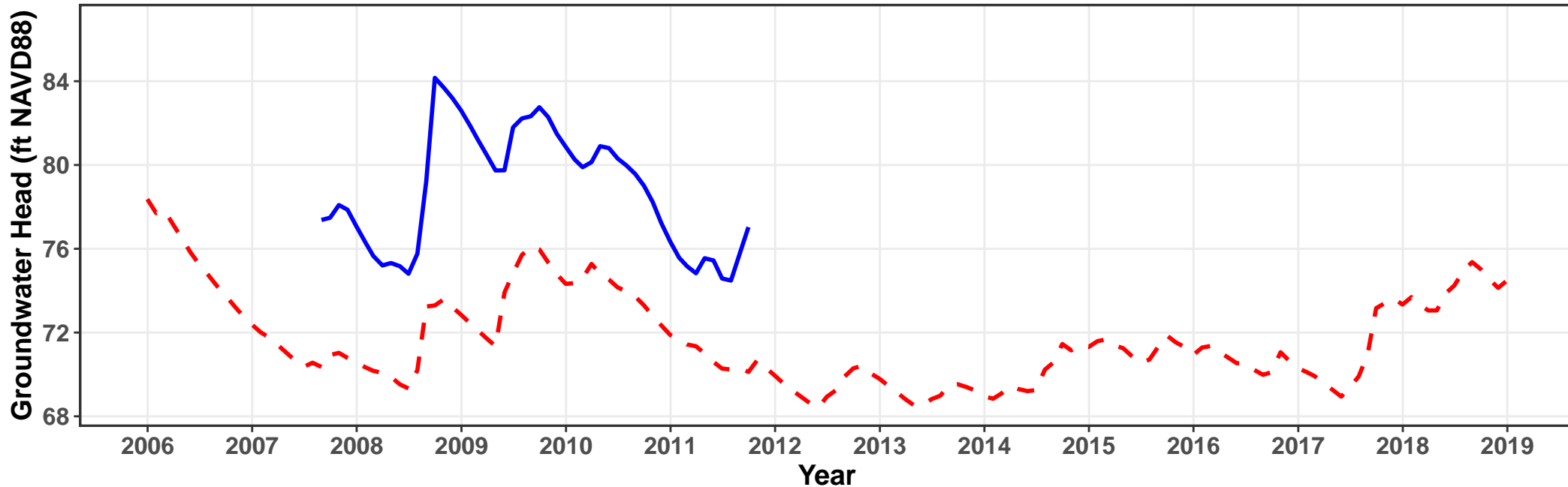
## Stage Duration Curve



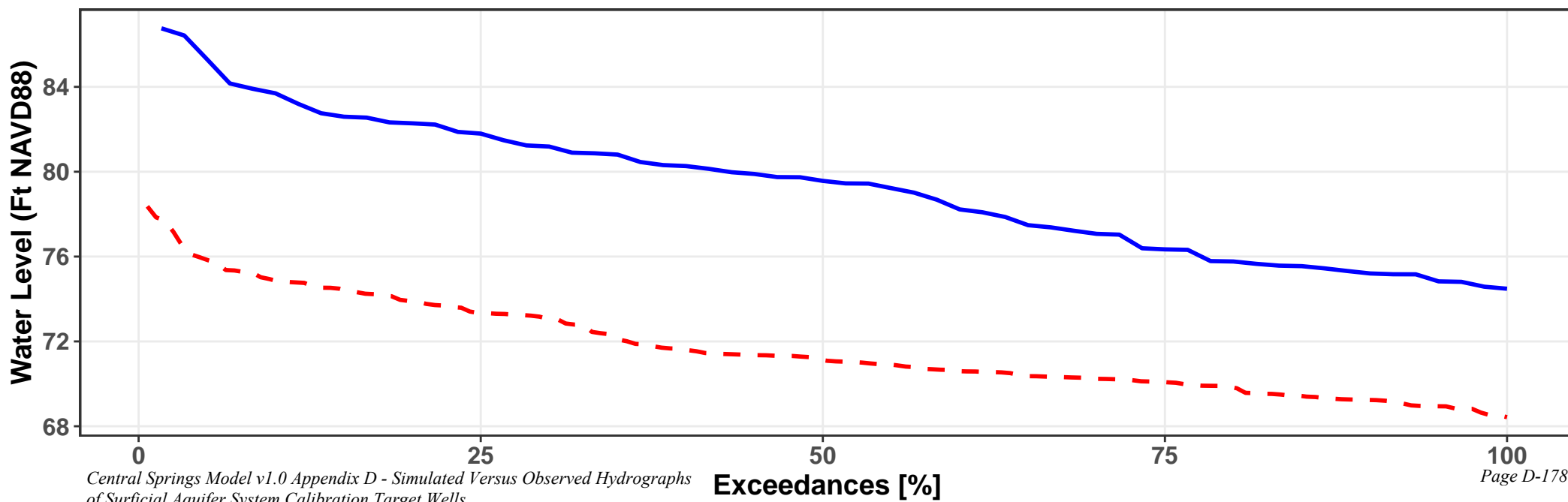
# V-0539 – SAS @ Tall Oaks Dr

ME = -6.6 MAE = 6.6  $R^2 = 0.7511$  NSE = -3.582

— Observed — Simulated



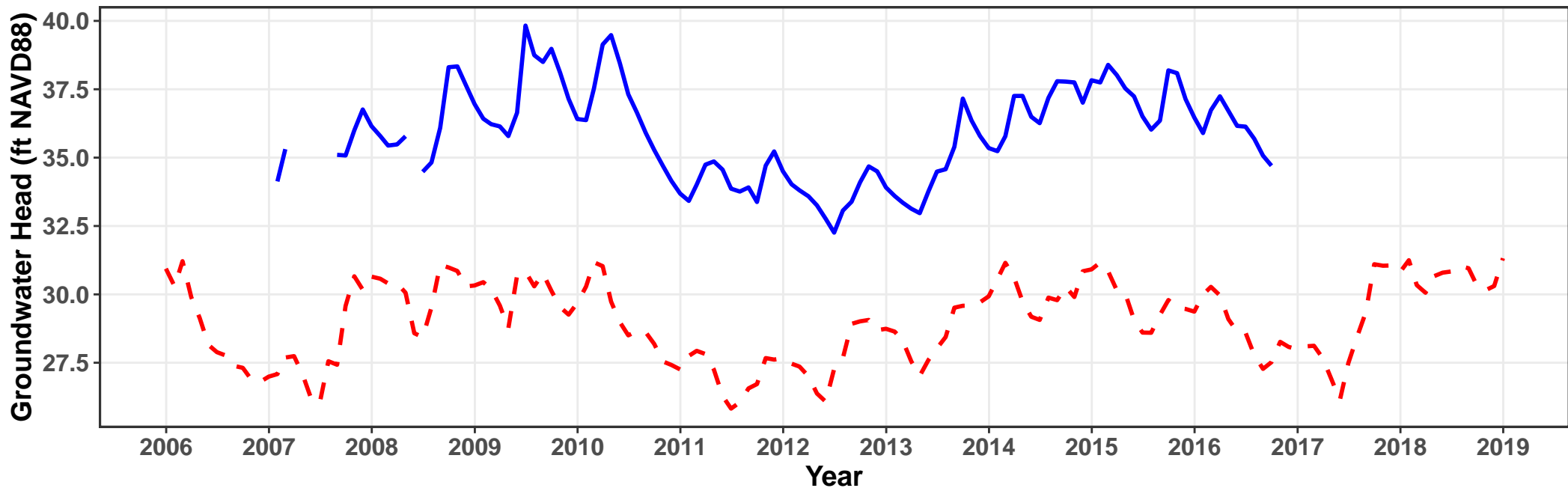
## Stage Duration Curve



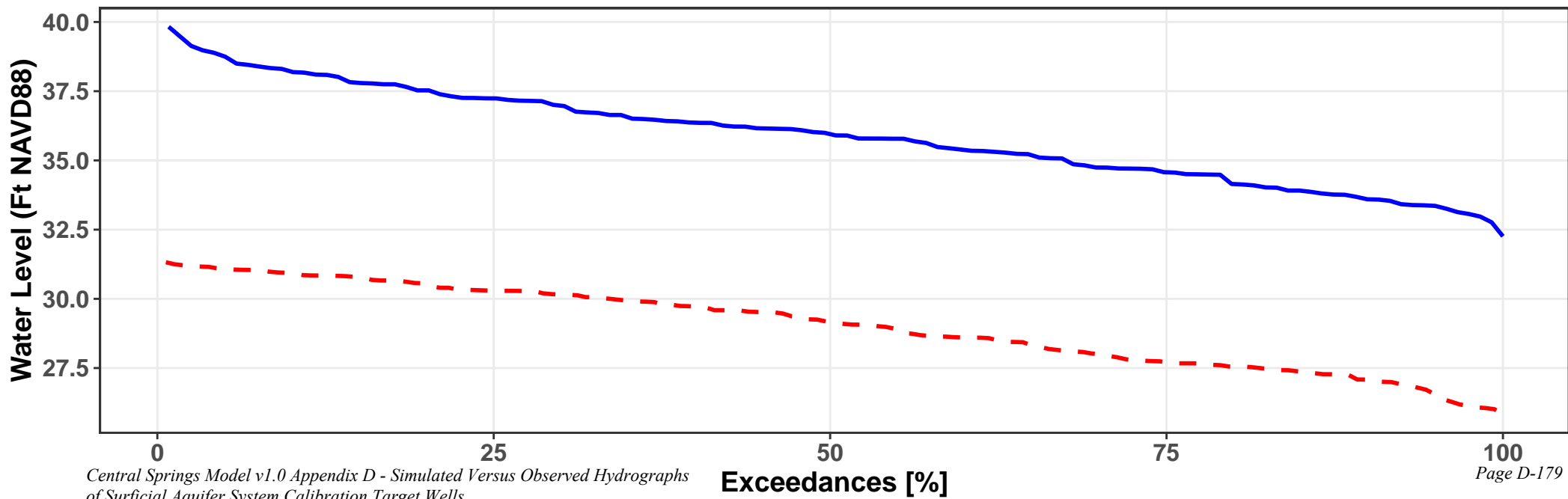
# V-0541 – SAS @ Nolan Rd

ME = -6.9 MAE = 6.9  $R^2 = 0.569$  NSE = -15.94

— Observed — Simulated



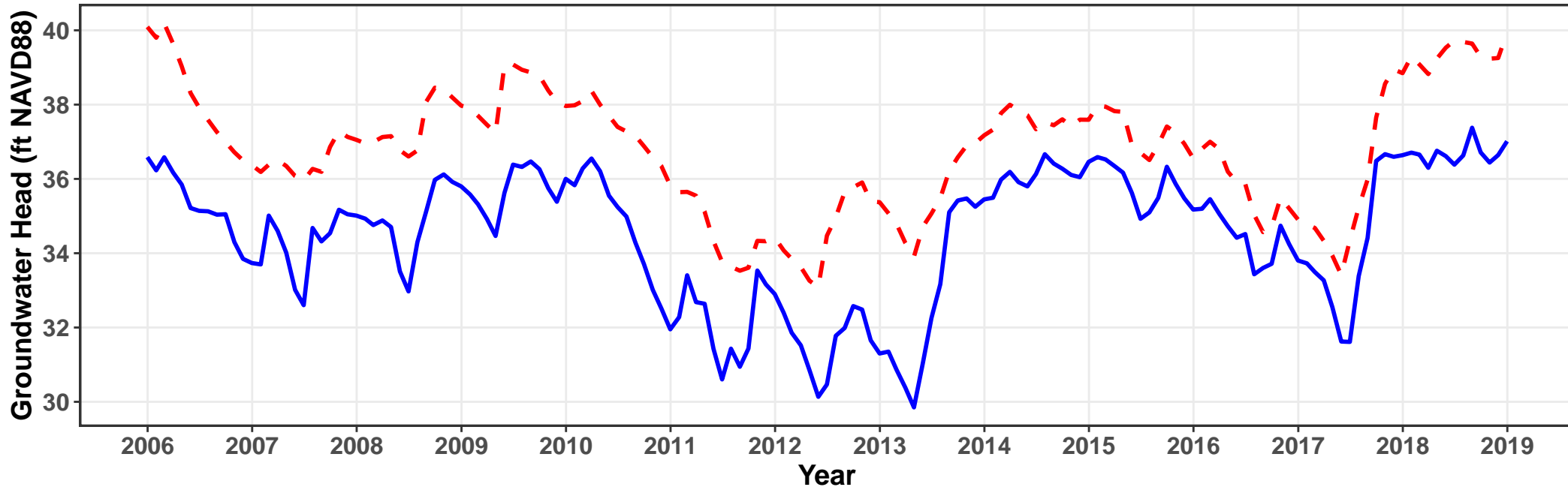
## Stage Duration Curve



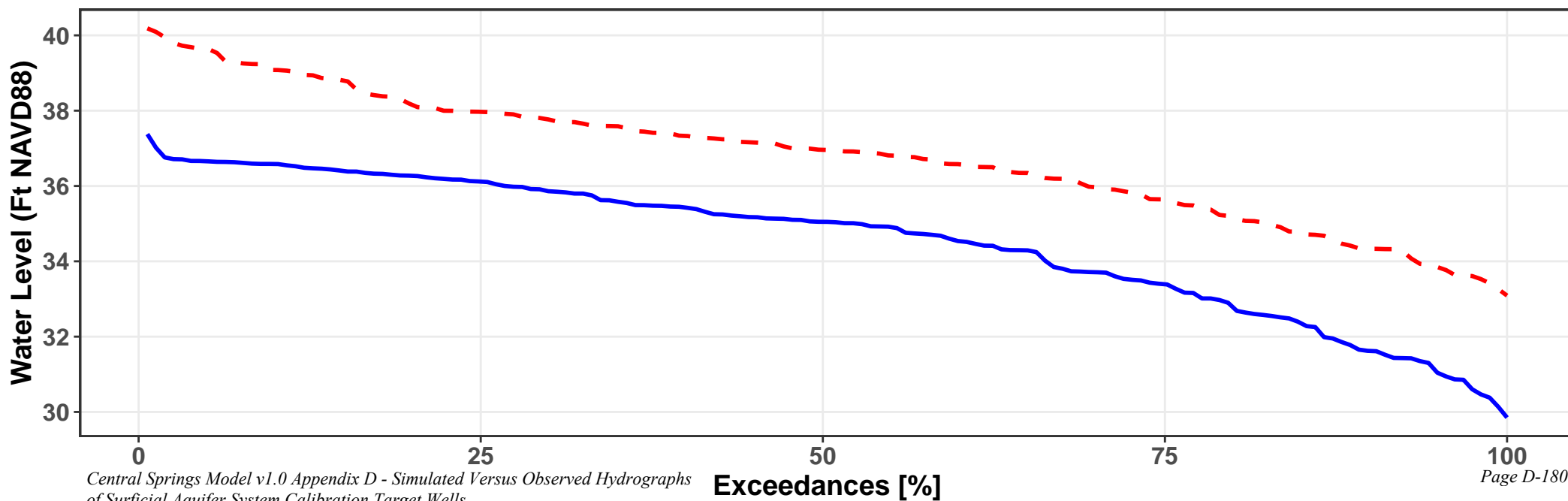
# V-0565 – SAS @ Seville Ftwr

ME = 2.3 MAE = 2.3  $R^2 = 0.7971$  NSE = -0.759

— Observed — Simulated



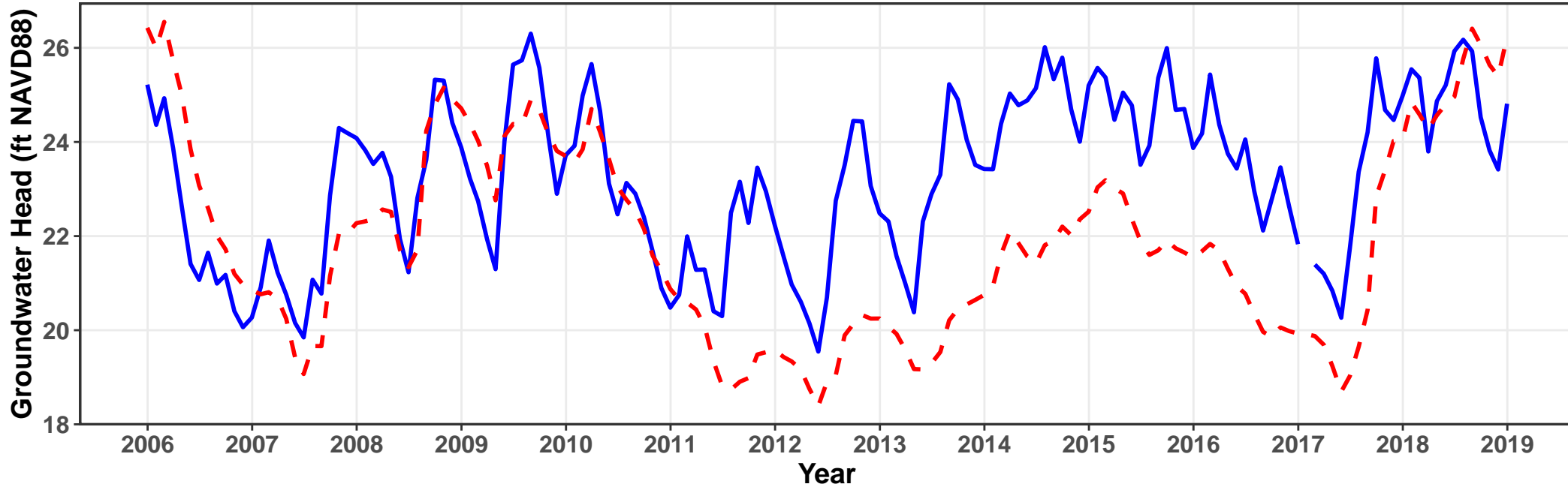
## Stage Duration Curve



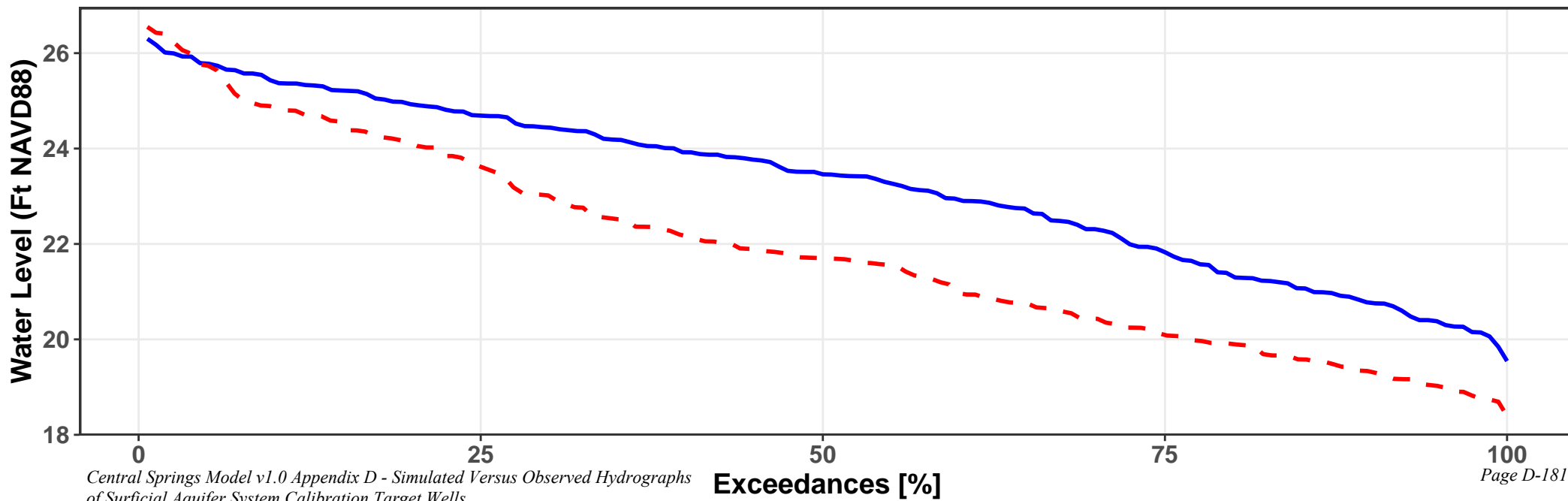
# V-0578 – SAS @ Shell Harbor Rd E

ME = -1.4 MAE = 1.8  $R^2 = 0.3795$  NSE = -0.594

— Observed - - Simulated



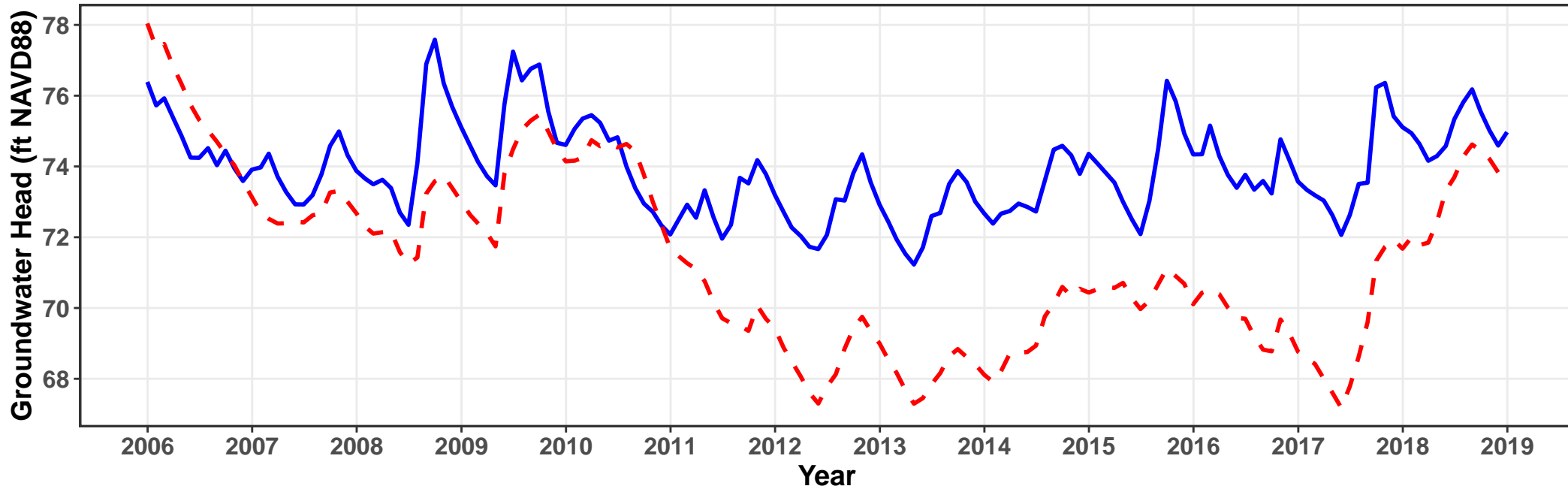
## Stage Duration Curve



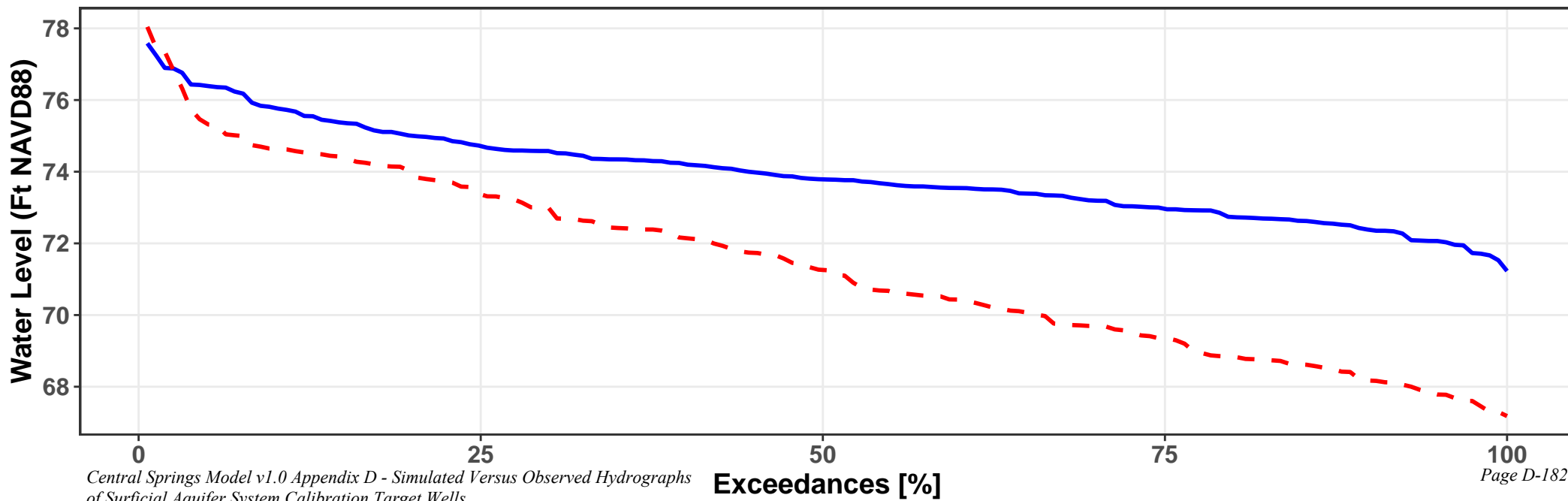
# V-0744 – SAS @ Lee AP

ME = -2.6 MAE = 2.7  $R^2 = 0.4783$  NSE = -5.002

— Observed — Simulated



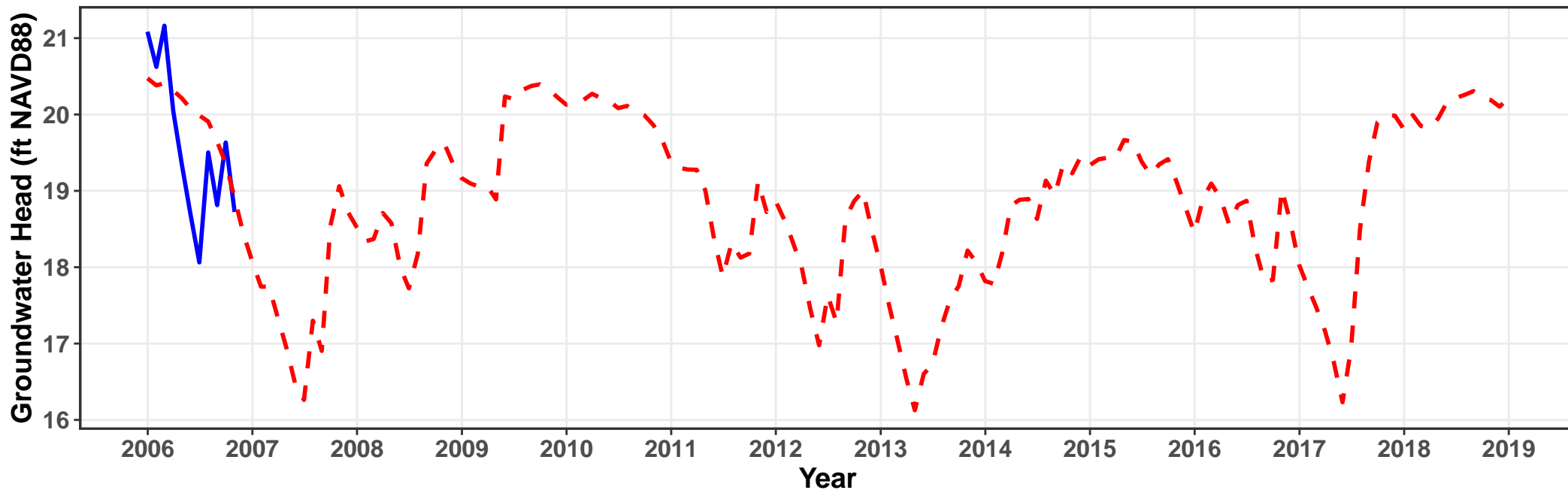
## Stage Duration Curve



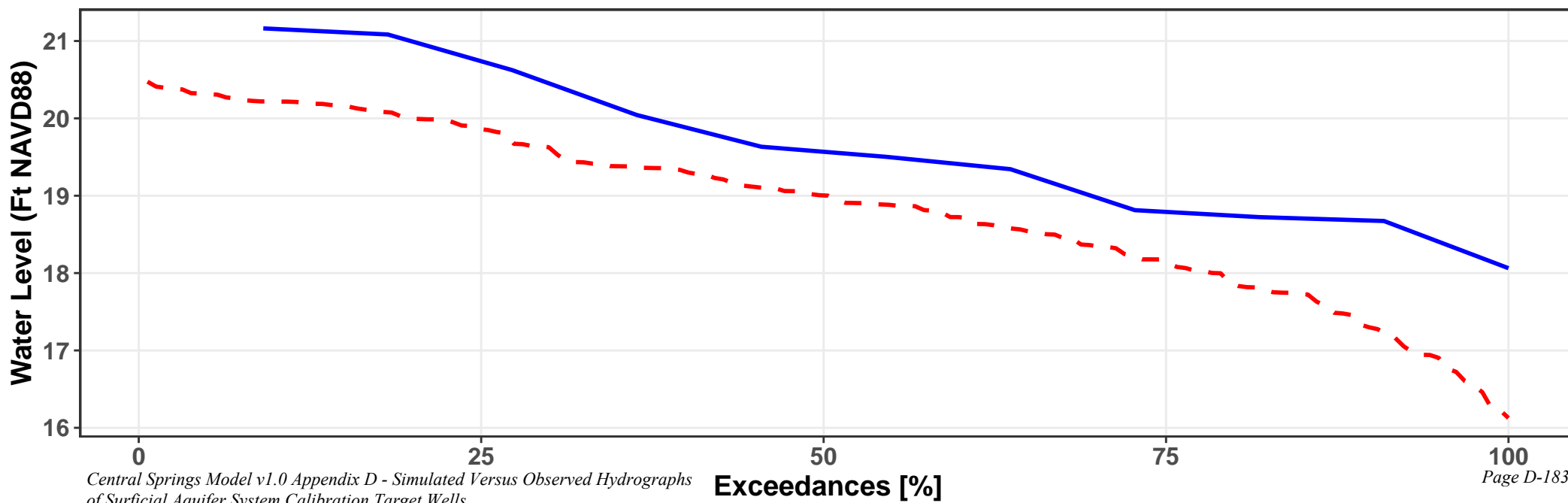
# V-0761 – SAS @ W Ormond Bch

ME = 0.4 MAE = 0.7  $R^2 = 0.3512$  NSE = 0.2

— Observed — Simulated



## Stage Duration Curve

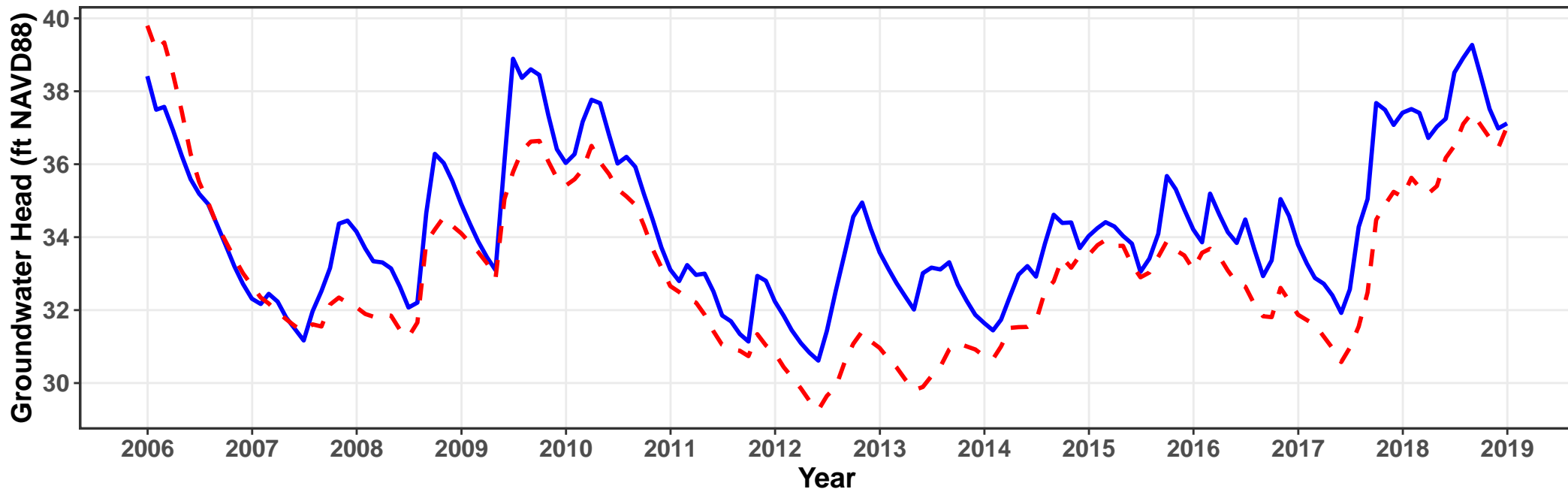




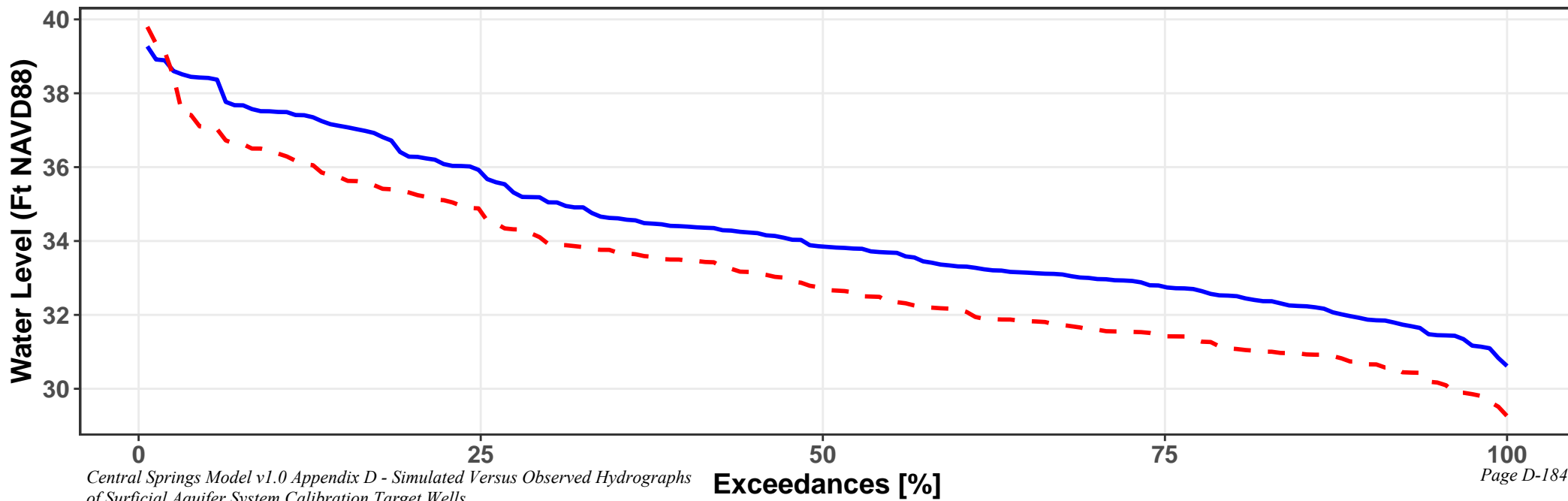
# V-0770 – SAS @ SR40 & 11

ME = -1.2 MAE = 1.3  $R^2 = 0.8068$  NSE = 0.458

— Observed - - Simulated



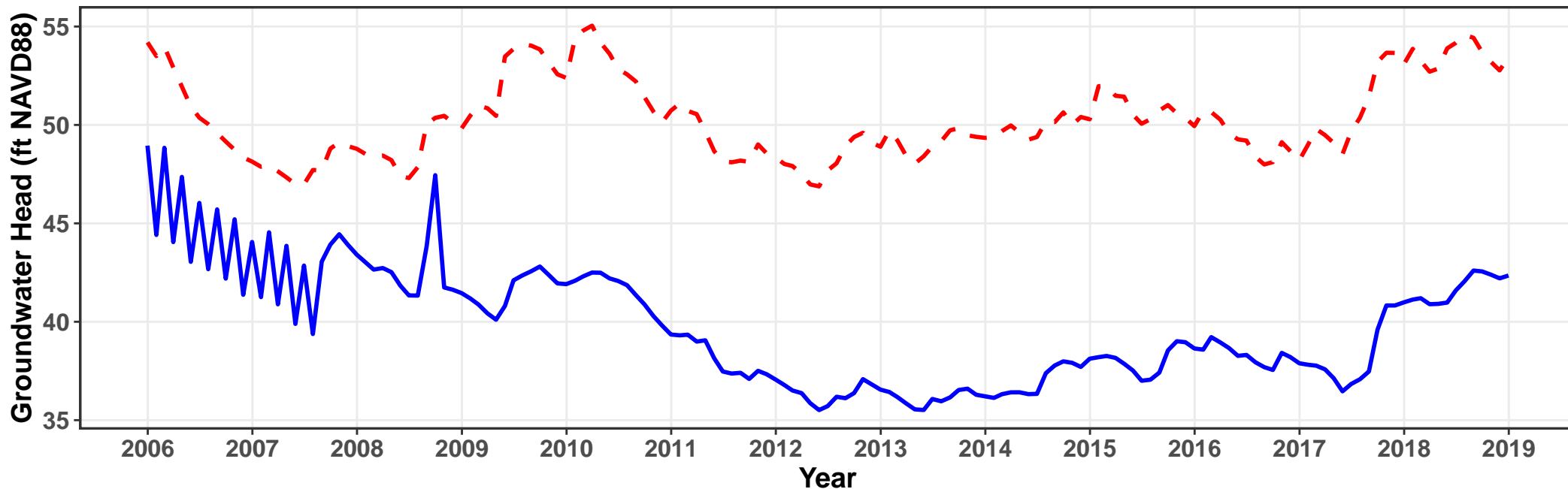
## Stage Duration Curve



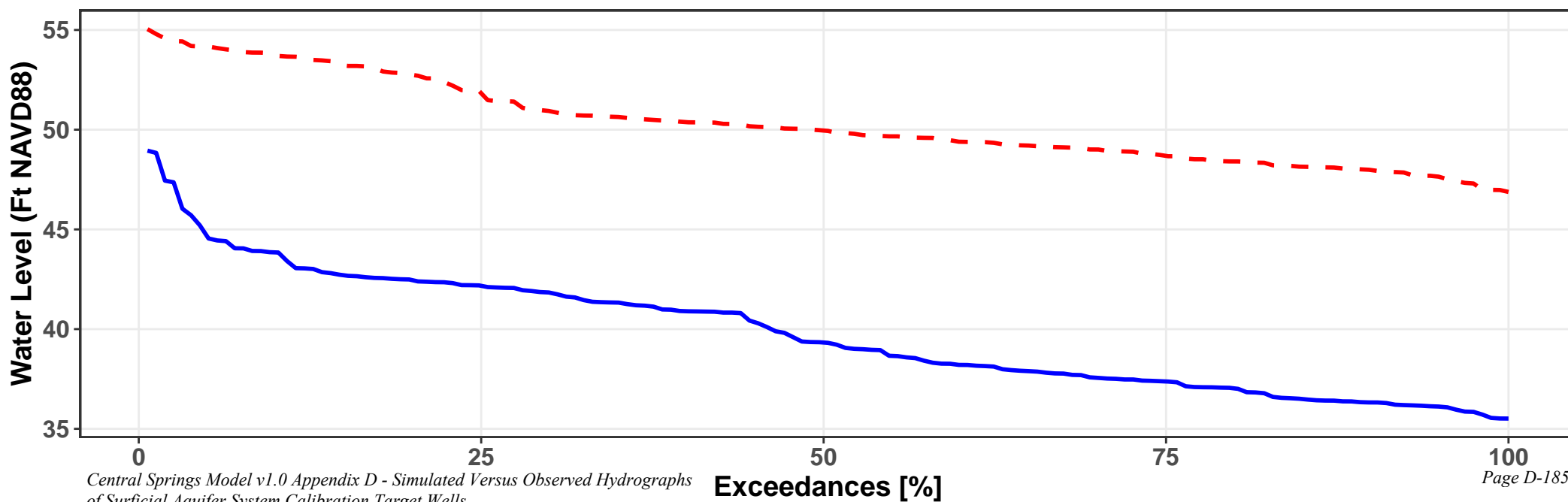
# V-0813 – SAS @ Lk Daugharty

ME = 10.5 MAE = 10.5  $R^2 = 0.1749$  NSE = -12.281

— Observed — Simulated



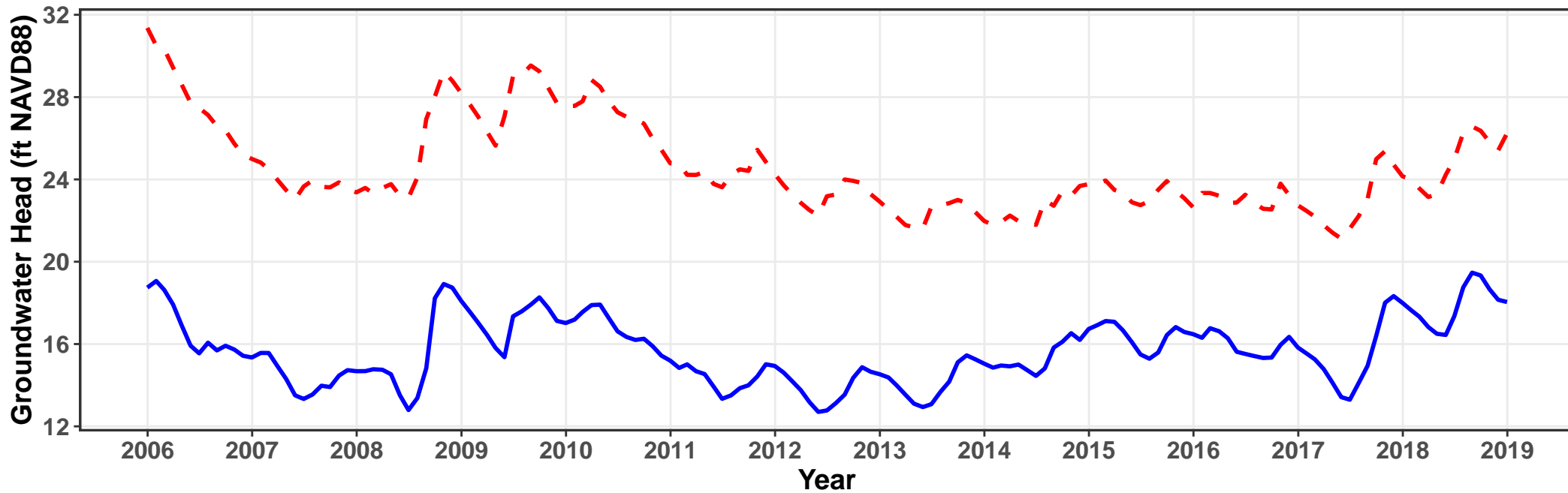
## Stage Duration Curve



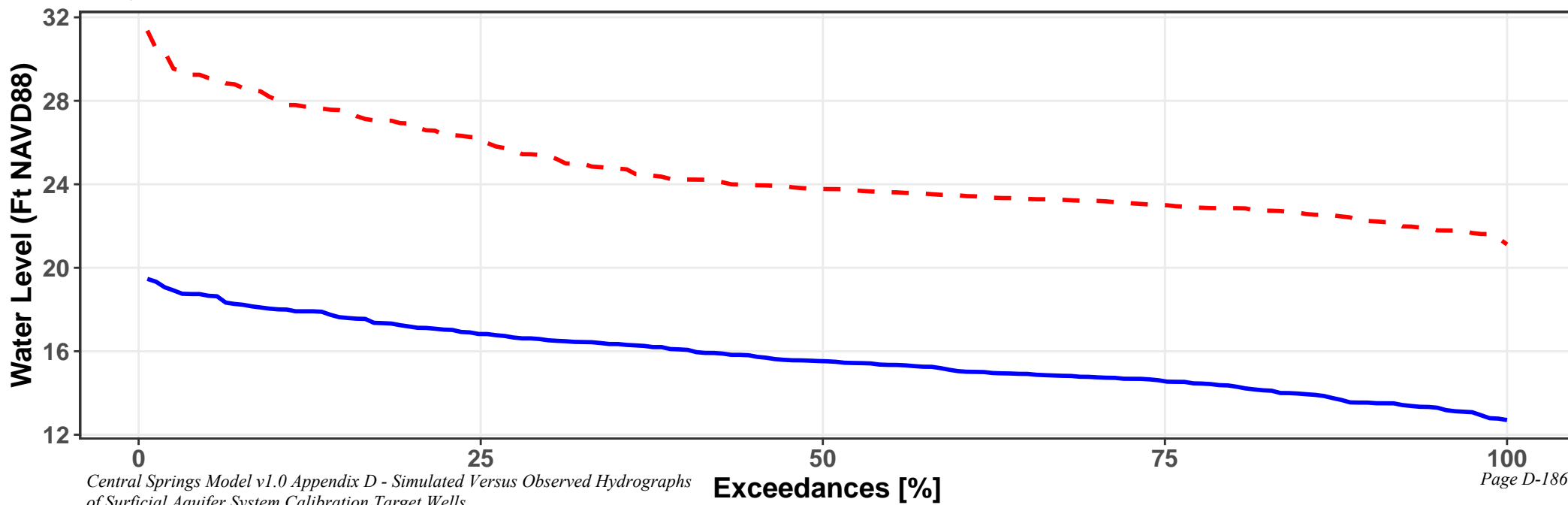
# V-0814 – SAS @ Snook Rd

ME = 8.9 MAE = 8.9  $R^2 = 0.4641$  NSE = -30.301

— Observed — Simulated



## Stage Duration Curve

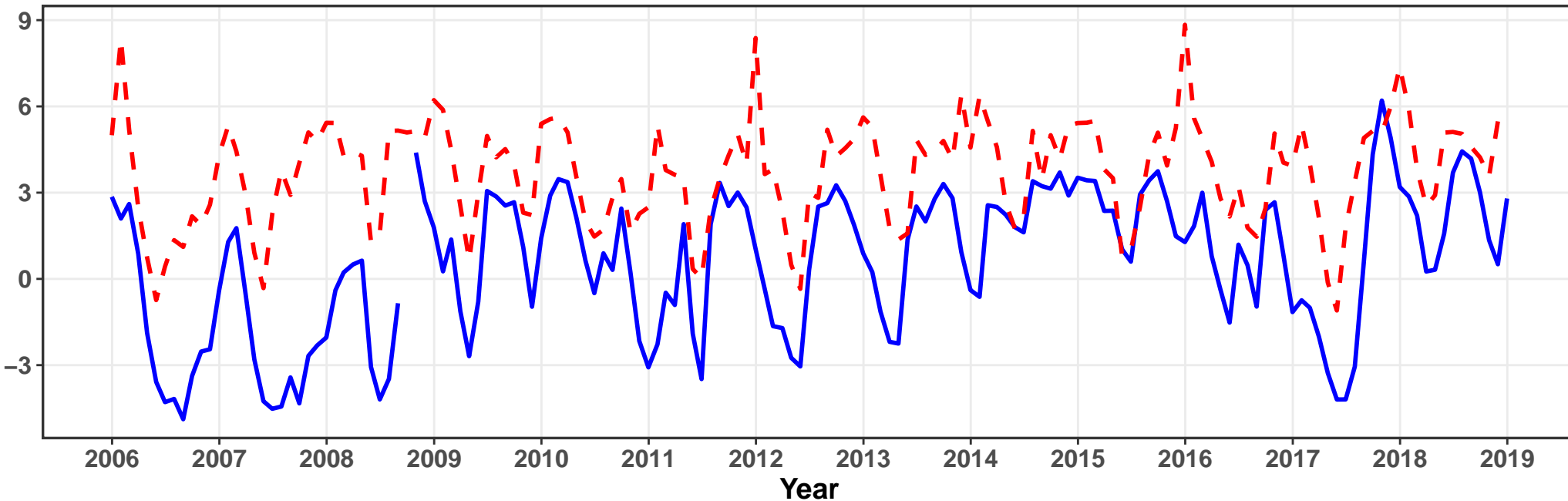


# V-0821 – SAS @ Osteen Wells

ME = 3.1 MAE = 3.2  $R^2 = 0.3413$  NSE = -1.25

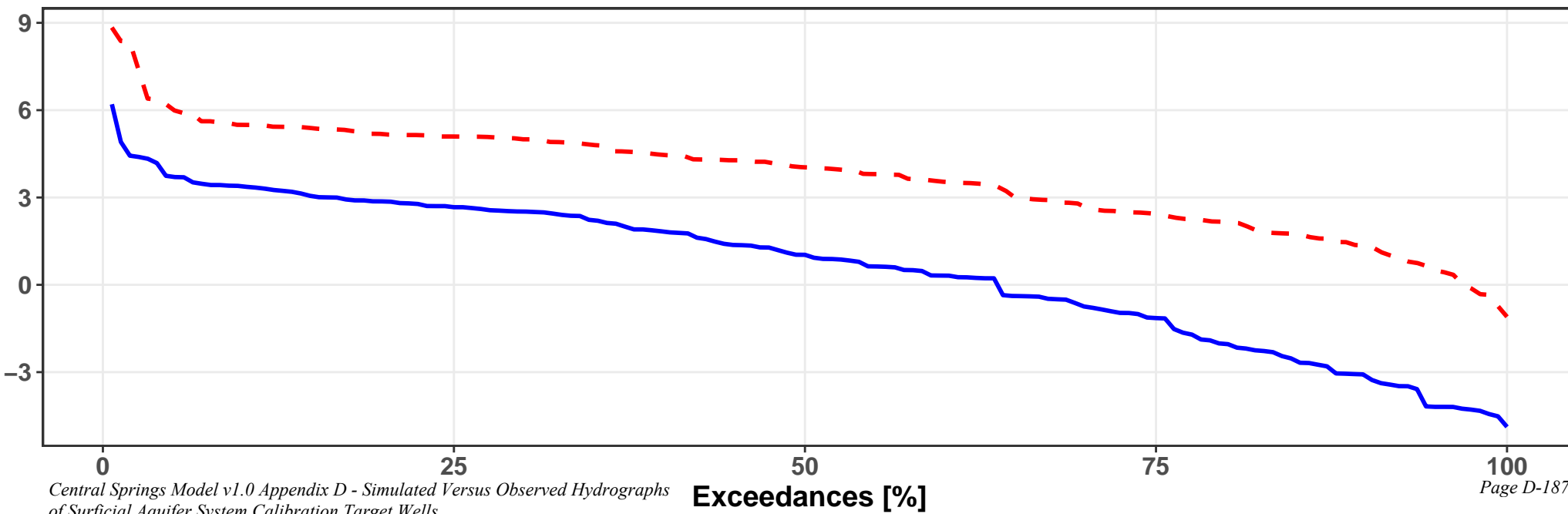
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

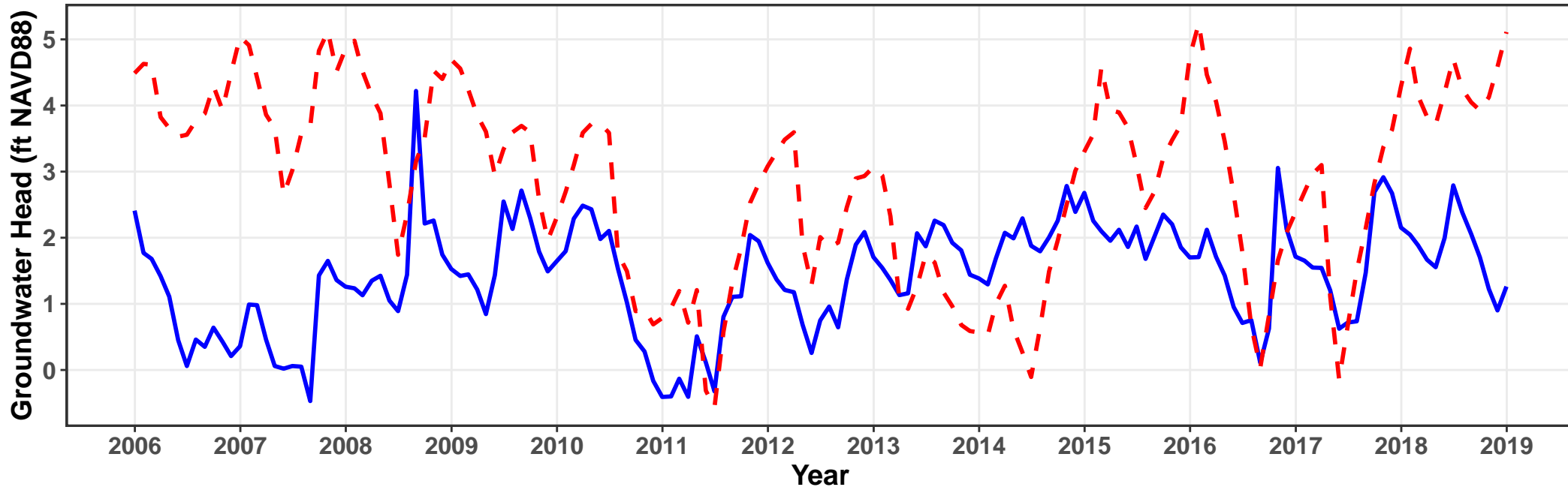
Water Level (Ft NAVD88)



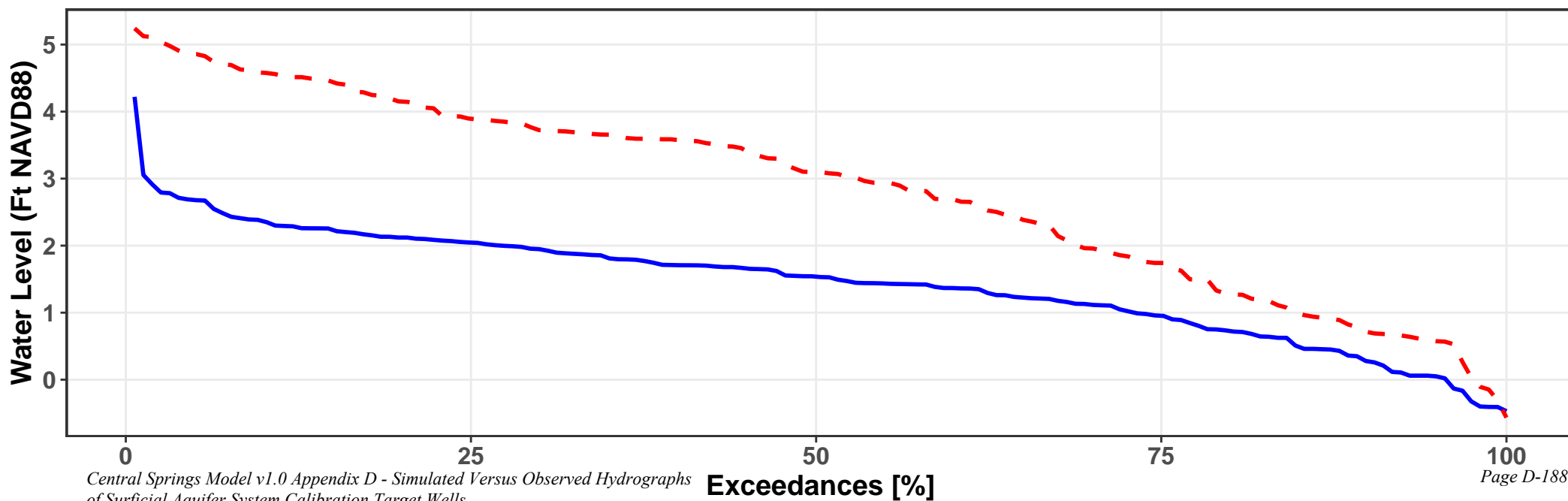
# V-0836 – SAS @ Migor Shiloh Rd

ME = 1.4 MAE = 1.7  $R^2 = 0.0683$  NSE = -5.074

— Observed — Simulated



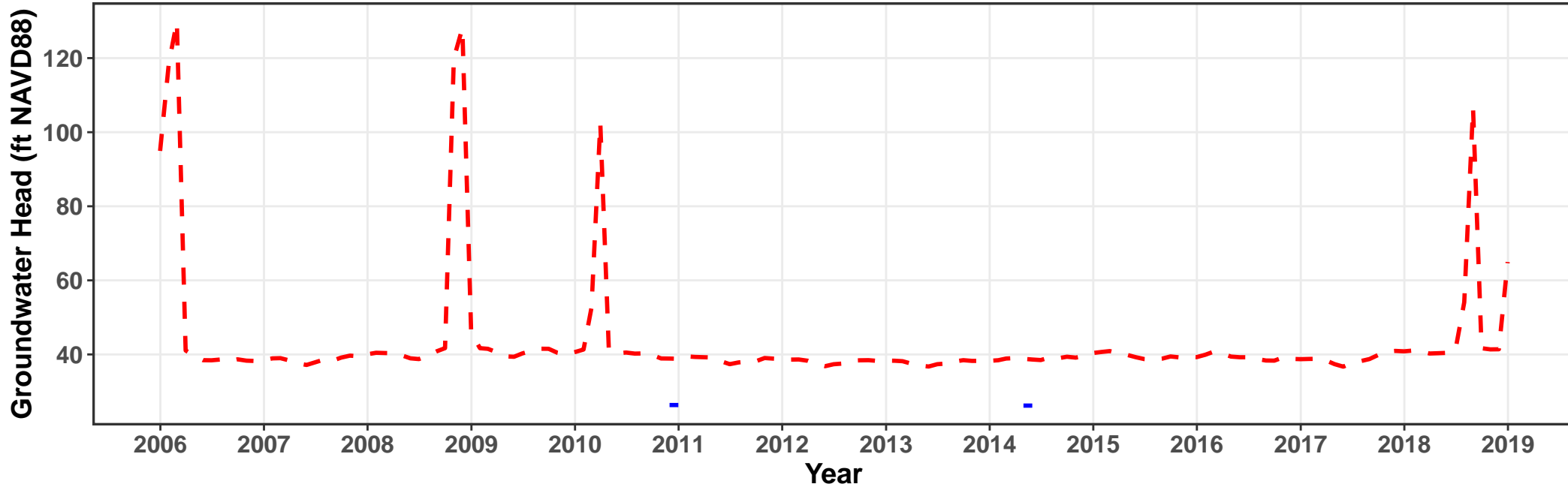
## Stage Duration Curve



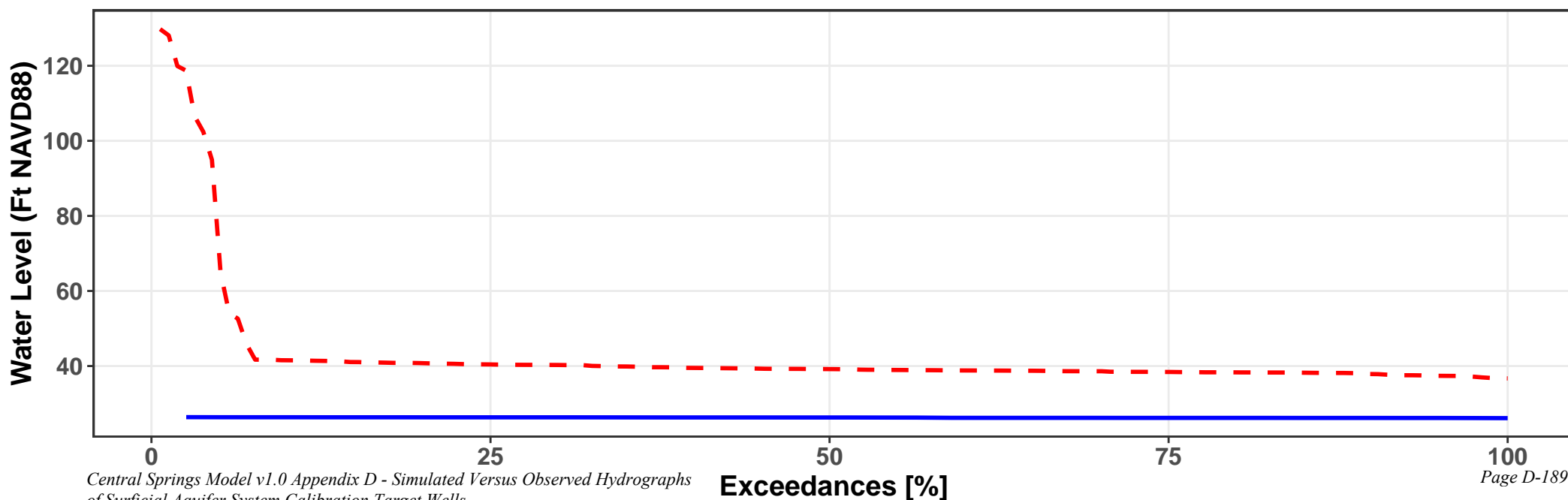
# V-0838 – SAS @ Galaxy MS

ME = 18.7 MAE = 18.7  $R^2 = 0.0244$  NSE = -118381.2

— Observed — Simulated



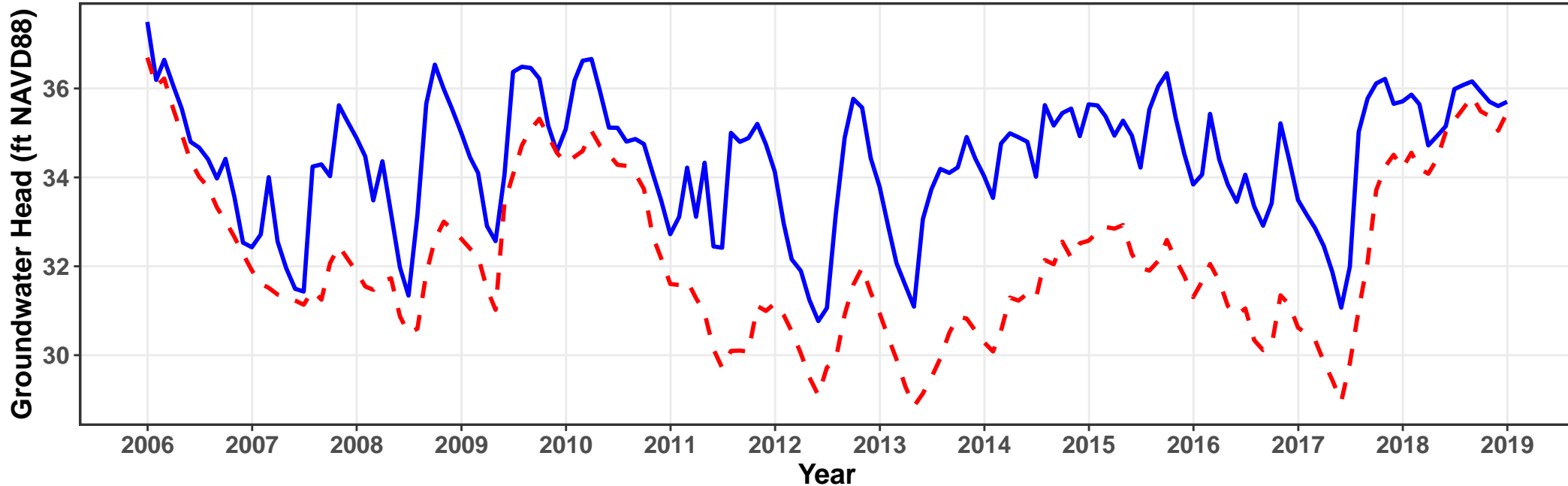
## Stage Duration Curve



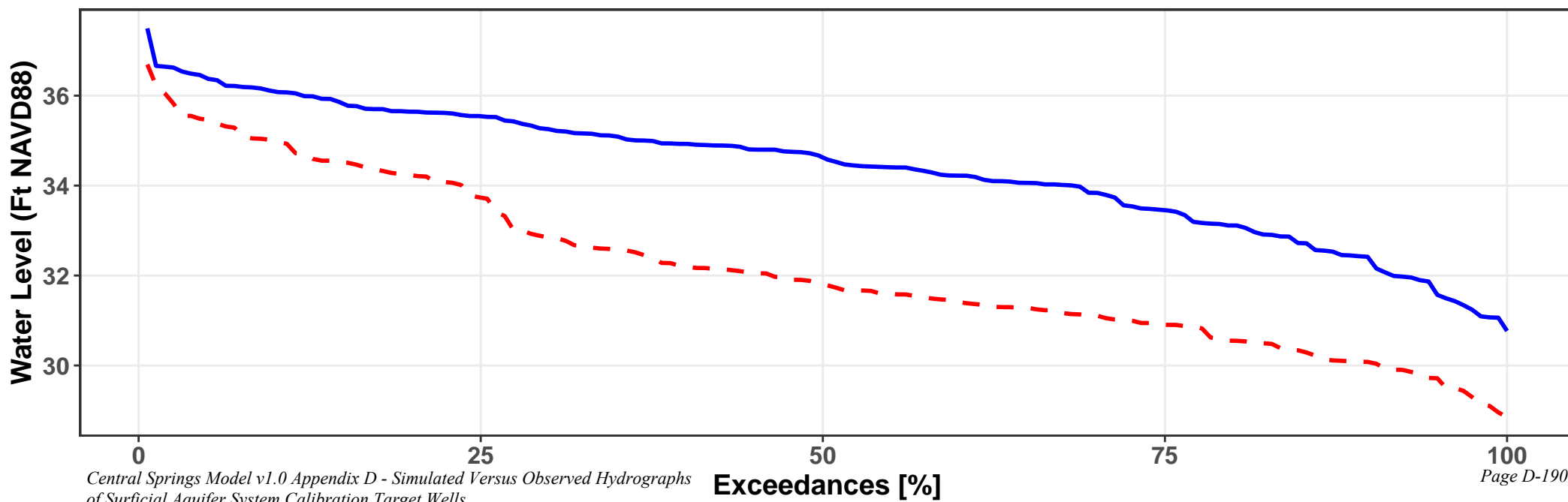
# V-0889 – SAS @ Indian Lk Site 4

ME = -2.2 MAE = 2.2  $R^2 = 0.549$  NSE = -2.093

— Observed — Simulated



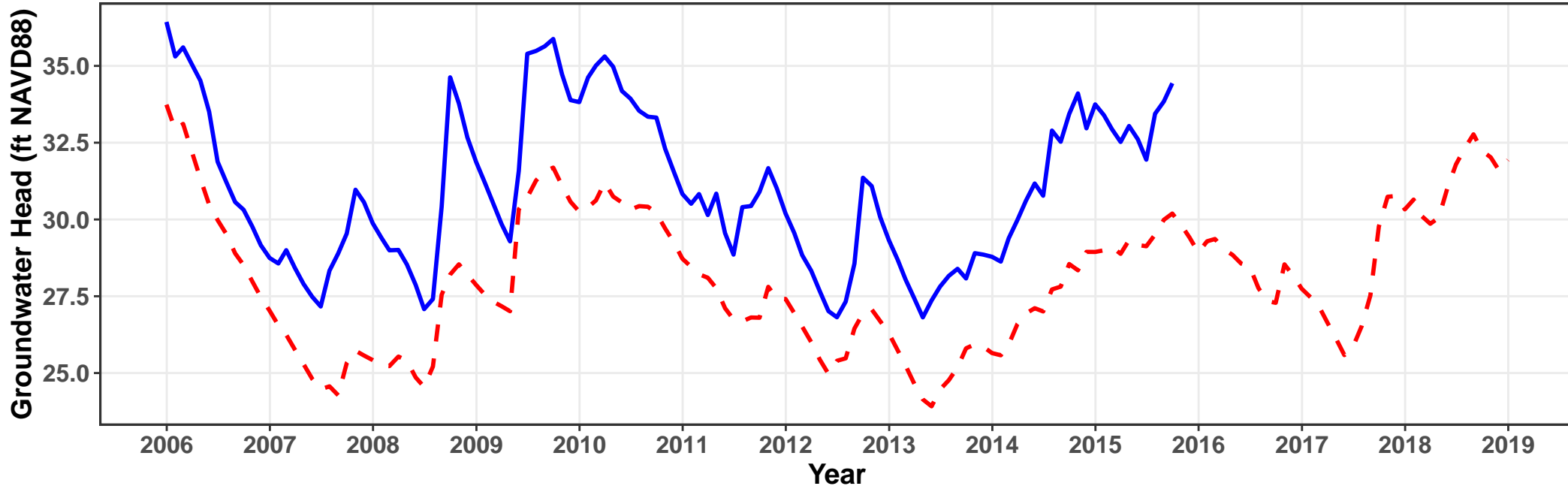
## Stage Duration Curve



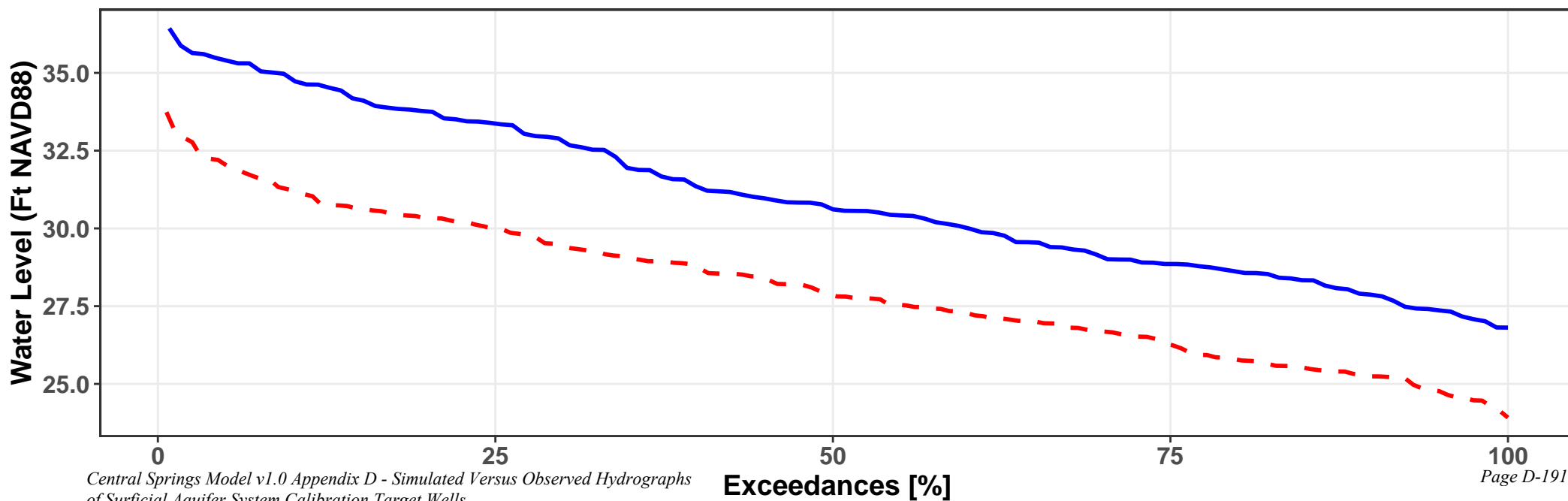
# V-0890 – SAS @ Indian Lk Site 3

ME = -3.3 MAE = 3.3  $R^2 = 0.8535$  NSE = -0.793

— Observed — Simulated



## Stage Duration Curve

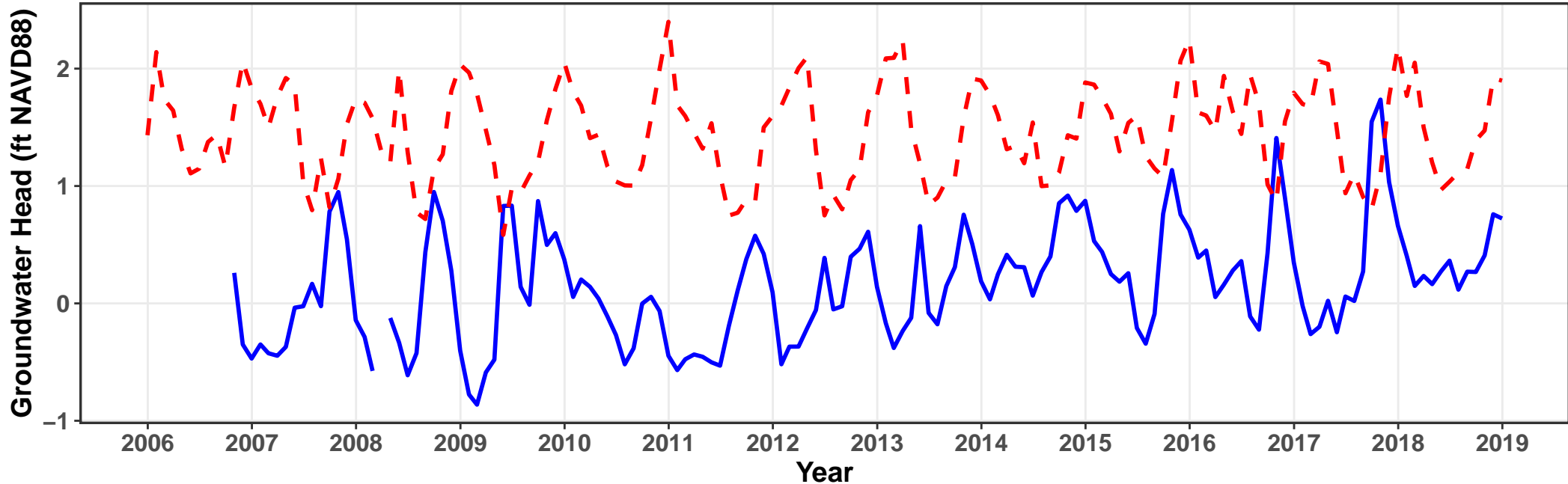




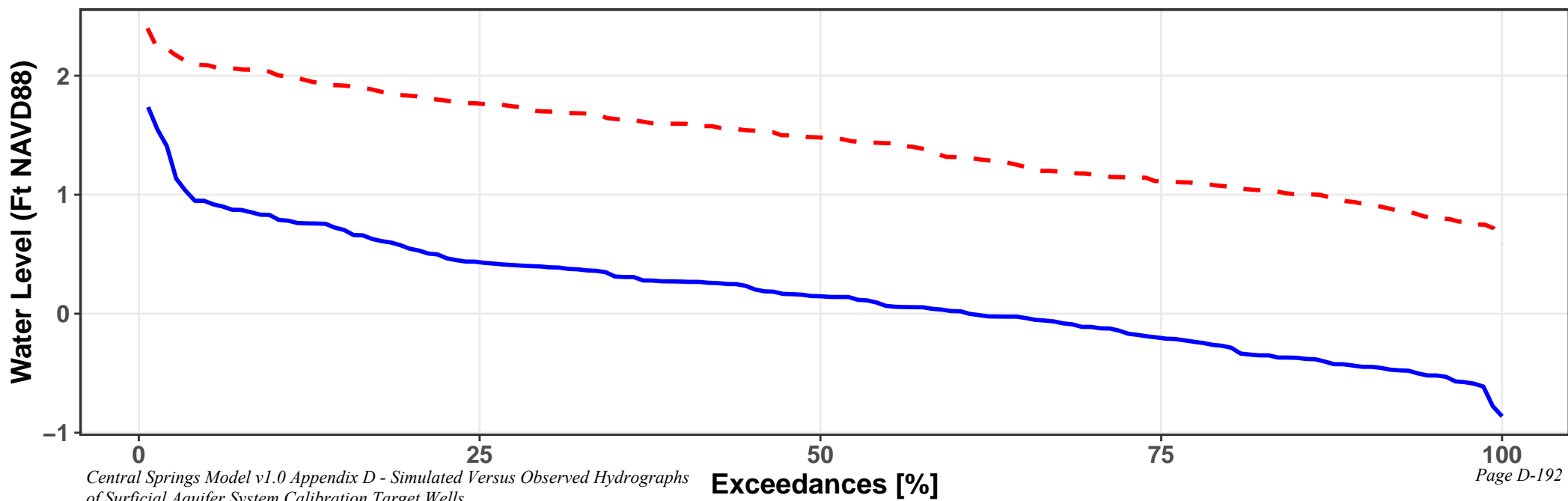
# V-0893 – SAS @ Tomoka SP

ME = 1.3 MAE = 1.3  $R^2 = 0.046$  NSE = -8.467

— Observed — Simulated



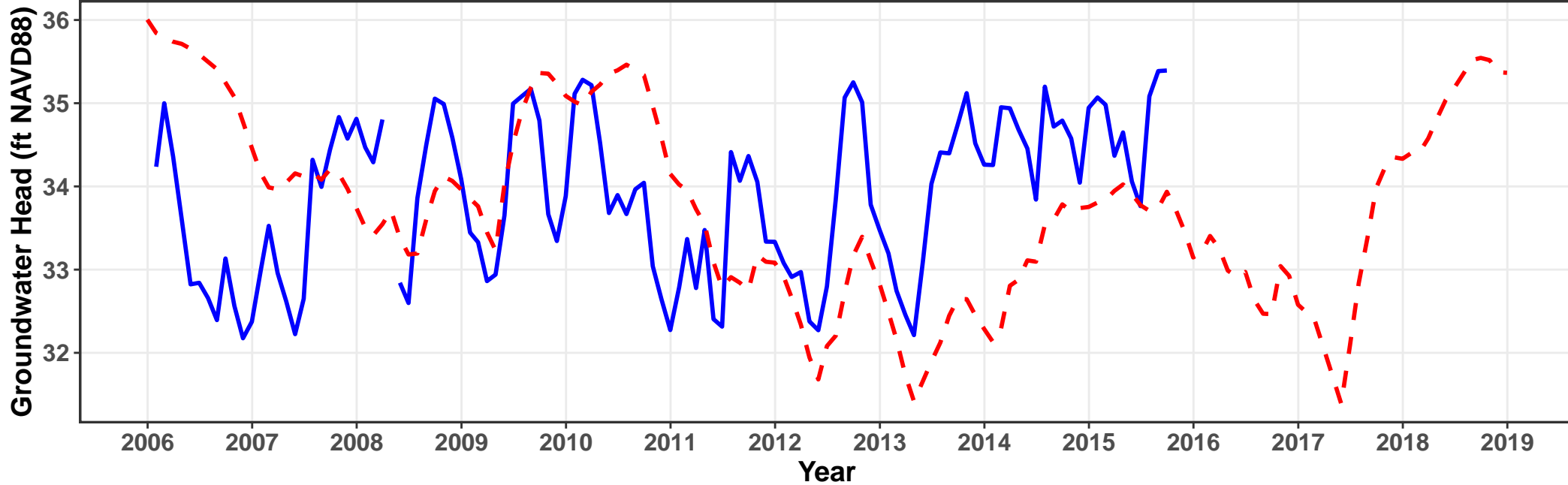
## Stage Duration Curve



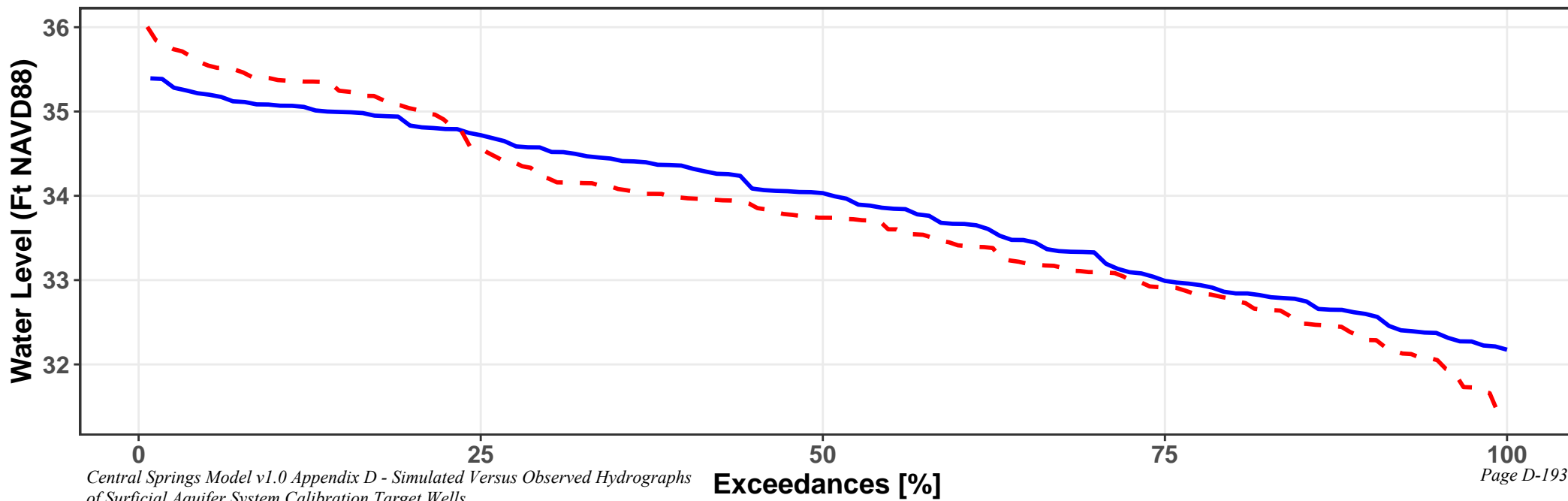
# V-0896 – @ Indian Lk Site 6

ME = -0.1 MAE = 1.2  $R^2 = 0.0072$  NSE = -1.17

— Observed — Simulated



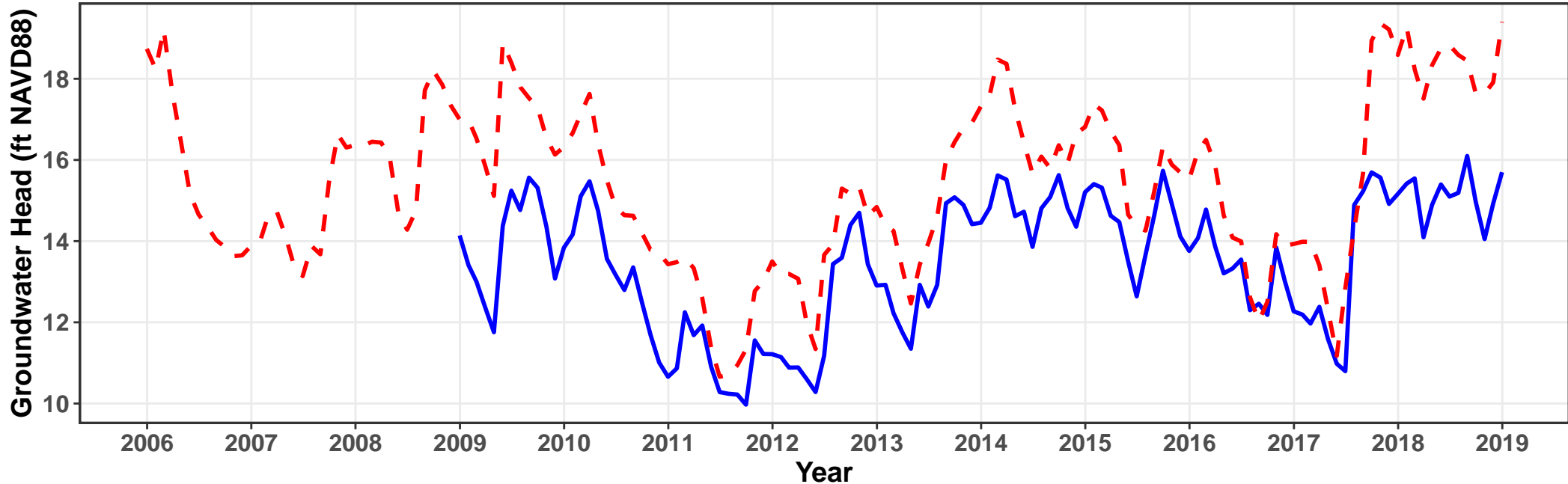
## Stage Duration Curve



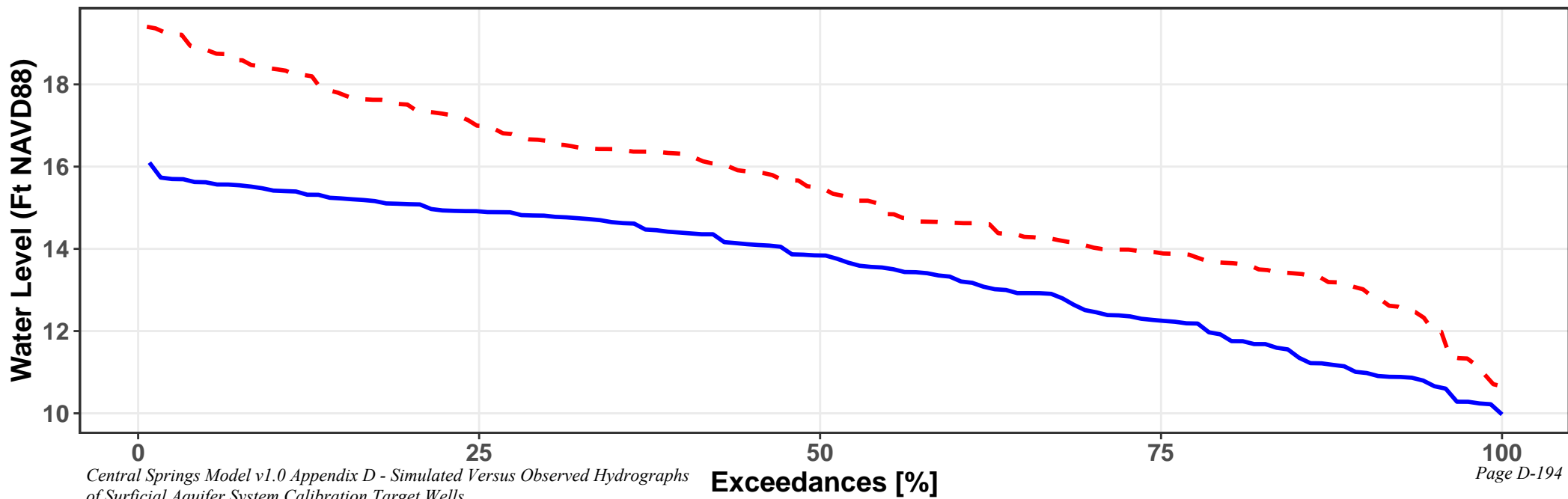
# V-0922 – SAS @ Crescent Lk CA Wells

ME = 1.9 MAE = 1.9  $R^2 = 0.7896$  NSE = -0.746

— Observed - - Simulated



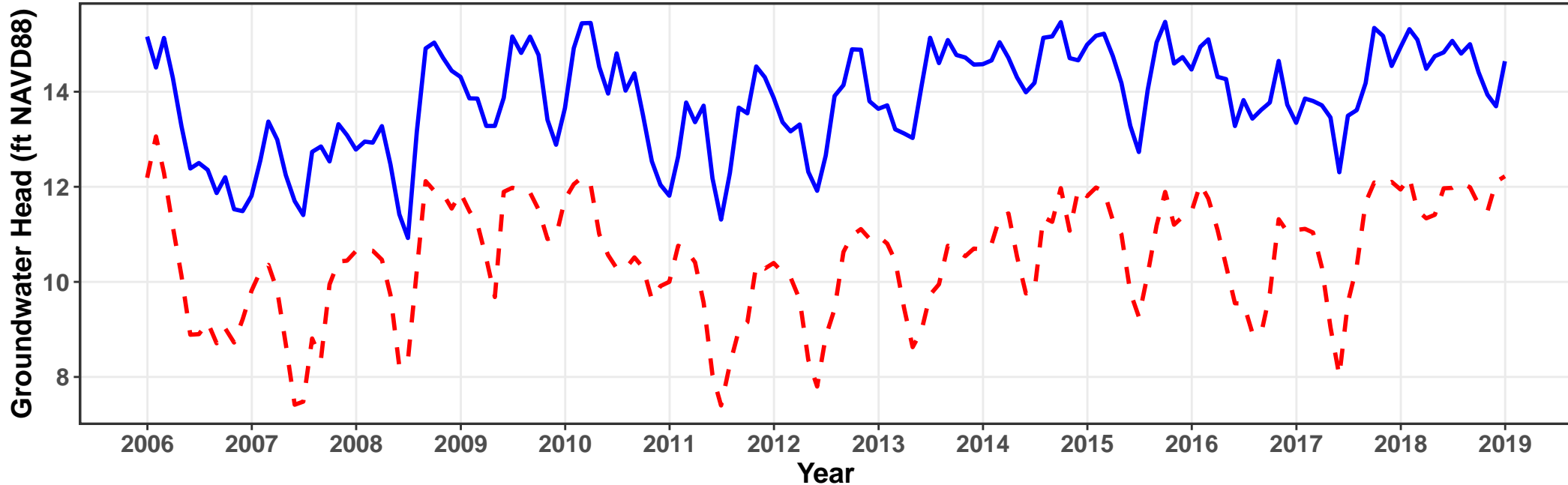
## Stage Duration Curve



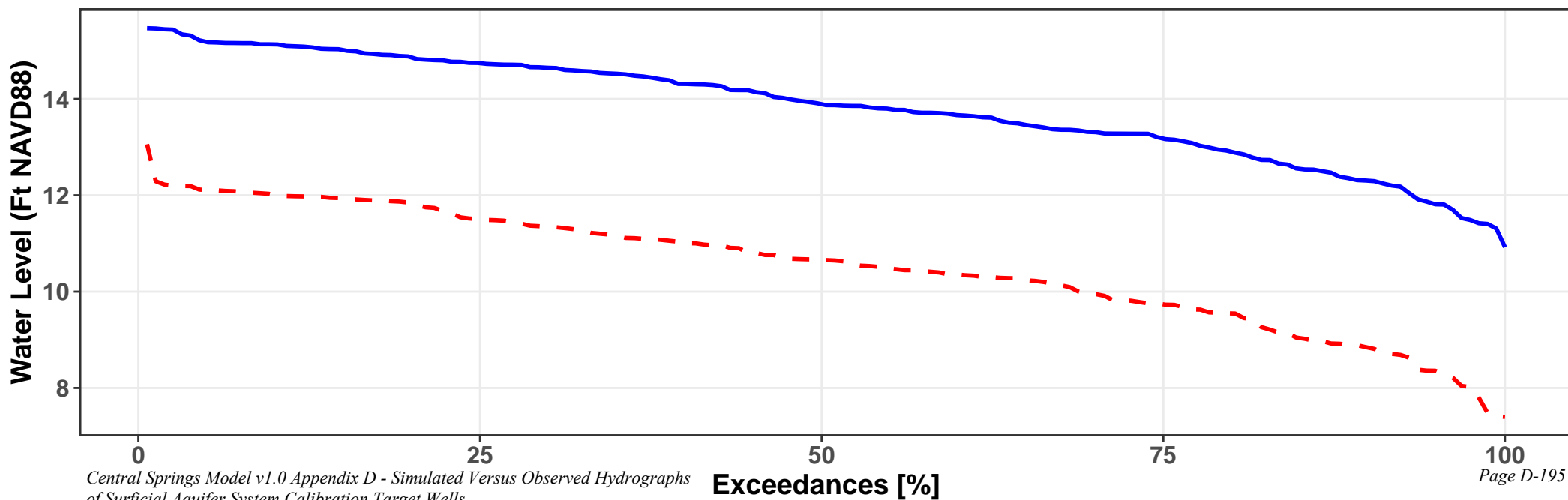
# V-1028 – SAS @ De Leon Spg SP

ME = -3.3 MAE = 3.3  $R^2 = 0.6533$  NSE = -8.893

— Observed — Simulated



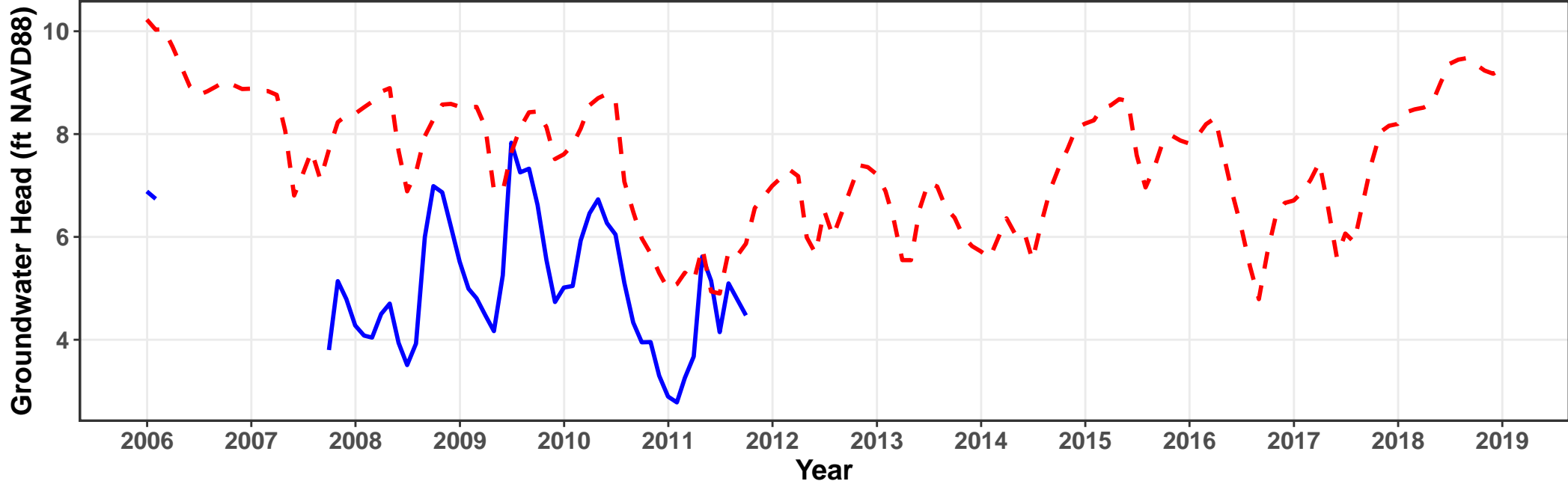
## Stage Duration Curve



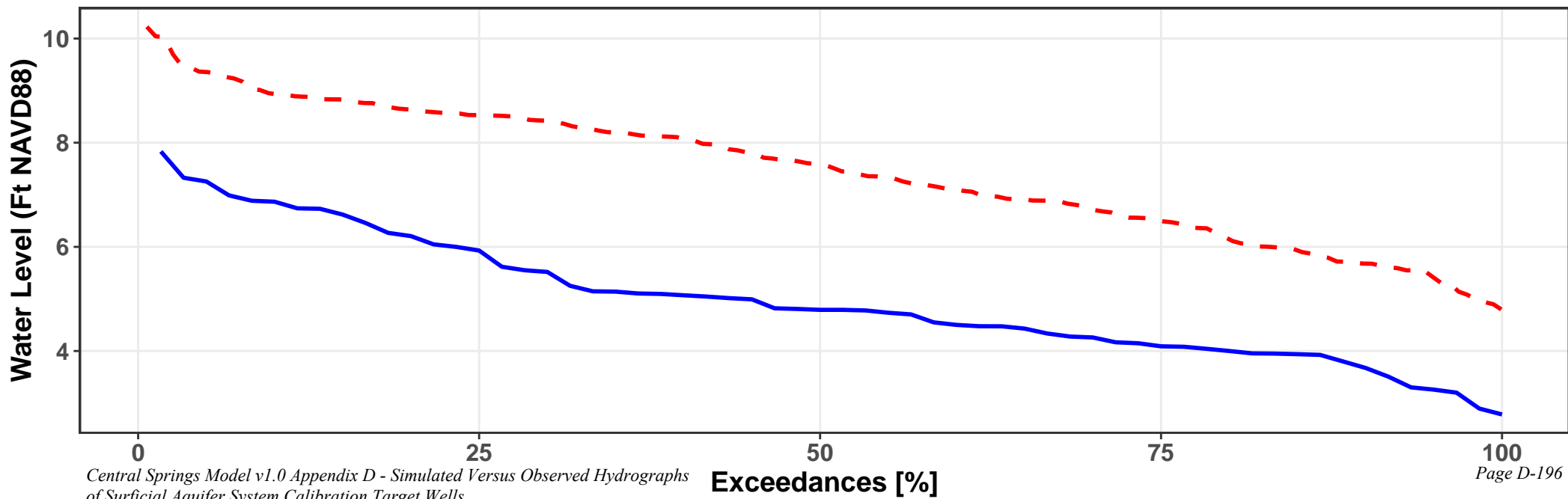
# V-1035 – SAS @ Oak Hill Wells

ME = 2.7 MAE = 2.7  $R^2 = 0.2216$  NSE = -5.353

— Observed — Simulated



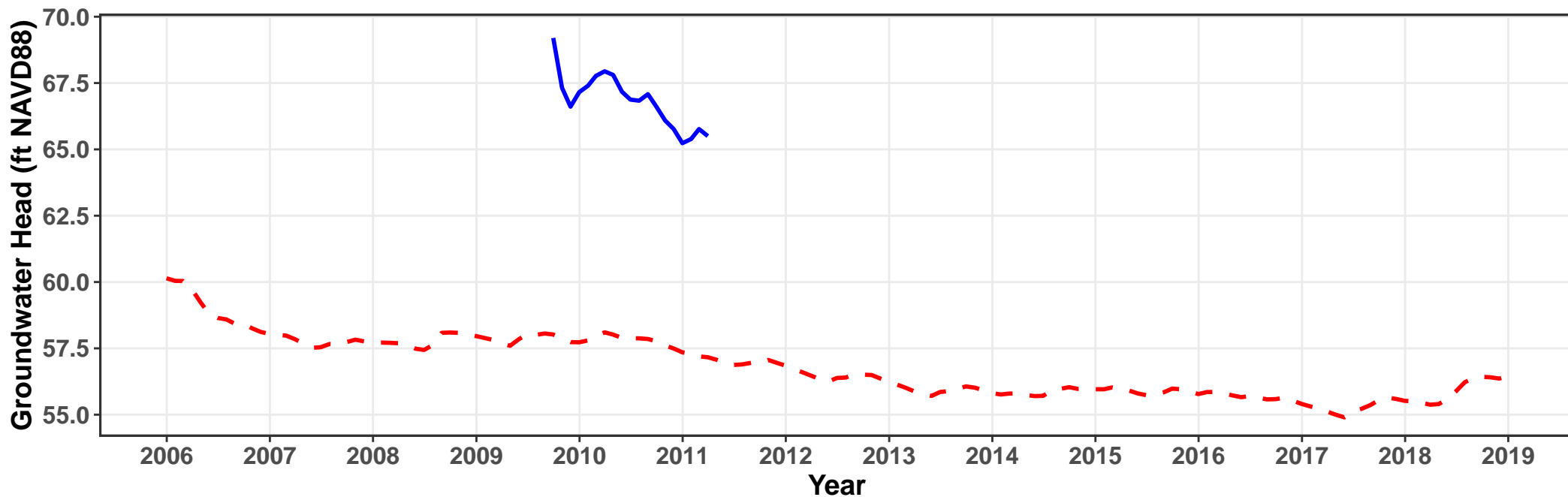
## Stage Duration Curve



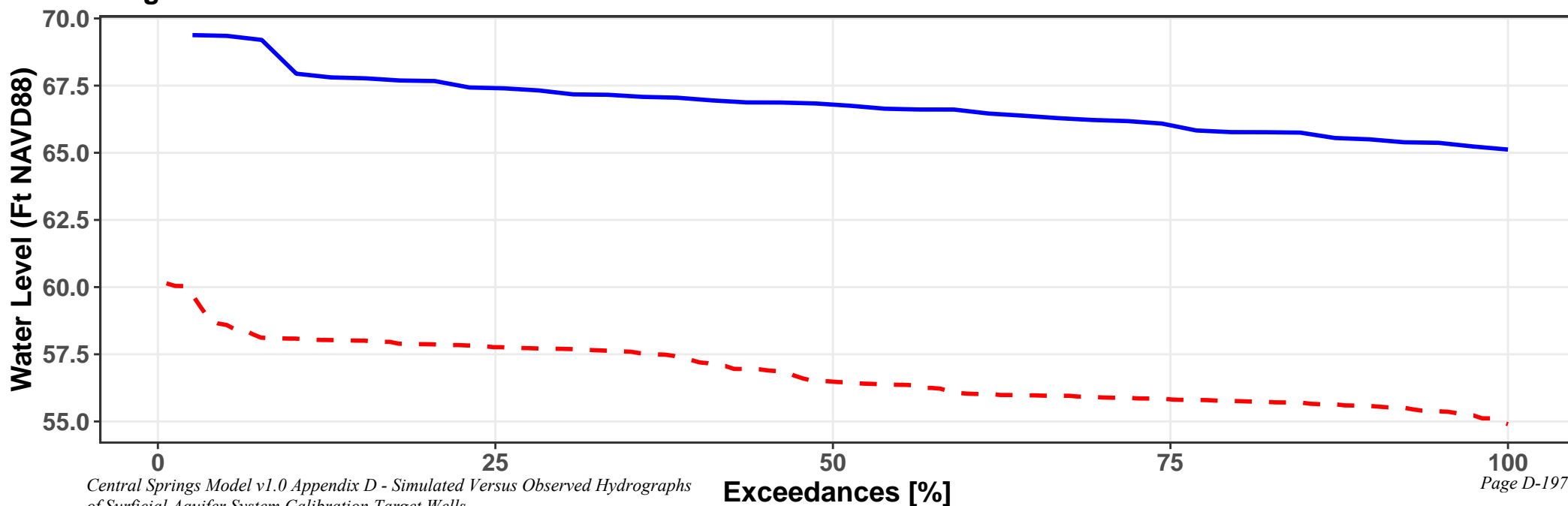
# V-1041 – SAS @ Boster Pk

ME = -8.8 MAE = 8.8  $R^2 = 0.0921$  NSE = -69.303

— Observed — Simulated



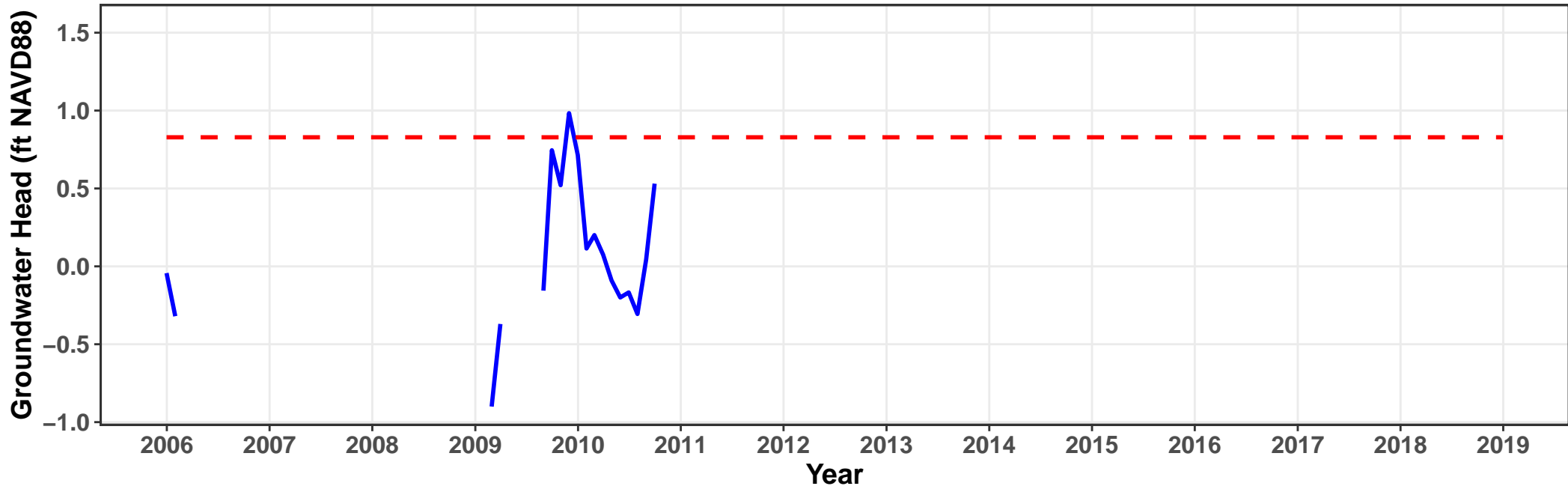
## Stage Duration Curve



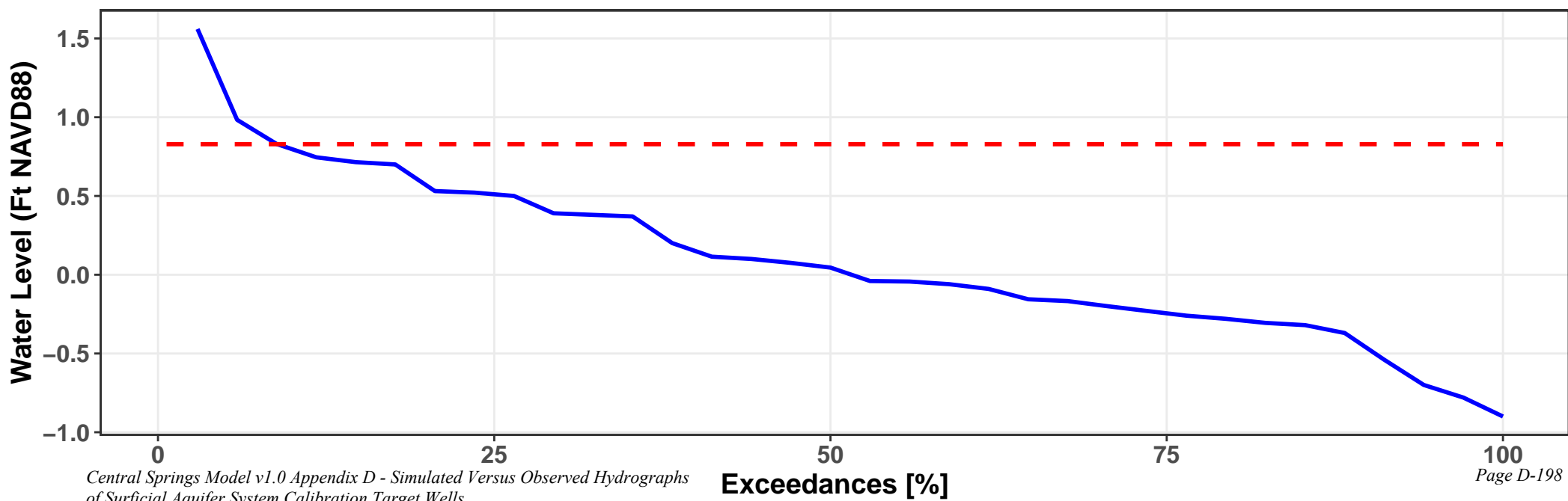
# V-1043 – SAS @ Canaveral Seashore

ME = 0.7 MAE = 0.8  $R^2 =$  NSE = -1.918

— Observed — Simulated



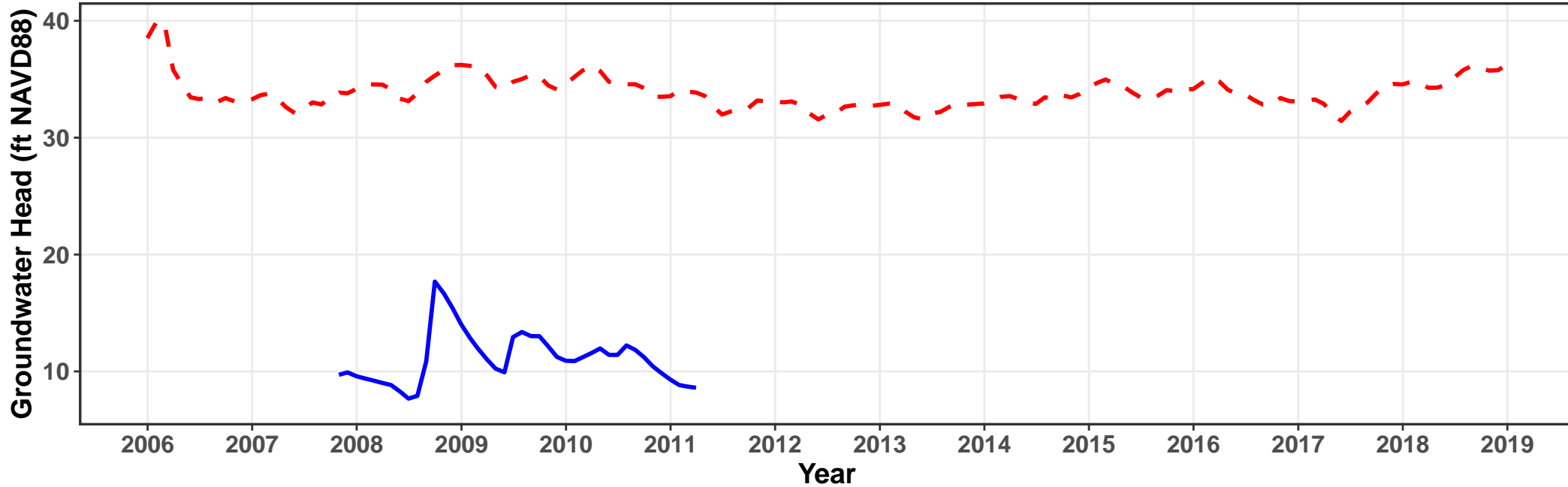
## Stage Duration Curve



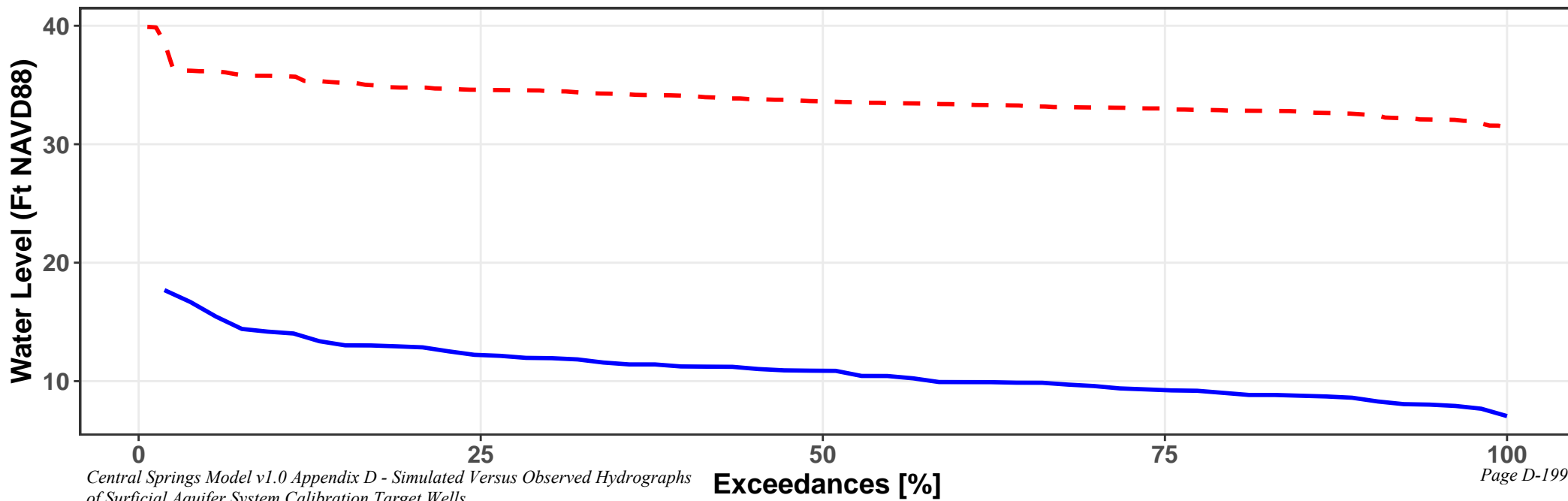
# V-1045 – SAS @ Coleman Sch

ME = 23.7 MAE = 23.7  $R^2 = 0.5215$  NSE = -109.471

— Observed — Simulated



## Stage Duration Curve

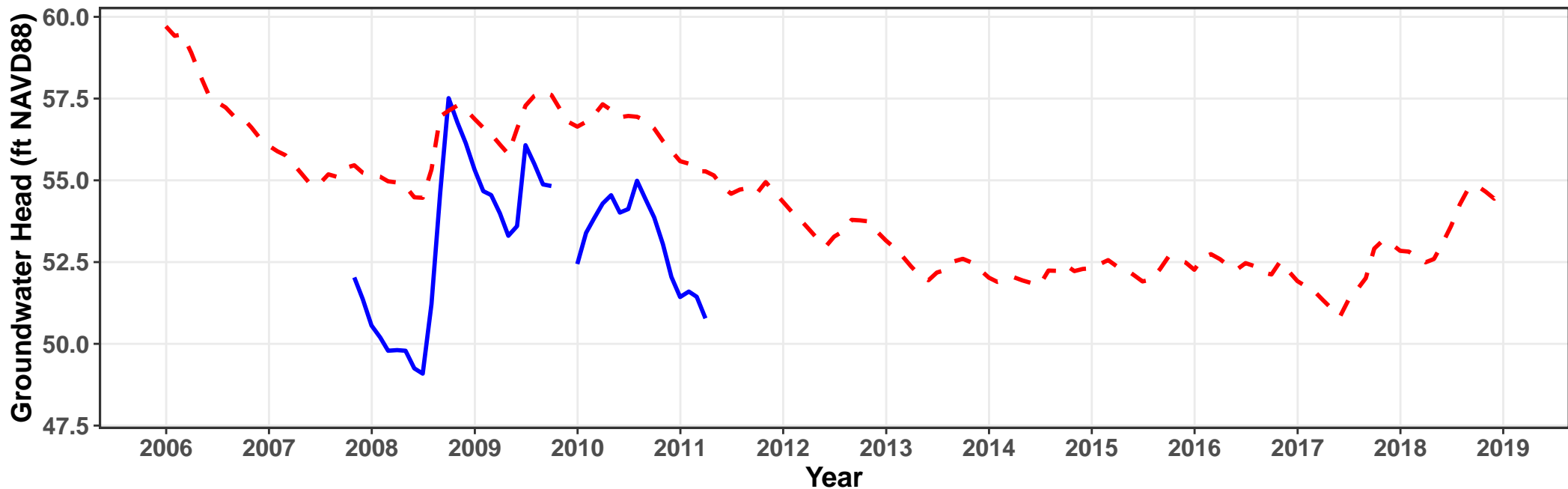




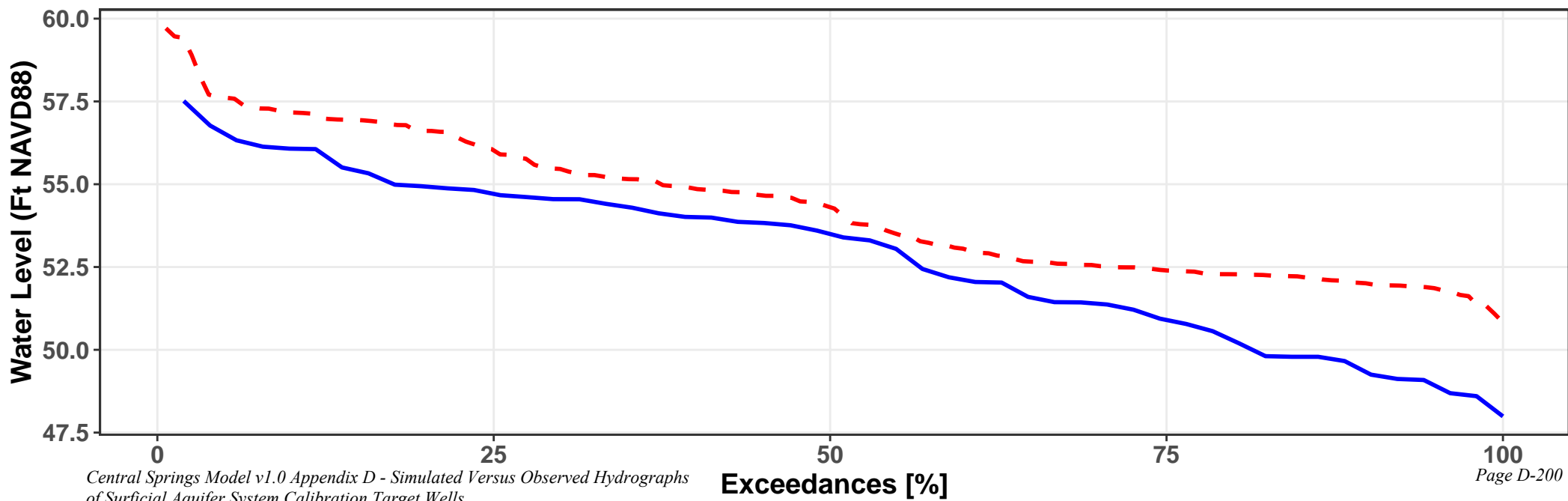
# V-1049 – SAS @ Davis Fernery

ME = 3.6 MAE = 3.6  $R^2 = 0.7053$  NSE = -1.551

— Observed — Simulated



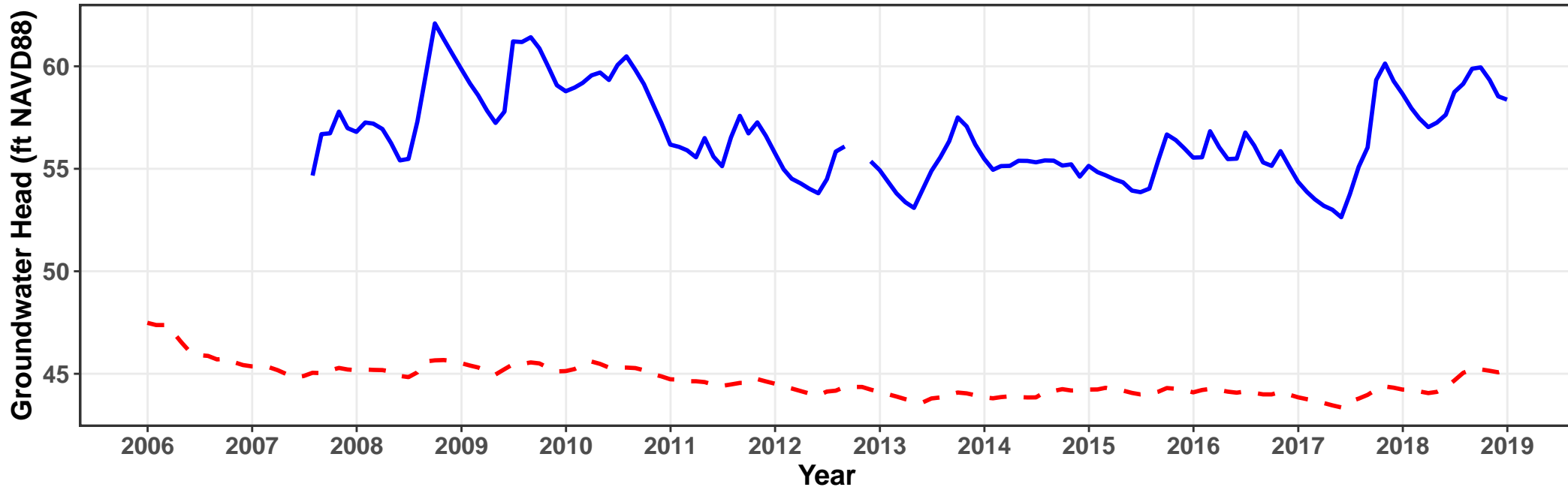
## Stage Duration Curve



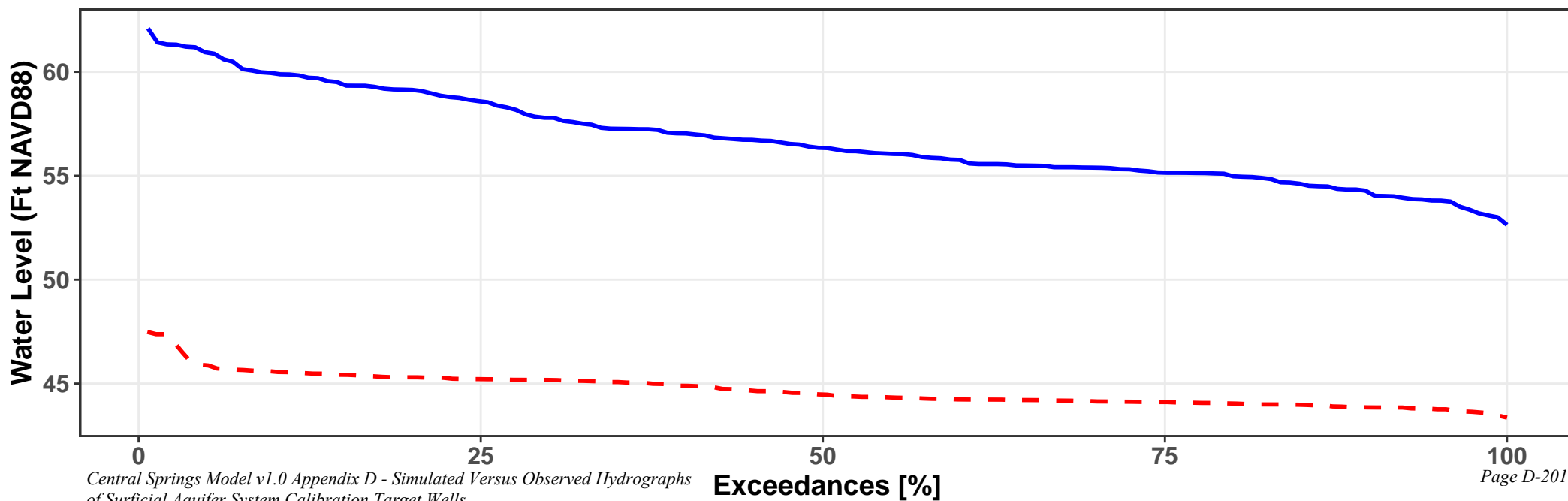
# V-1051 – SAS @ Southwest MS

ME = -12.1 MAE = 12.1  $R^2 = 0.6282$  NSE = -30.846

— Observed — Simulated



## Stage Duration Curve

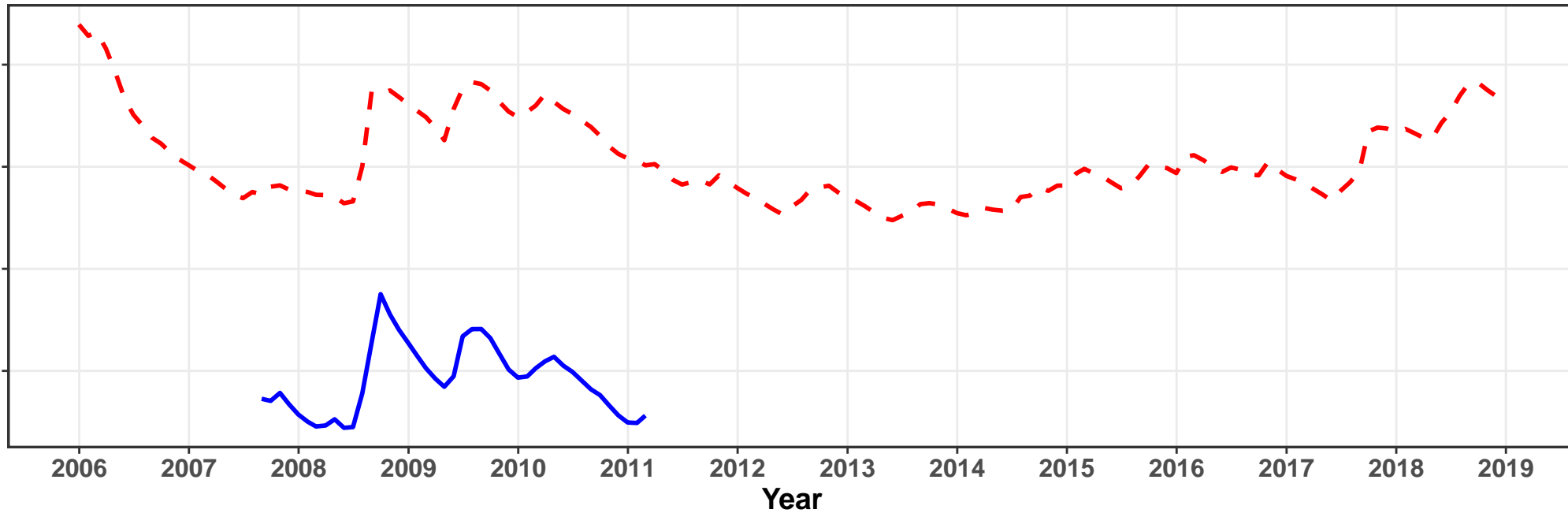


# V-1056 – SAS @ Grand Ave

ME = 11.9 MAE = 11.9  $R^2 = 0.8221$  NSE = -46.21

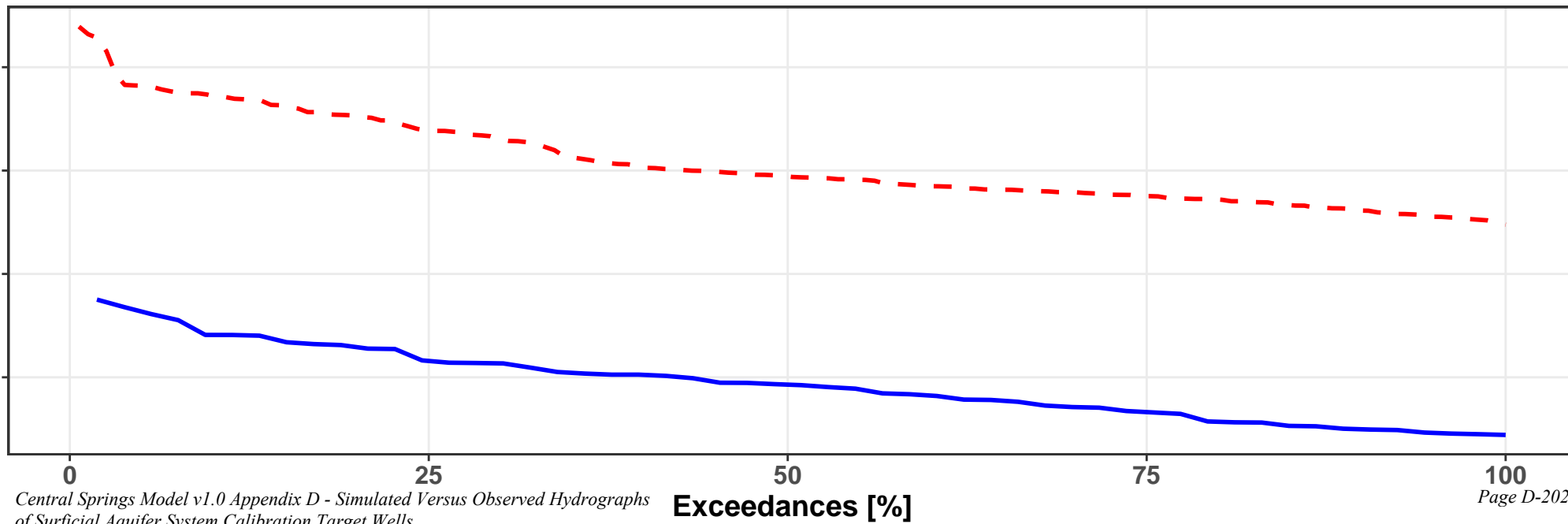
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

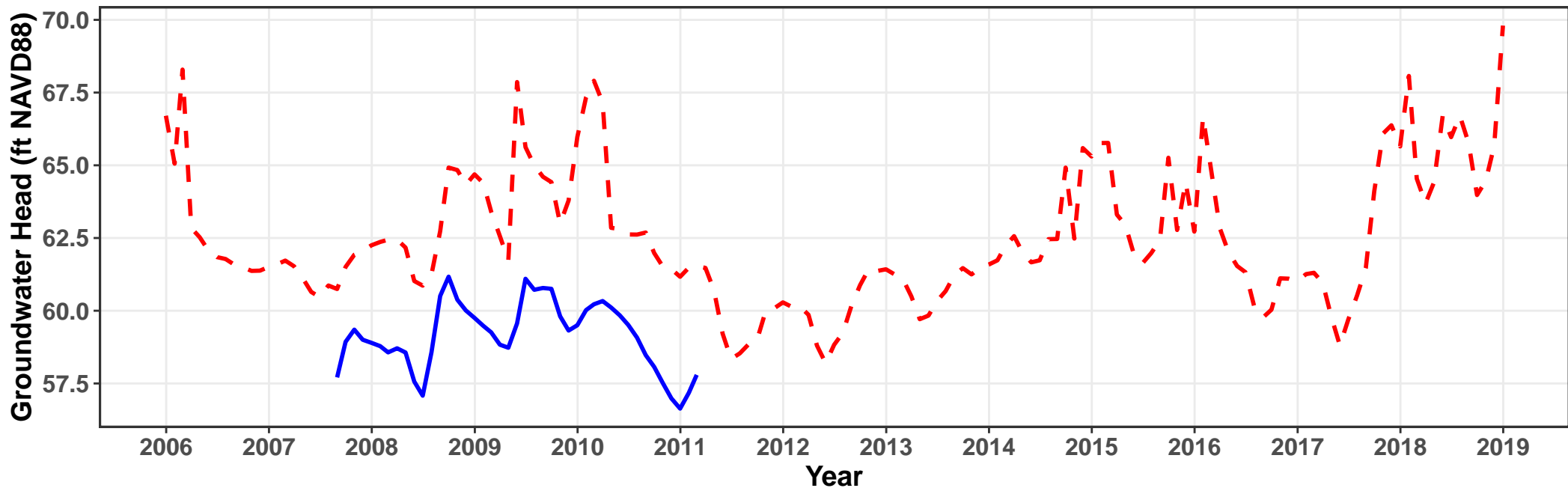
Water Level (Ft NAVD88)



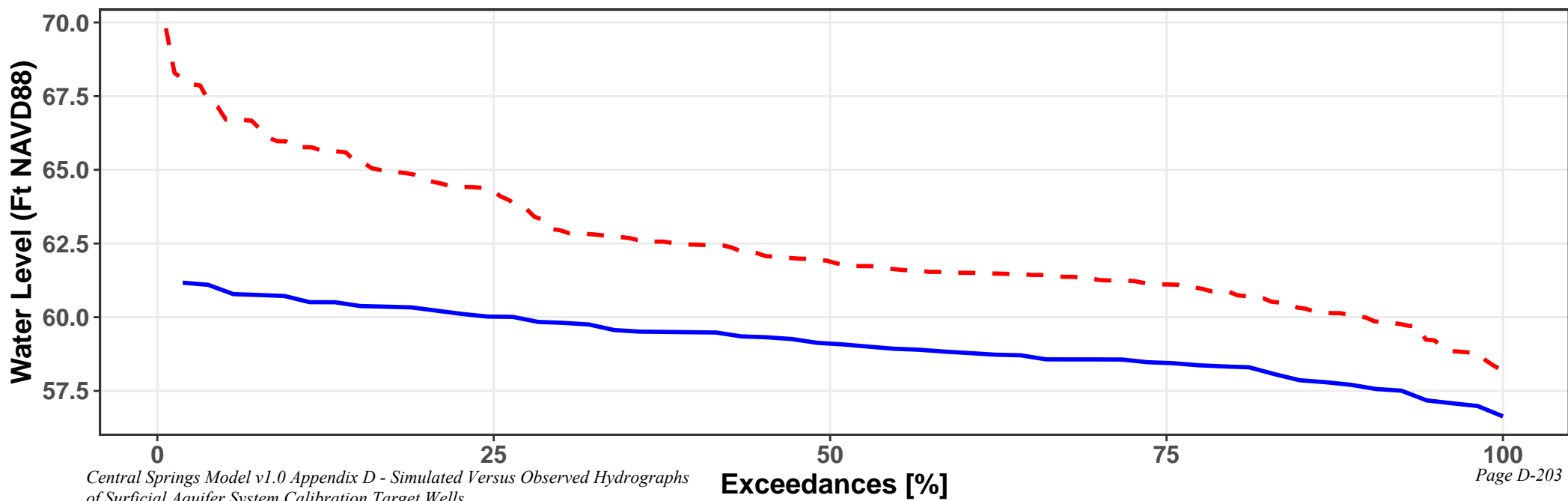
# V-1060 – SAS @ Horseshoe Lk

ME = 4.1 MAE = 4.1  $R^2 = 0.5568$  NSE = -13.957

— Observed — Simulated



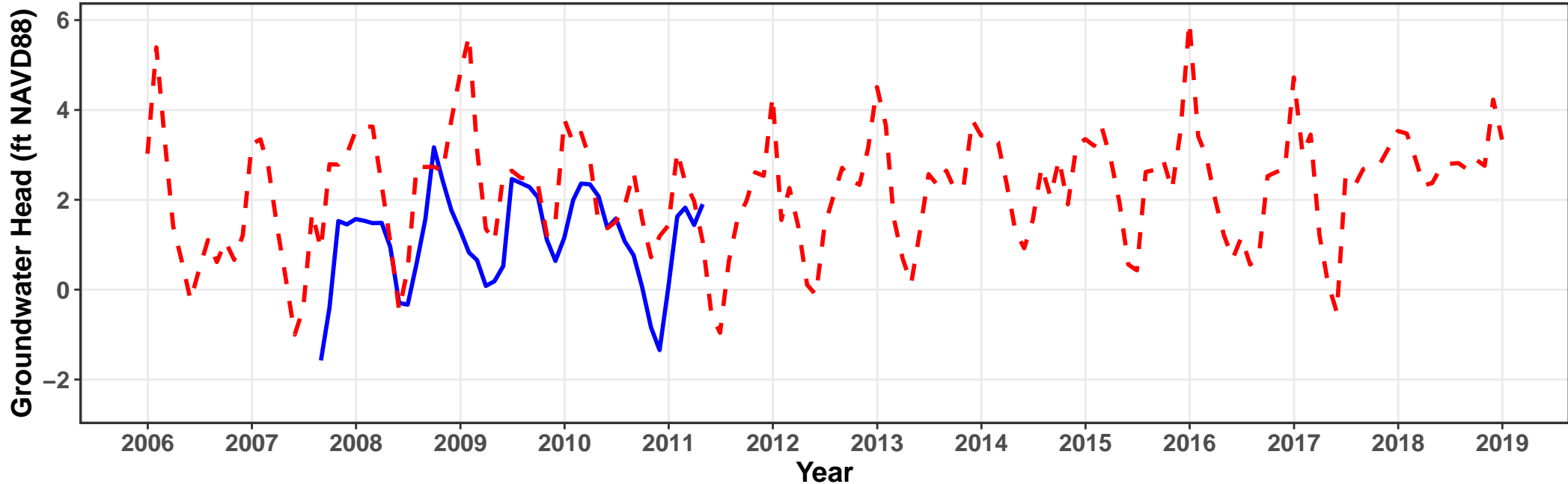
## Stage Duration Curve



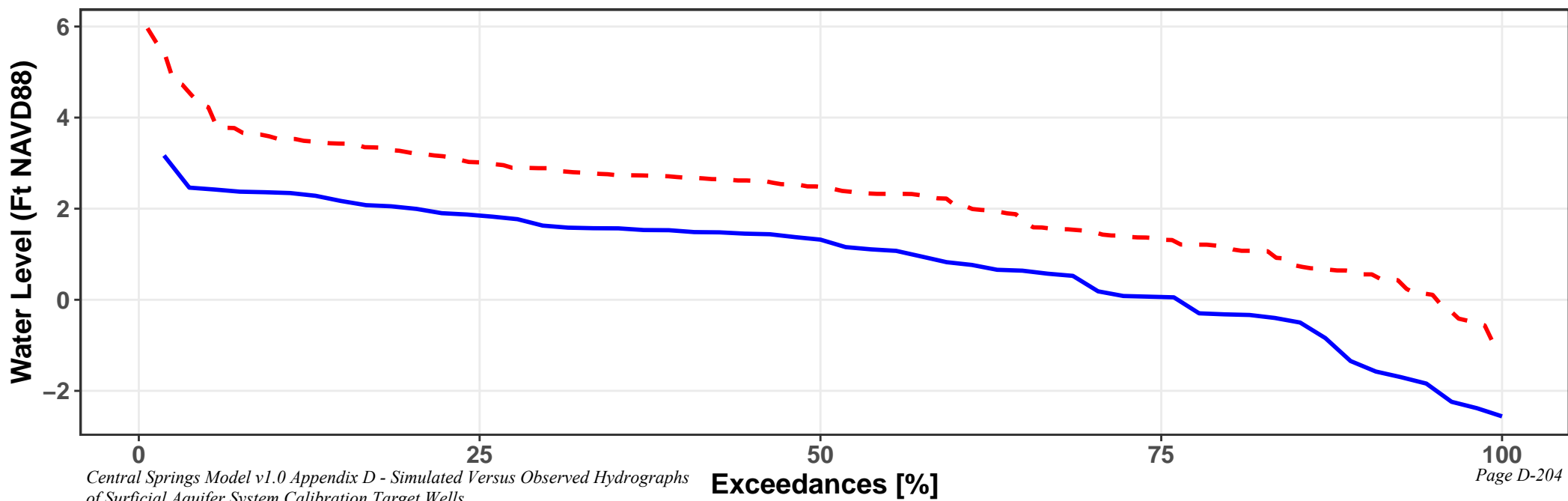
# V-1064 – SAS @ Lk Woodruff Well

ME = 1.4 MAE = 1.5  $R^2 = 0.2856$  NSE = -0.877

— Observed — Simulated



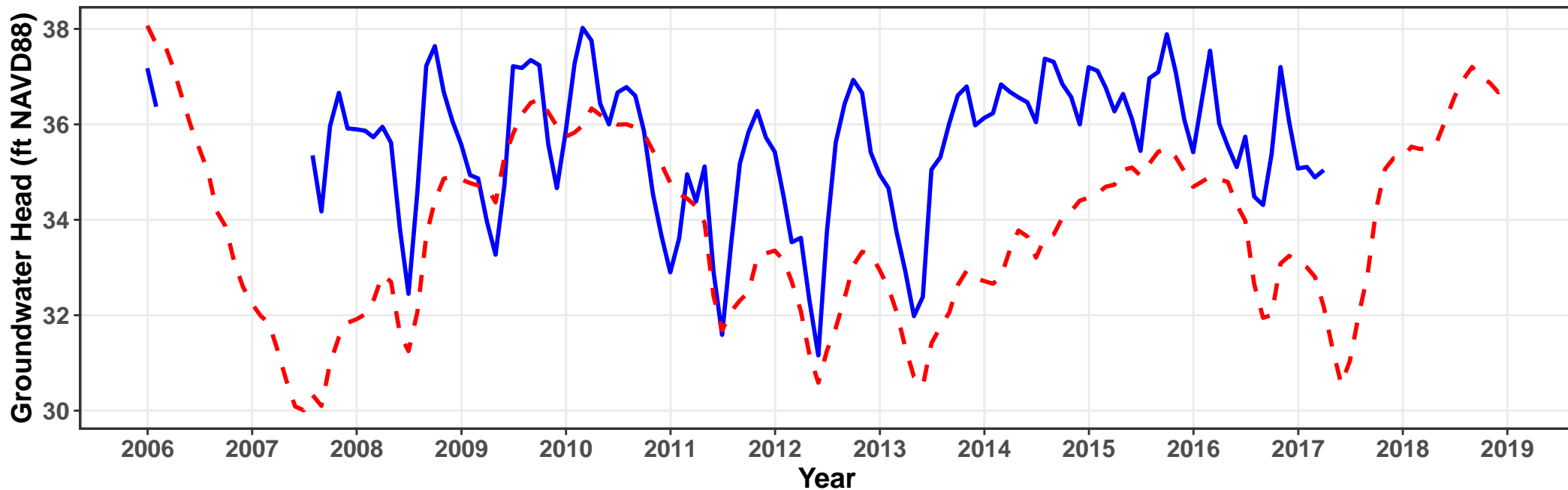
## Stage Duration Curve



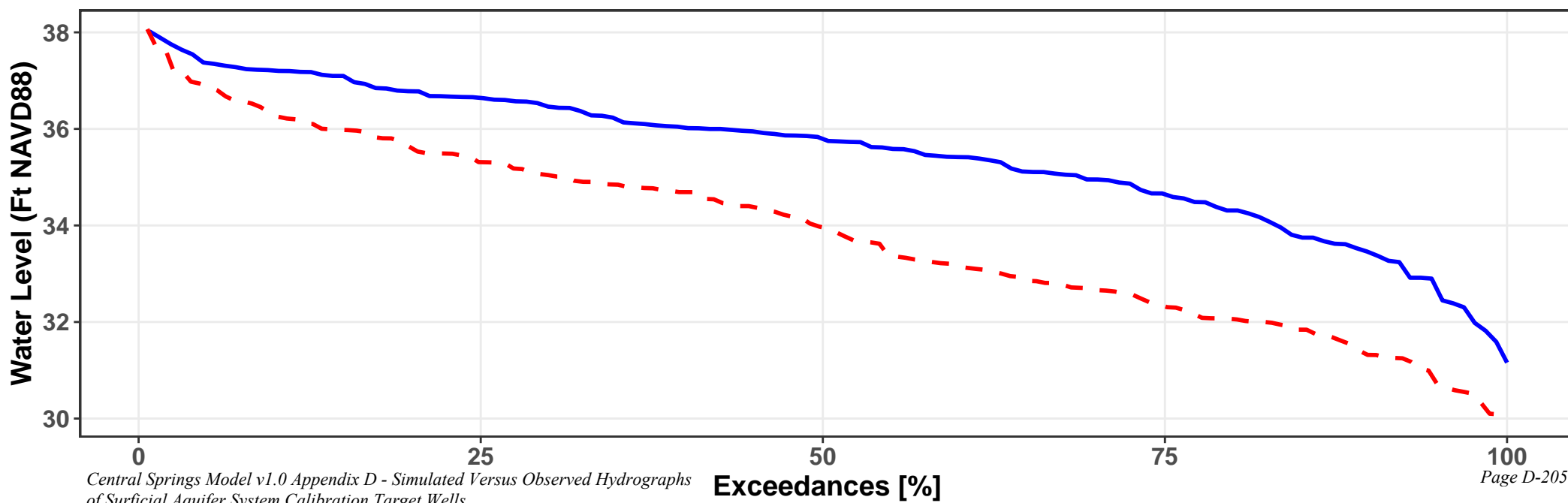
# V-1065 – SAS @ US92 nr Daytona

ME = -1.8 MAE = 2.1  $R^2 = 0.2663$  NSE = -1.641

— Observed — Simulated



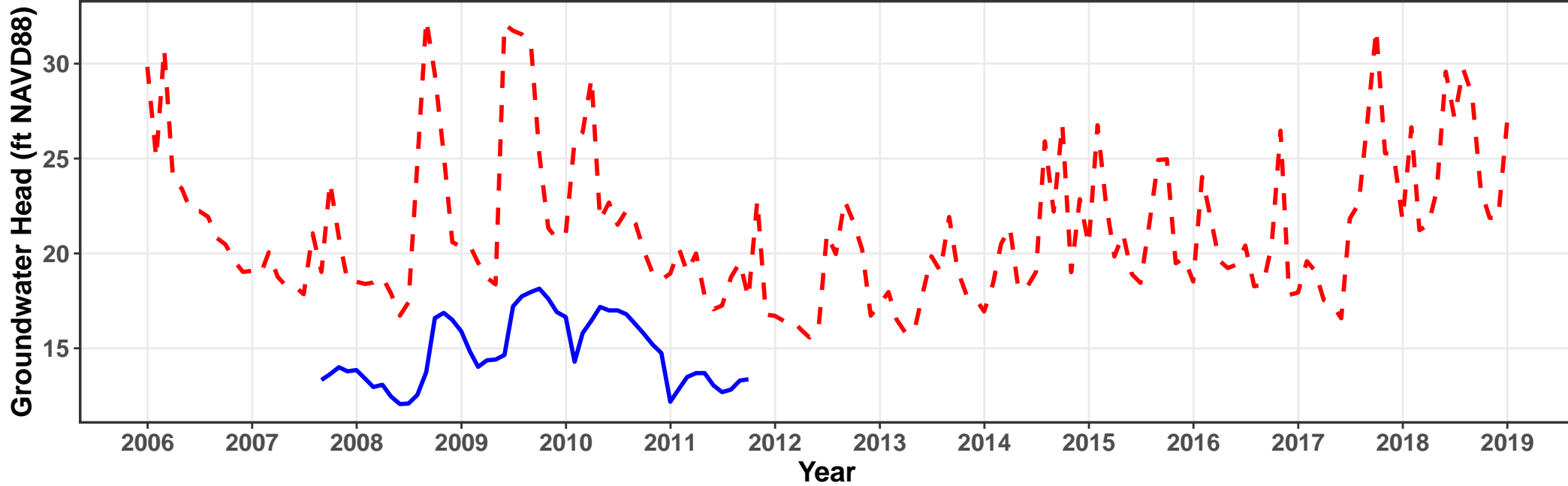
## Stage Duration Curve



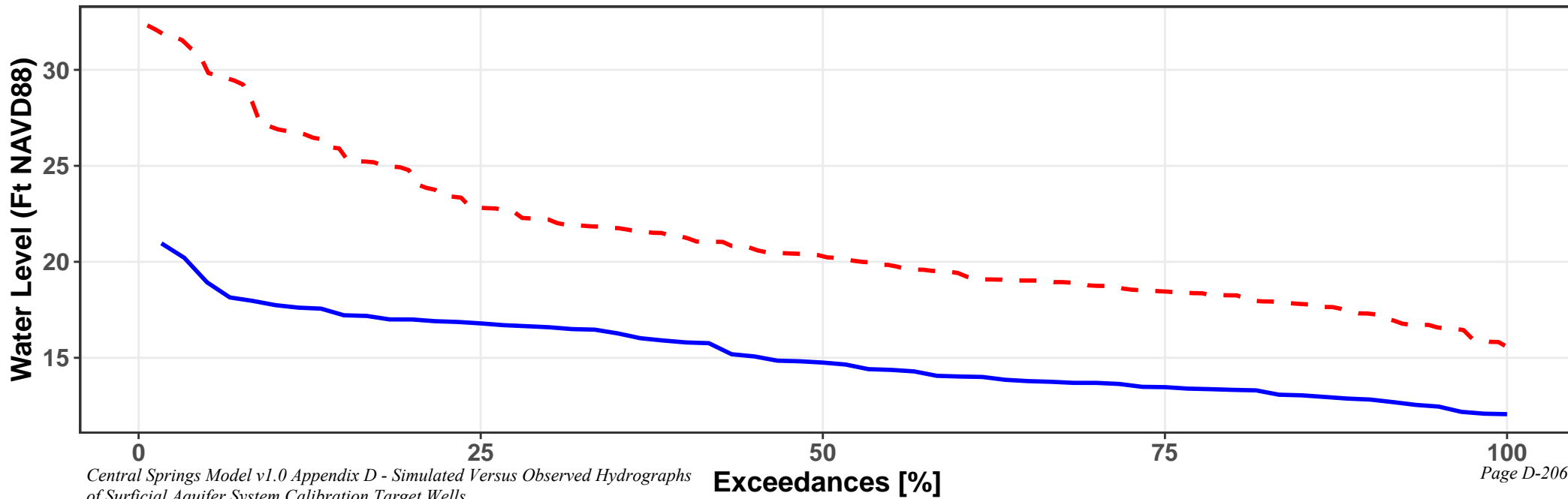
# V-1066 – SAS @ De Leon Spg Ftwr

ME = 6.7 MAE = 6.7  $R^2 = 0.3578$  NSE = -12.622

— Observed — Simulated



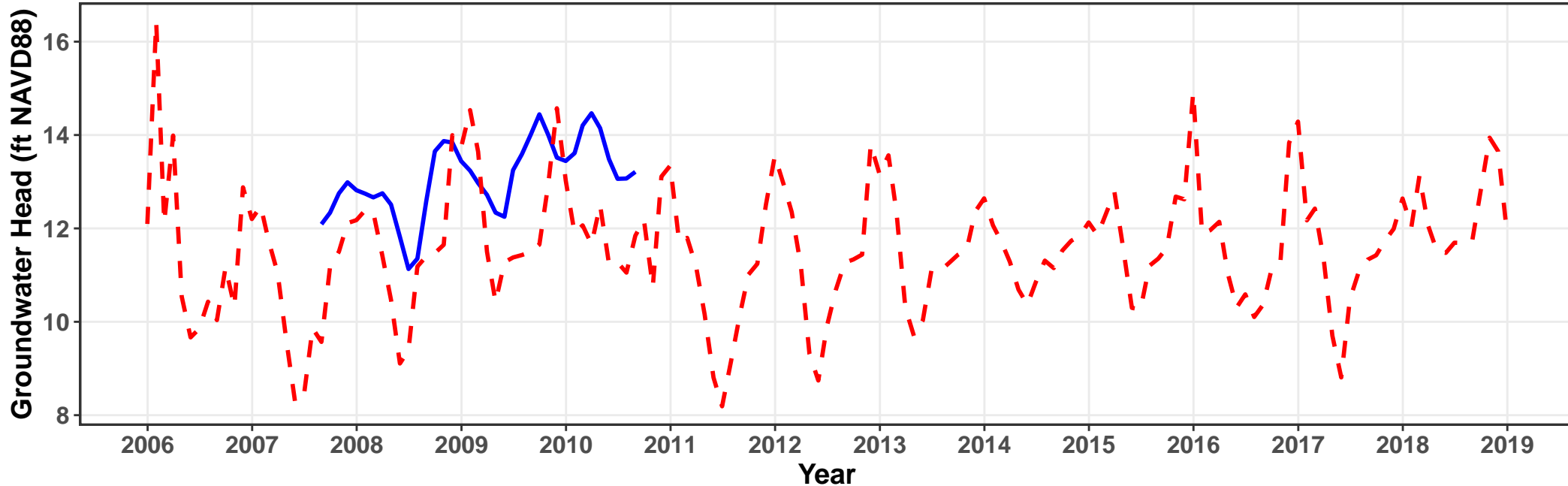
## Stage Duration Curve



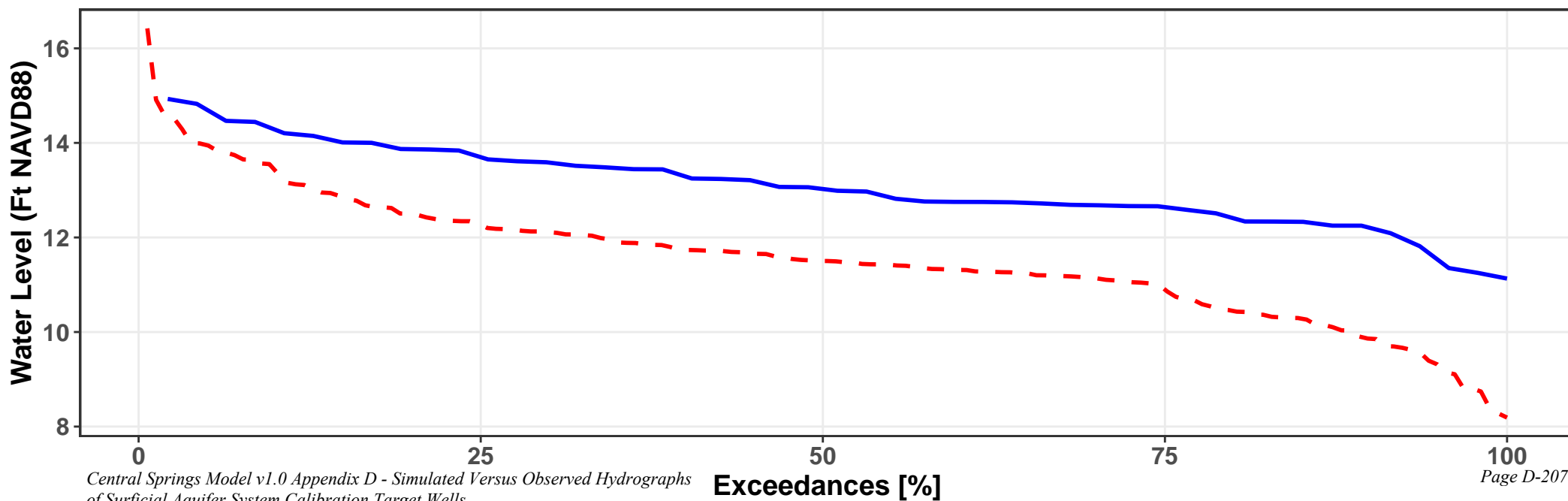
# V-1068 – SAS @ Deep Ck Wells

ME = -1.5 MAE = 1.7  $R^2 = 0.2899$  NSE = -3.711

— Observed — Simulated



## Stage Duration Curve

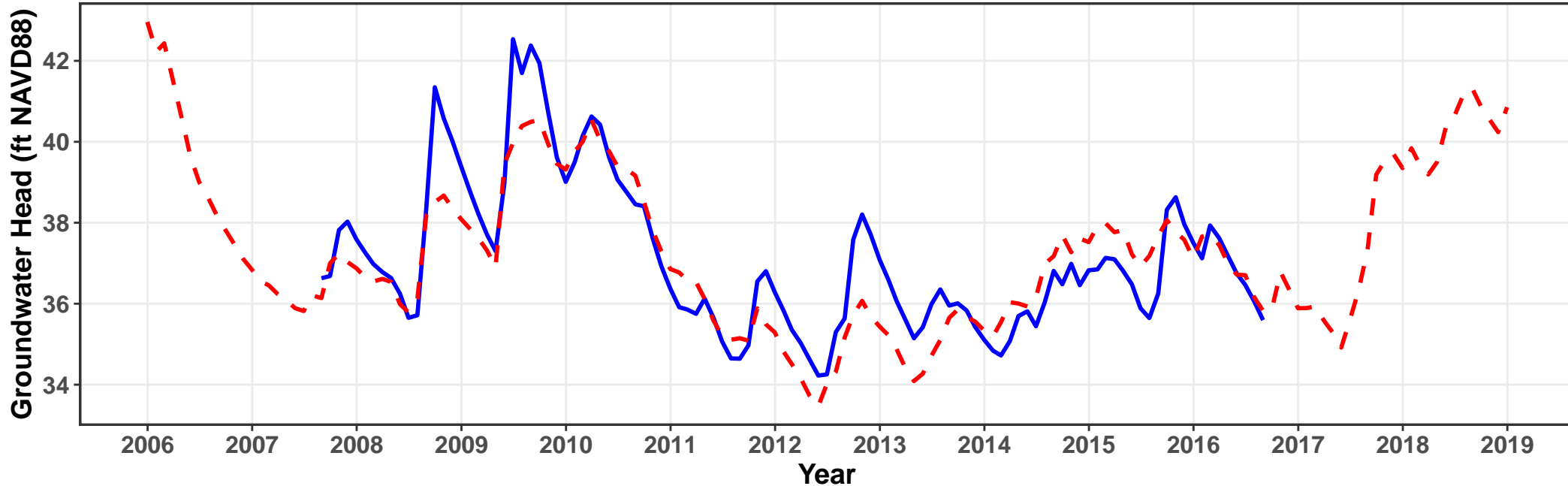




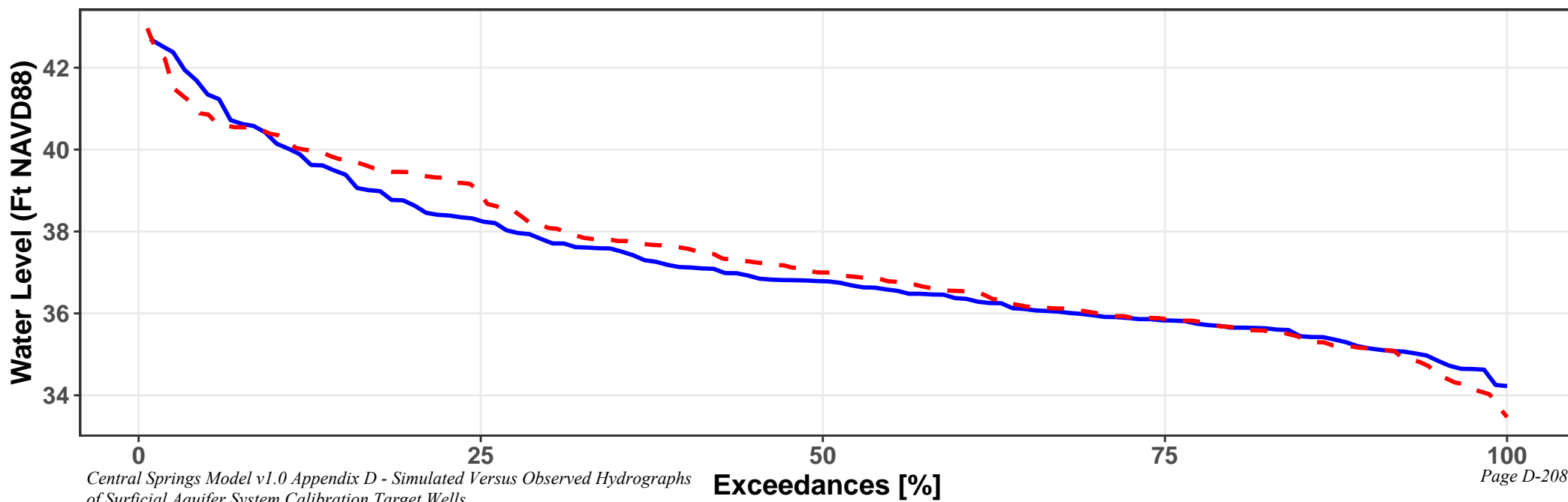
# V-1071 – SAS @ Hendrix Well

ME = -0.2 MAE = 0.7  $R^2 = 0.7917$  NSE = 0.78

— Observed — Simulated



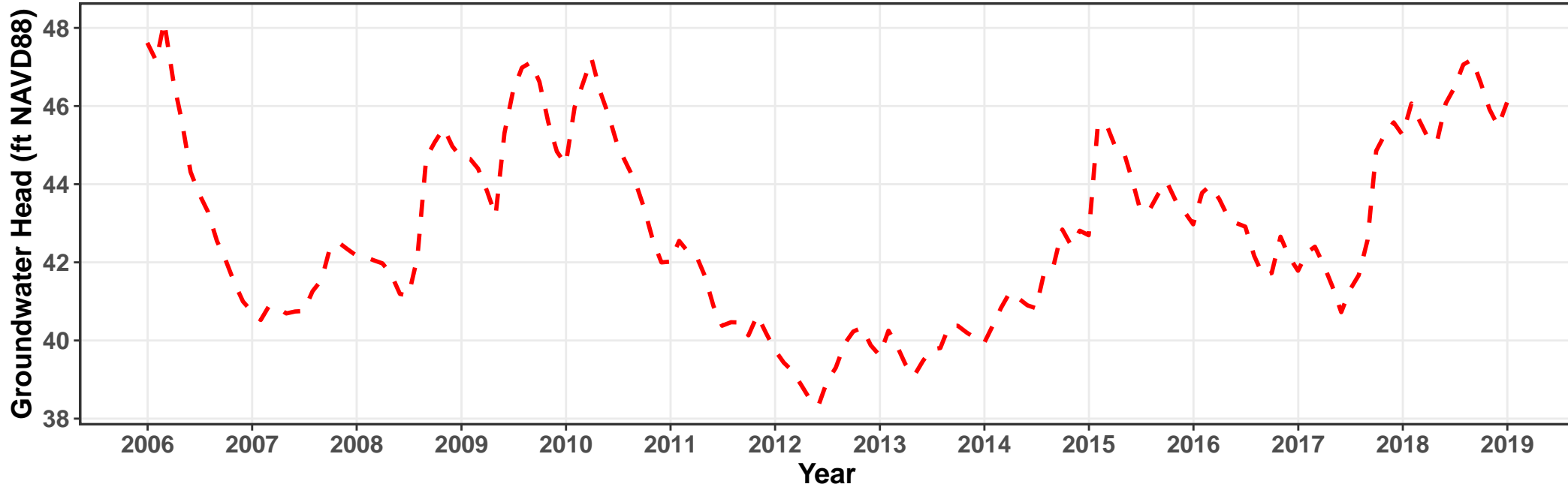
## Stage Duration Curve



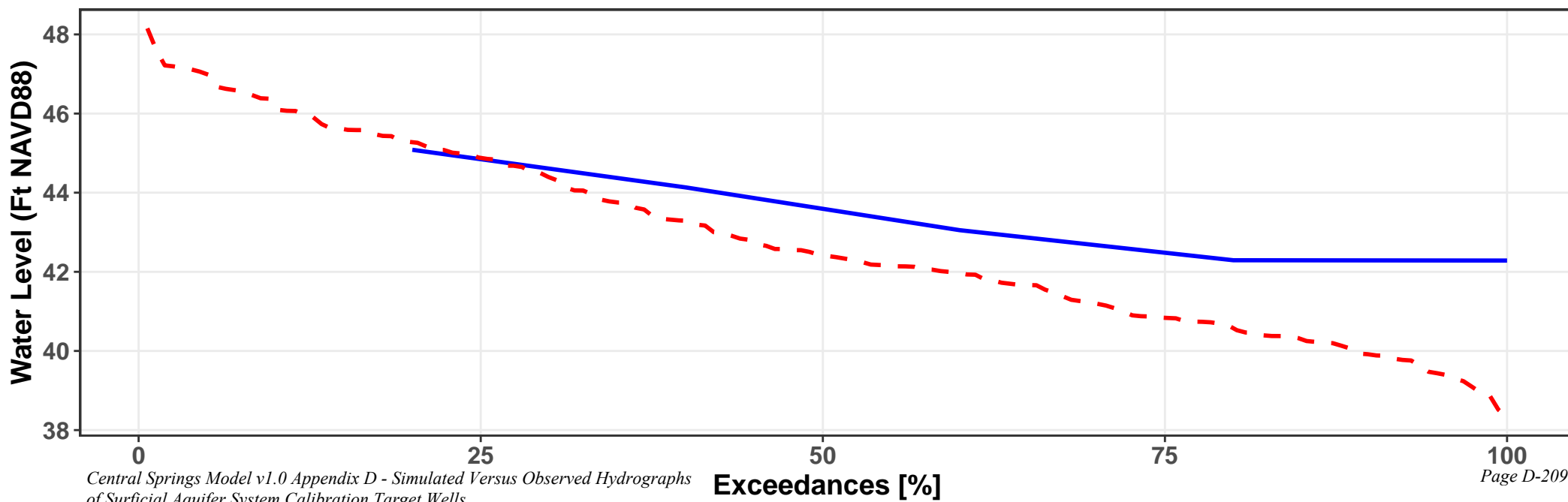
# V-1074 – SAS @ Jones Fernery

ME = 2.2 MAE = 2.2  $R^2 = 0.8242$  NSE = -4.277

— Observed — Simulated



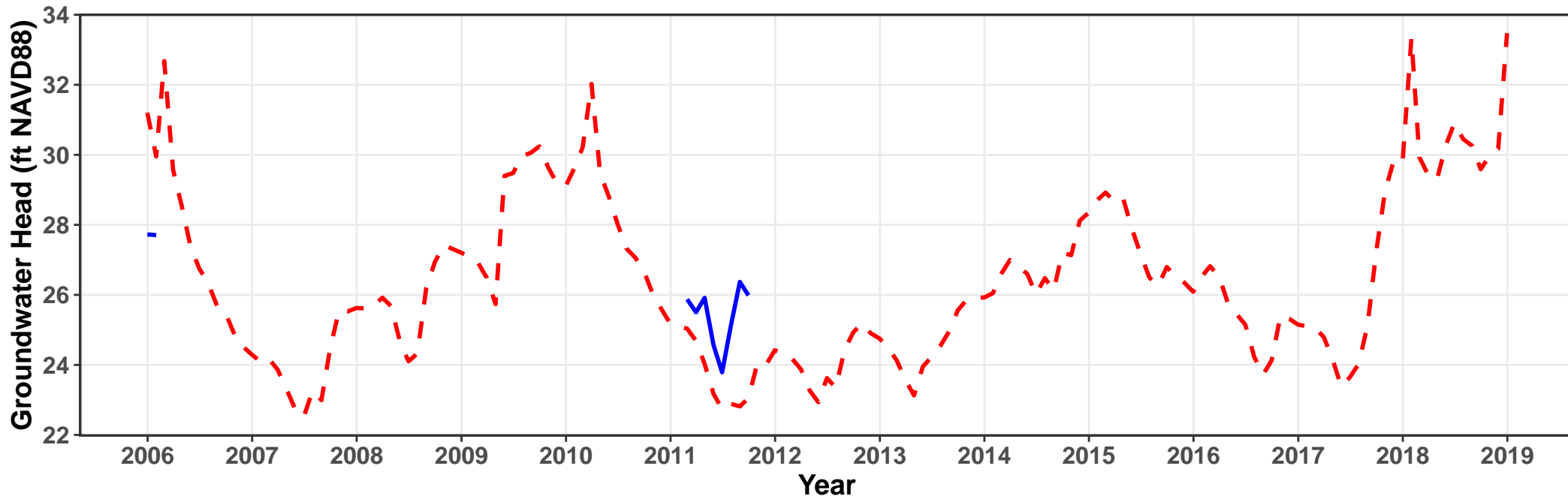
## Stage Duration Curve



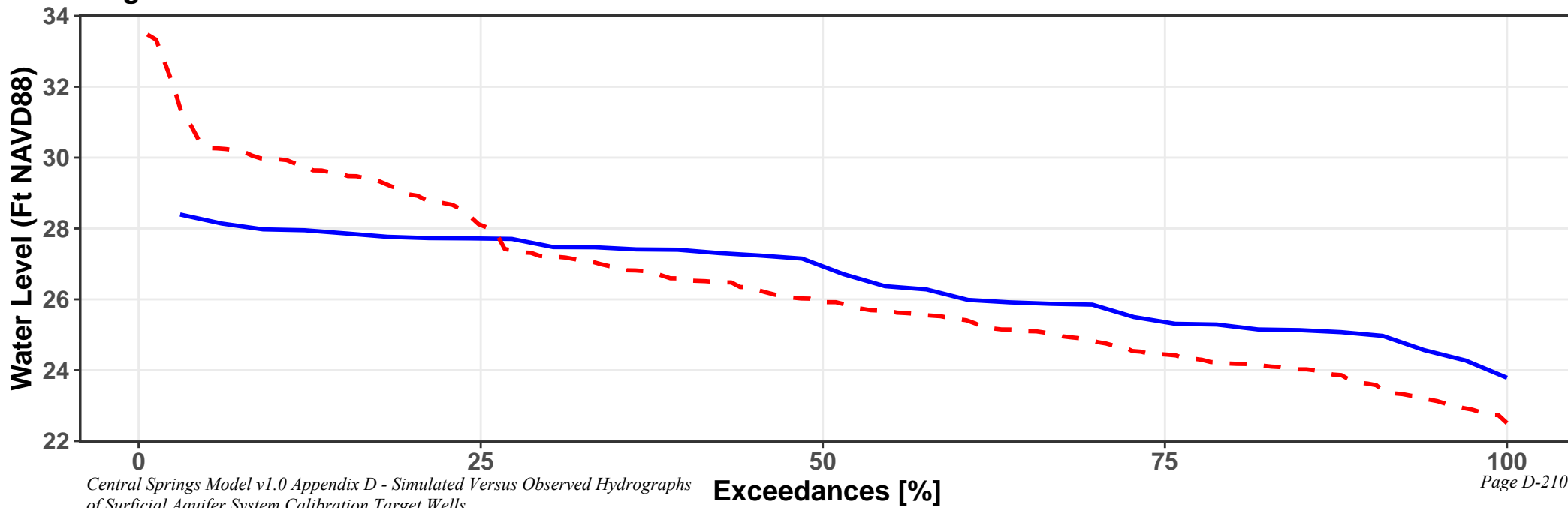
# V-1086 – SAS @ National Gardens

ME = -0.6 MAE = 1.8  $R^2 = 0.4331$  NSE = -1.64

— Observed — Simulated



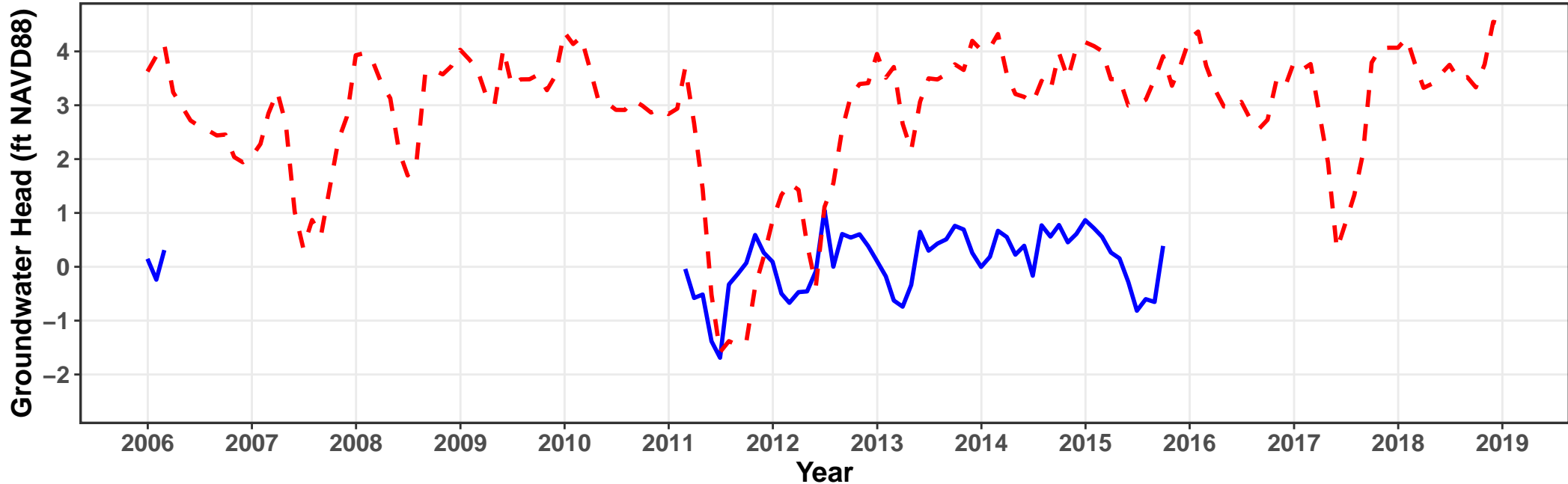
## Stage Duration Curve



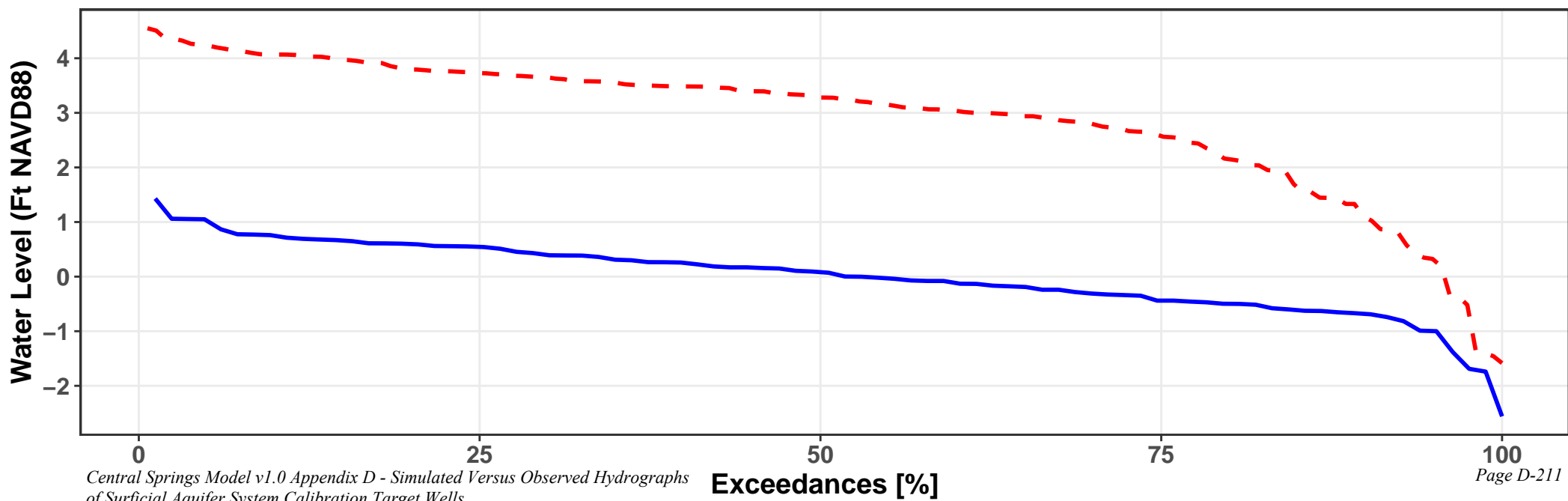
# V-1088 – SAS @ Bulow Ck N

ME = 2.7 MAE = 2.8  $R^2 = 0.1285$  NSE = -19.214

— Observed — Simulated



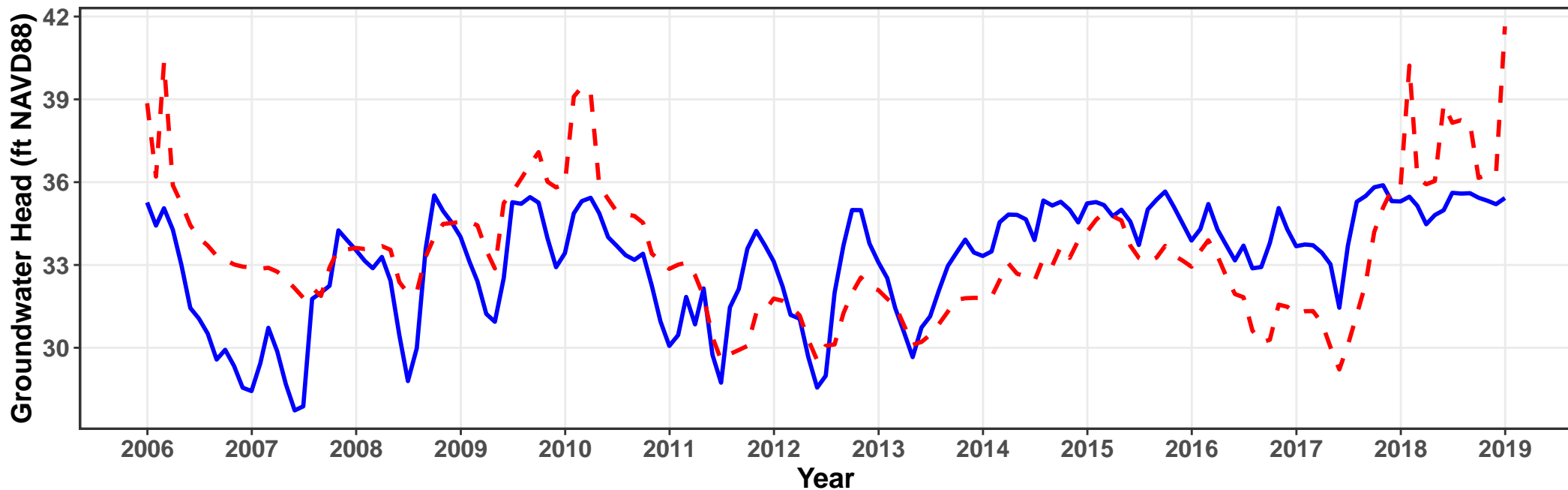
## Stage Duration Curve



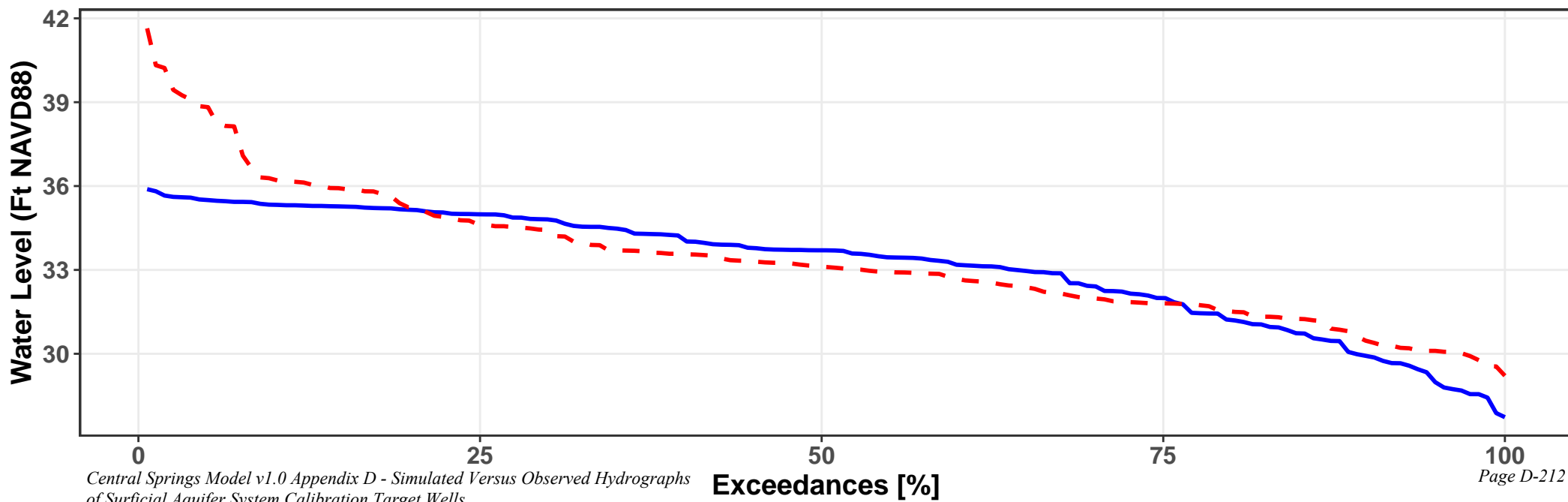
# V-1089 – SAS @ Tiger Bay Mile W

ME = 0.2 MAE = 1.9  $R^2 = 0.2686$  NSE = -0.165

— Observed — Simulated



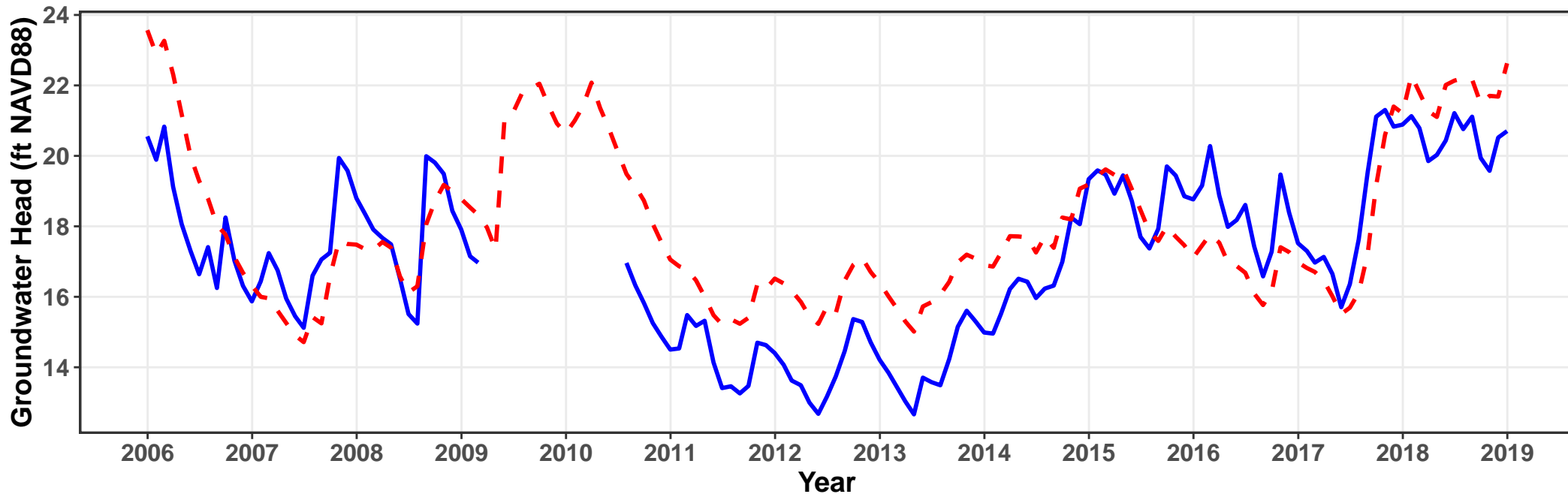
## Stage Duration Curve



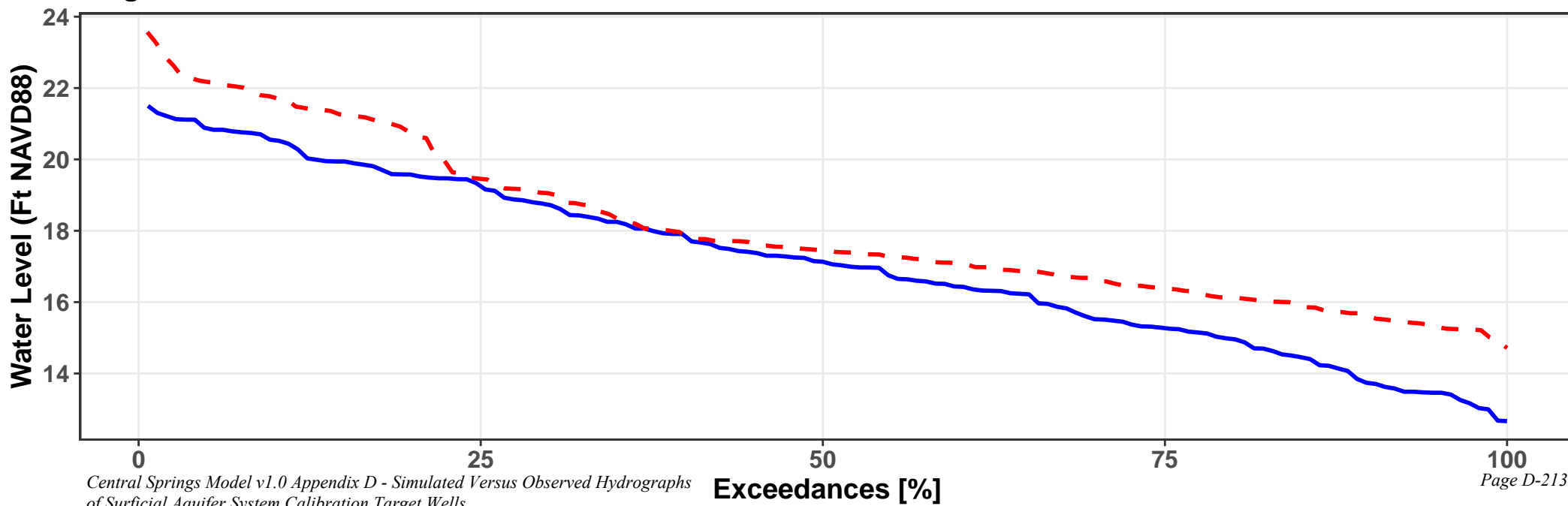
# V-1092 – SAS @ I-95 Ormond Bch RS

ME = 0.7 MAE = 1.5  $R^2 = 0.5905$  NSE = 0.471

— Observed — Simulated



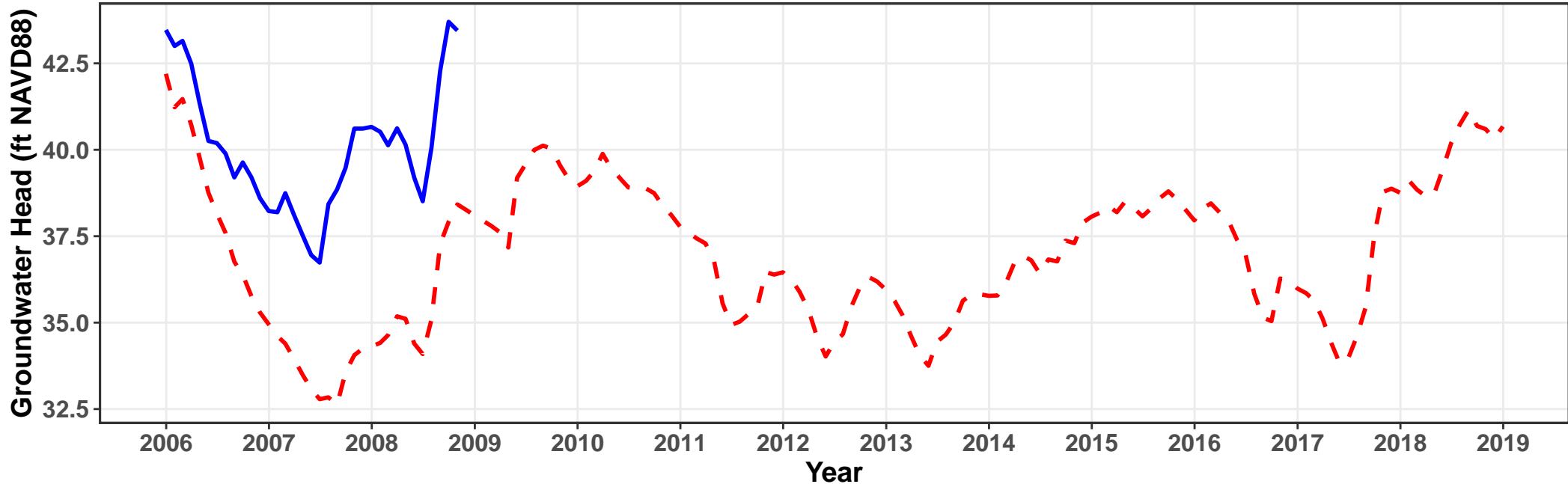
## Stage Duration Curve



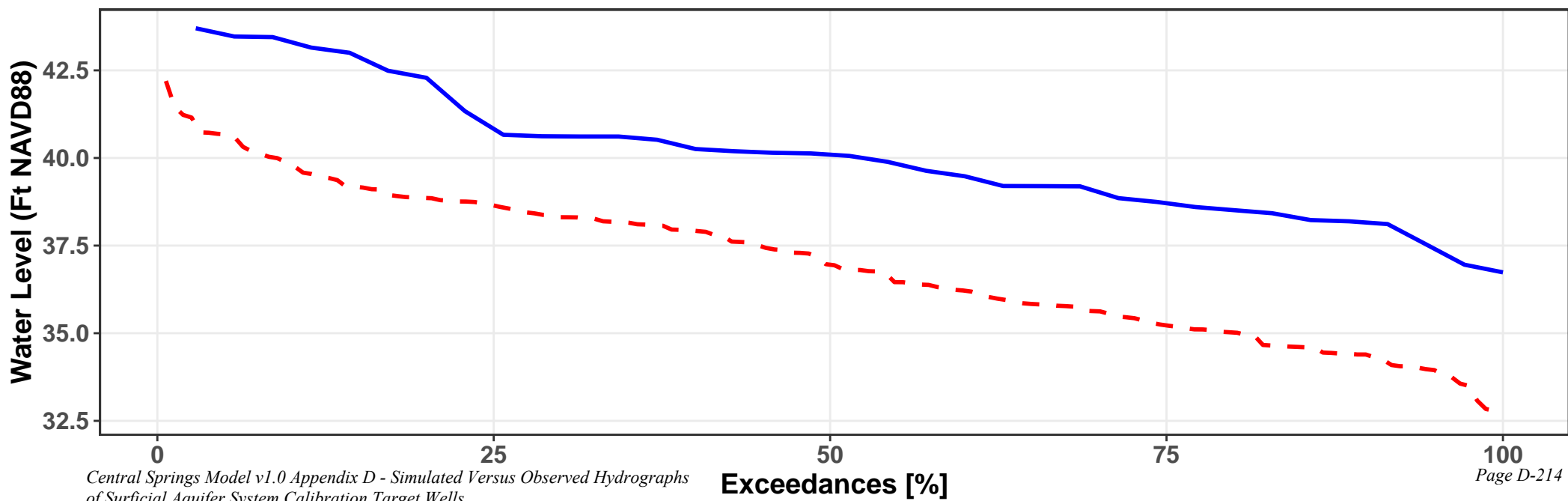
# V-1096 – SAS @ Shunz Rd

ME = -4.1 MAE = 4.1  $R^2 = 0.6336$  NSE = -4.635

— Observed — Simulated



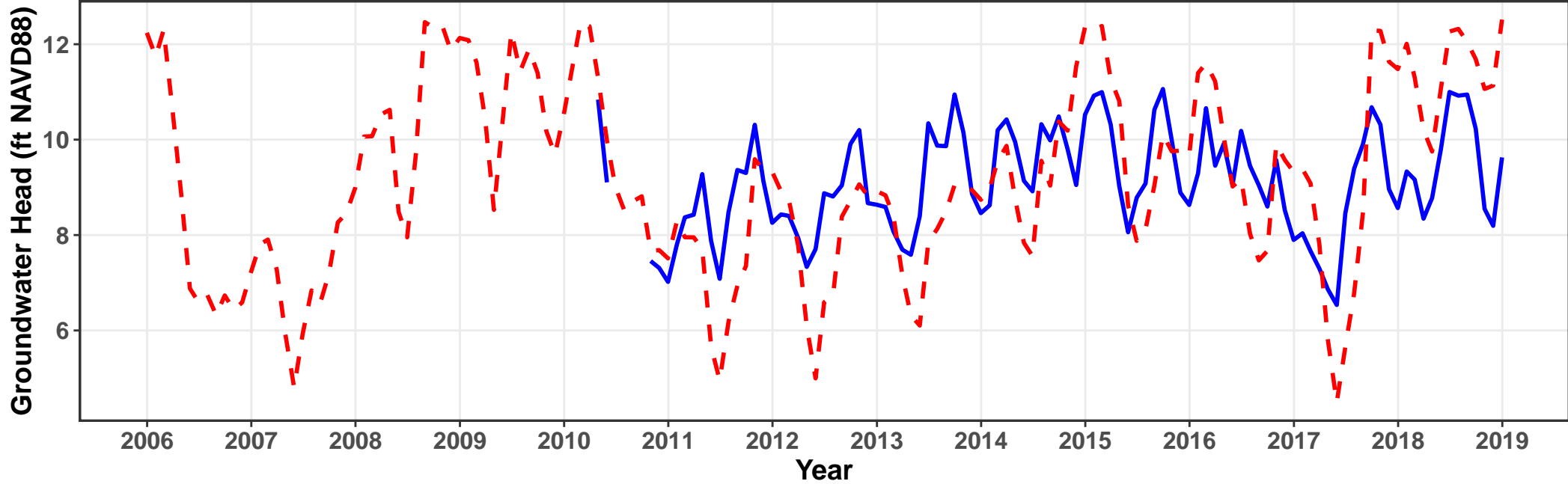
## Stage Duration Curve



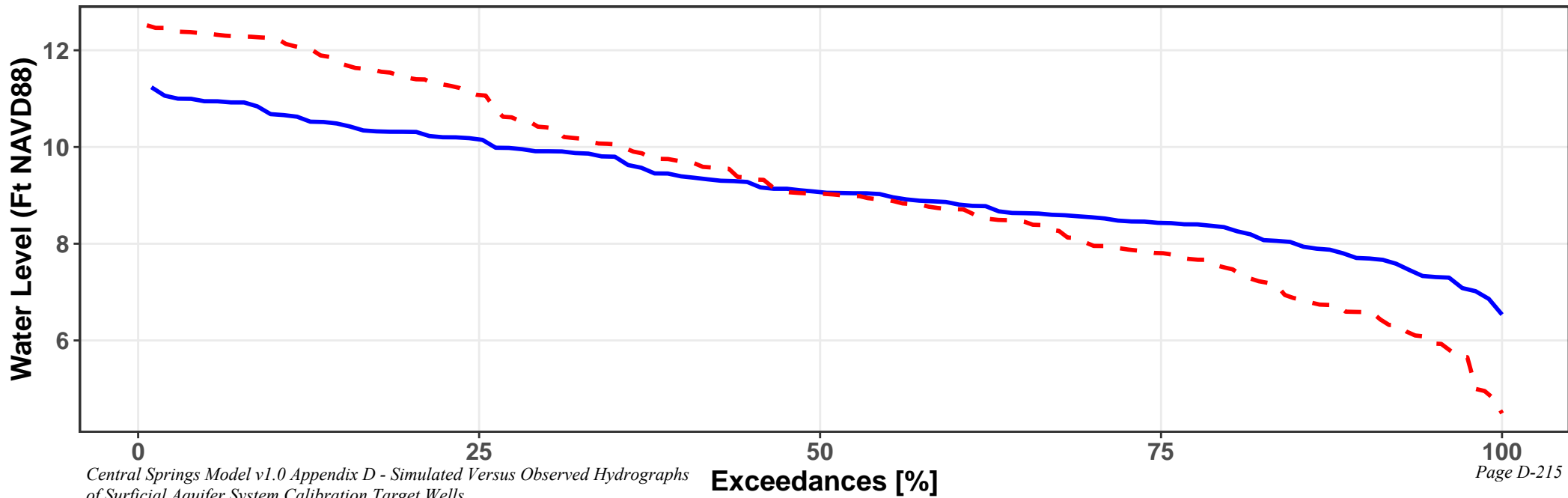
# V-1135 – SAS @ Empire ASR Wells

ME = -0 MAE = 1.3  $R^2 = 0.4037$  NSE = -0.805

— Observed — Simulated



## Stage Duration Curve

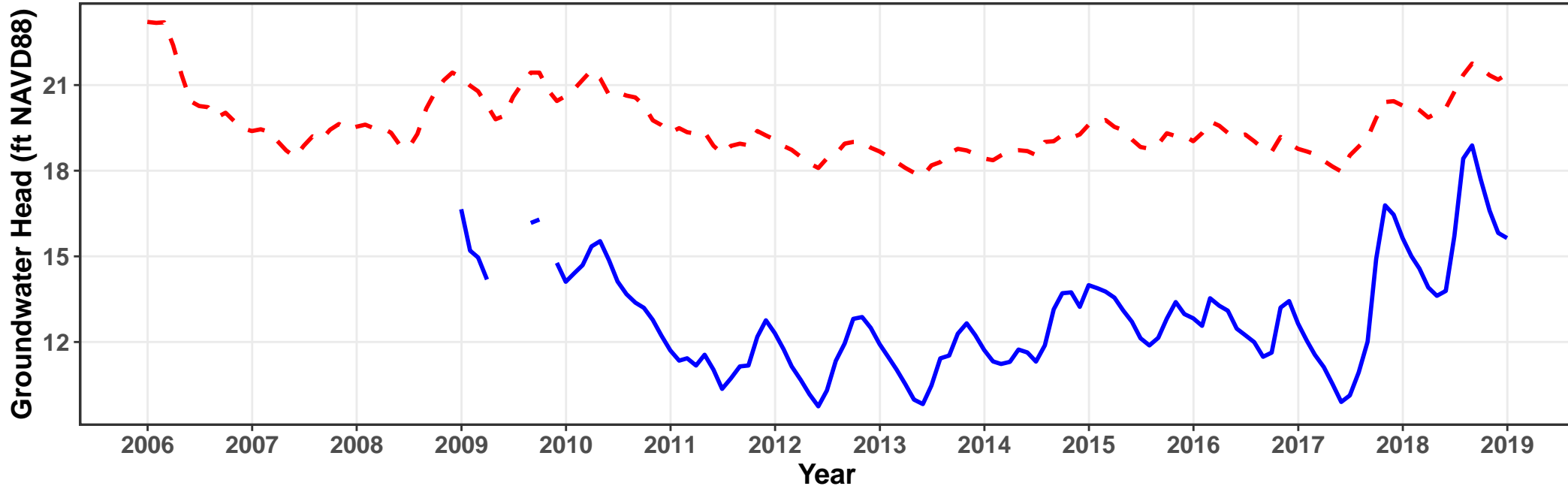




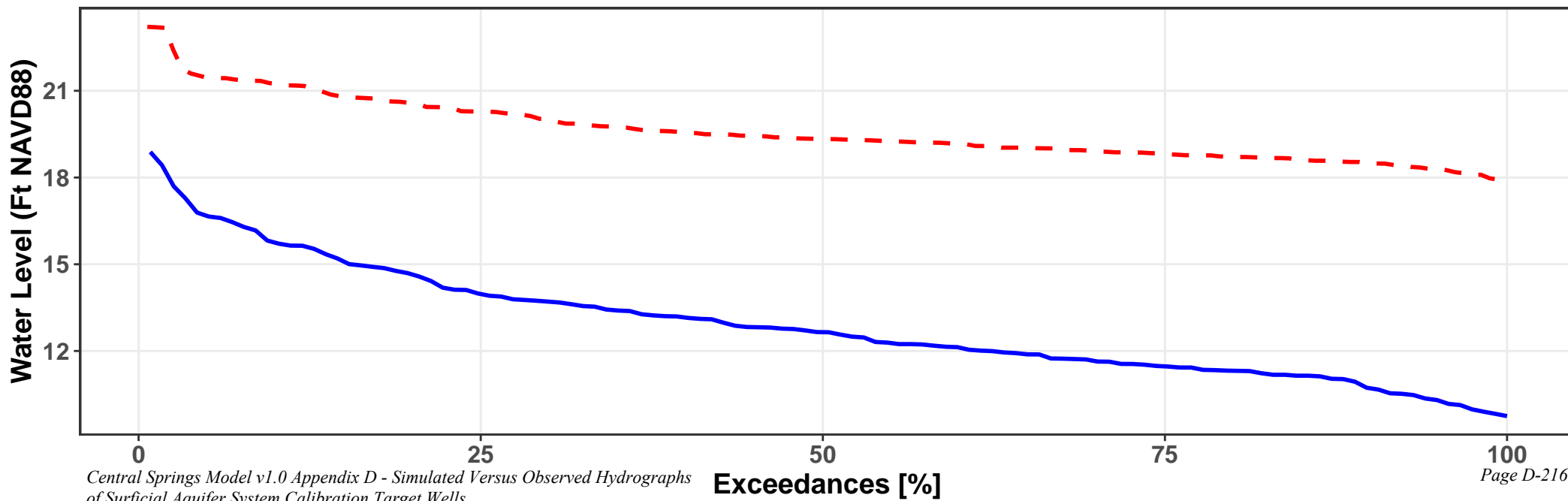
# V-1148 – SAS @ Heritage MS

ME = 6.5 MAE = 6.5  $R^2 = 0.8269$  NSE = -10.507

— Observed — Simulated



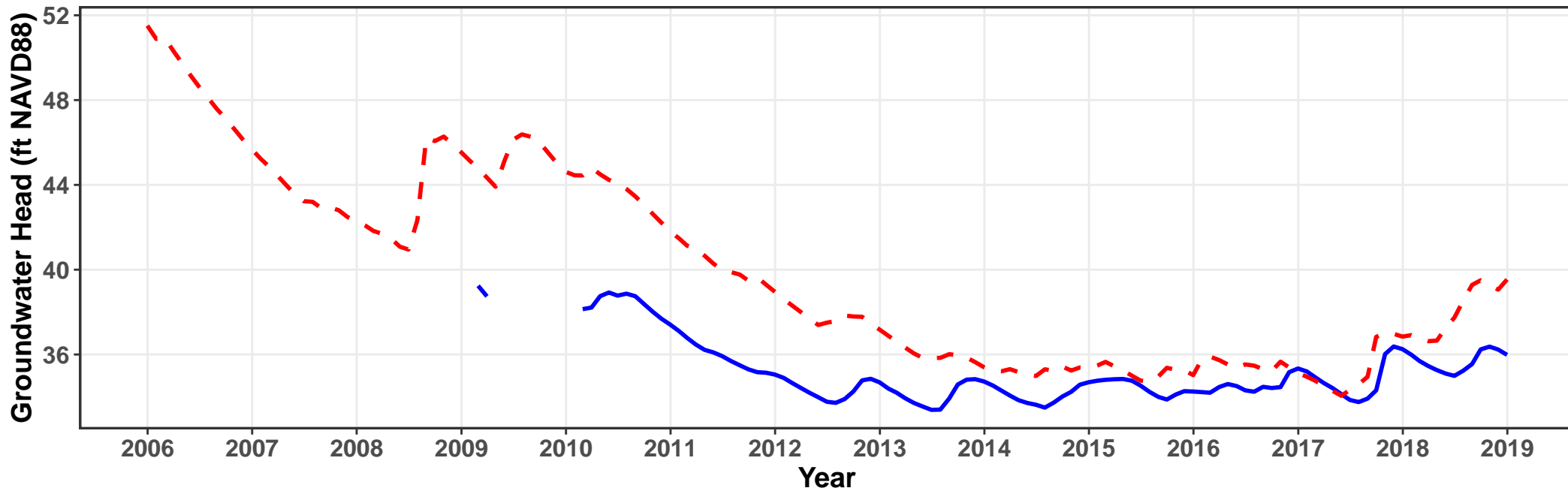
## Stage Duration Curve



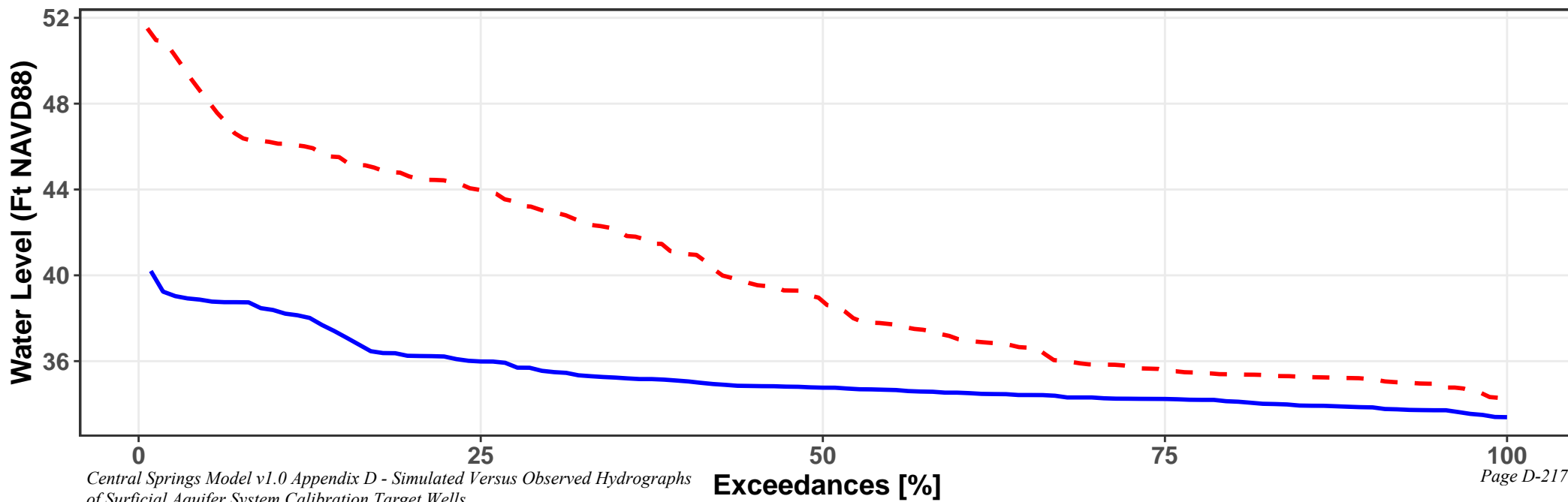
# V-1151 – SAS @ Blue Spg N

ME = 2.4 MAE = 2.4  $R^2 = 0.8255$  NSE = -2.705

— Observed — Simulated



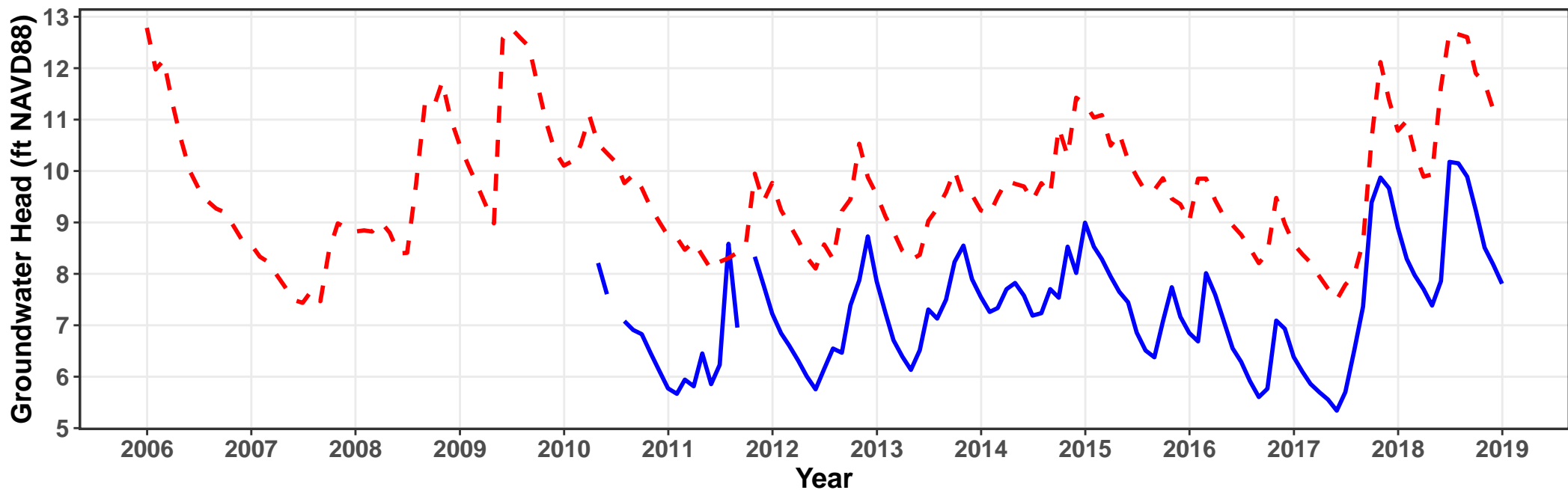
## Stage Duration Curve



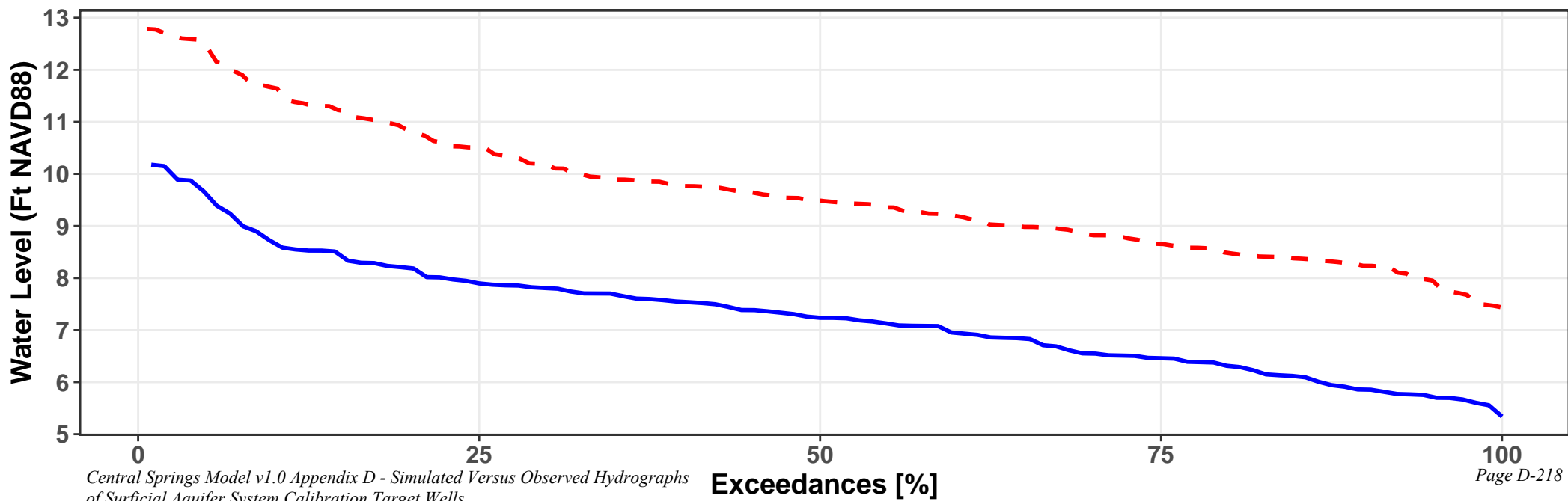
# V-1160 – SAS @ Gamble Place Wells

ME = 2.3 MAE = 2.3  $R^2 = 0.7443$  NSE = -3.716

— Observed — Simulated

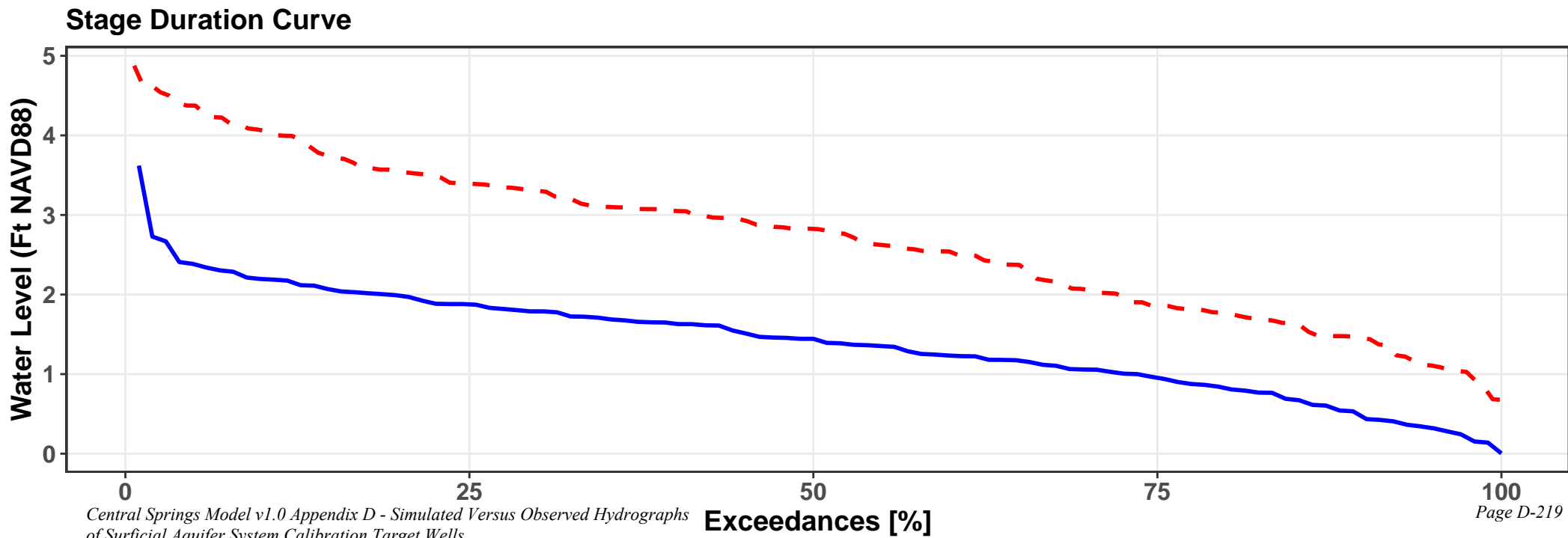
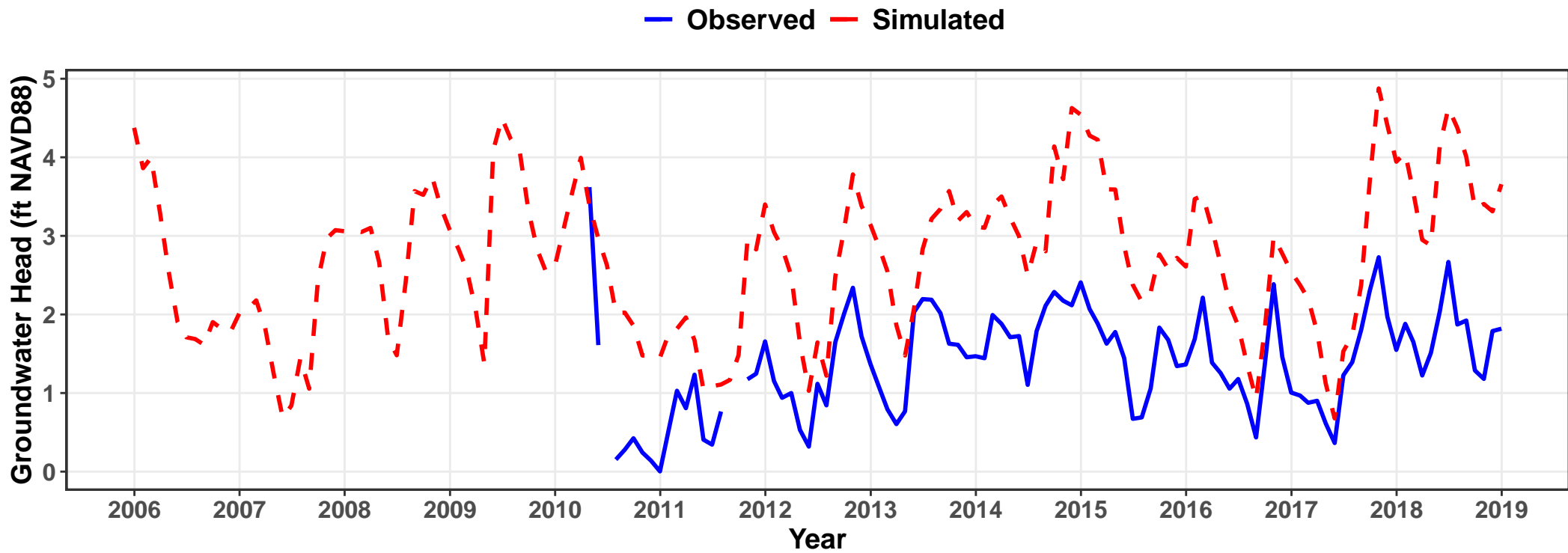


## Stage Duration Curve



# V-1164 – SAS @ Buschman Pk Wells

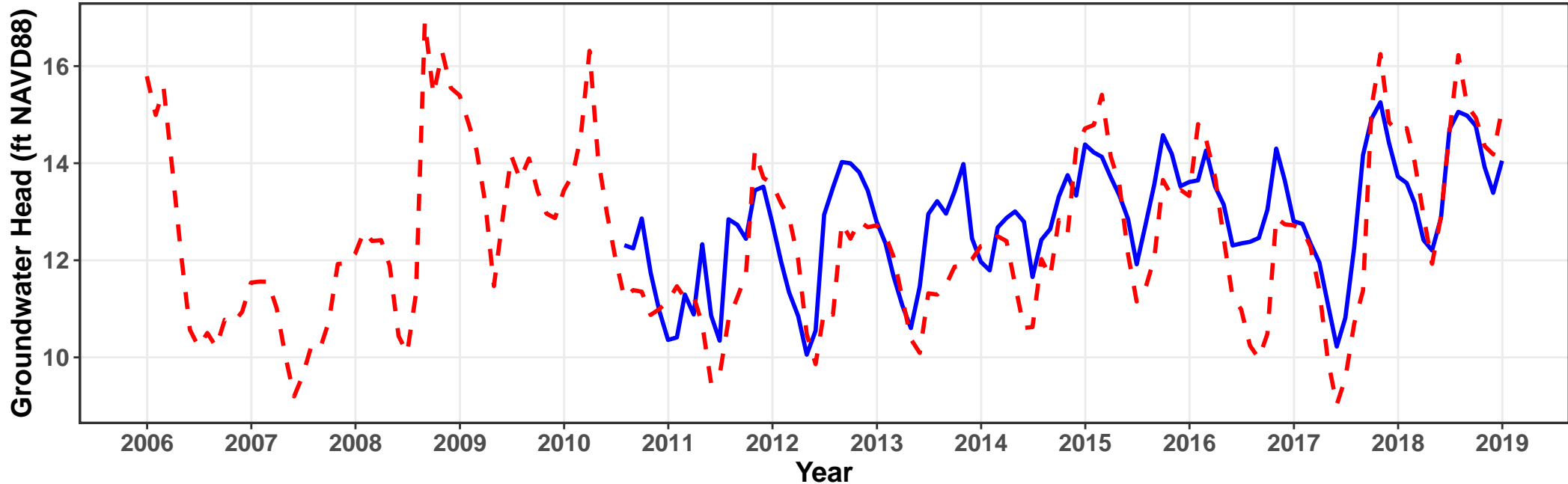
ME = 1.4 MAE = 1.4  $R^2 = 0.6331$  NSE = -4.093



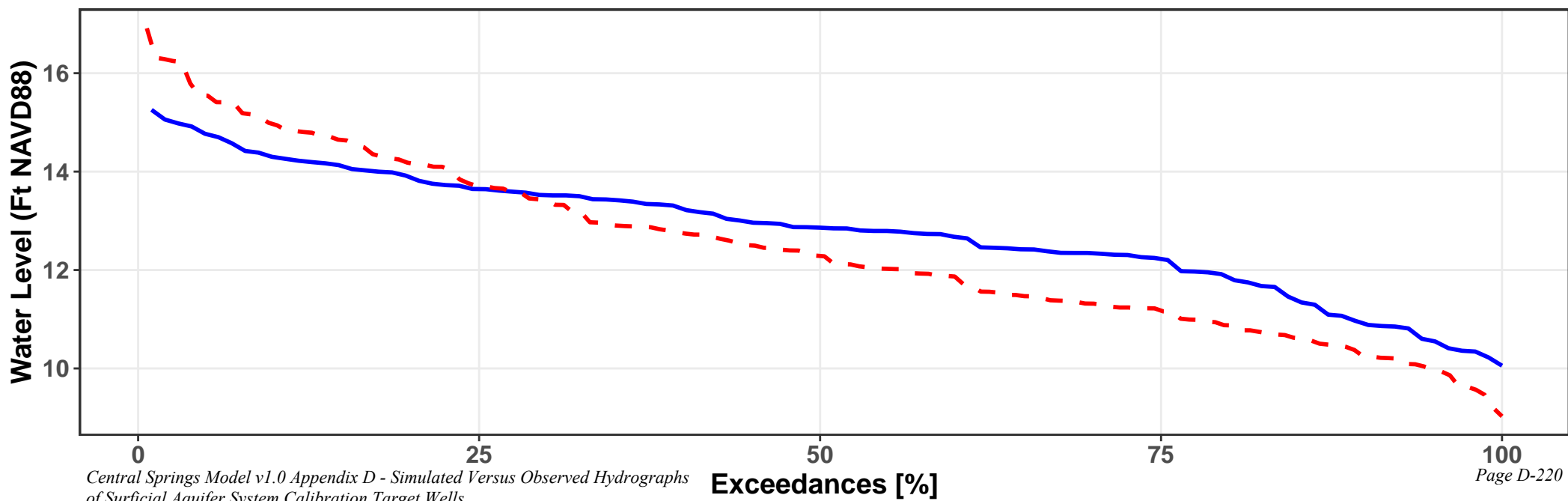
# V-1170 – SAS @ Hickory Bluff Well

ME = -0.4 MAE = 0.9  $R^2 = 0.5921$  NSE = 0.137

— Observed - - Simulated



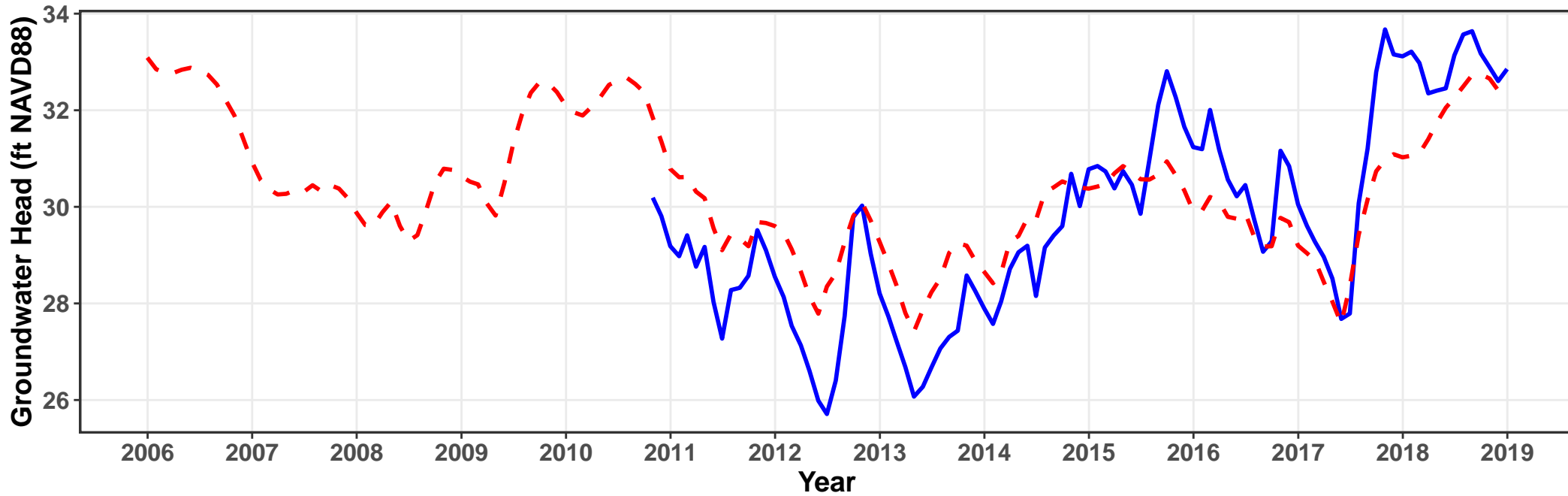
## Stage Duration Curve



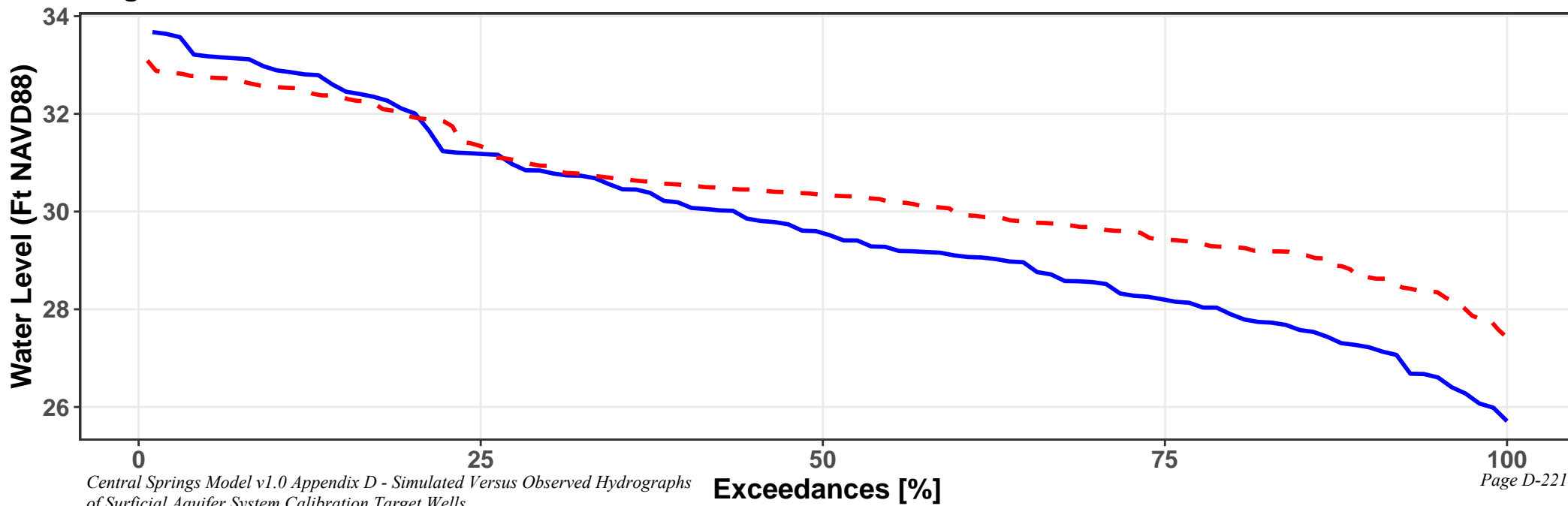
# V-1187 – SAS @ Scoggin Lk Wells

ME = 0.2 MAE = 1  $R^2 = 0.7412$  NSE = 0.662

— Observed — Simulated



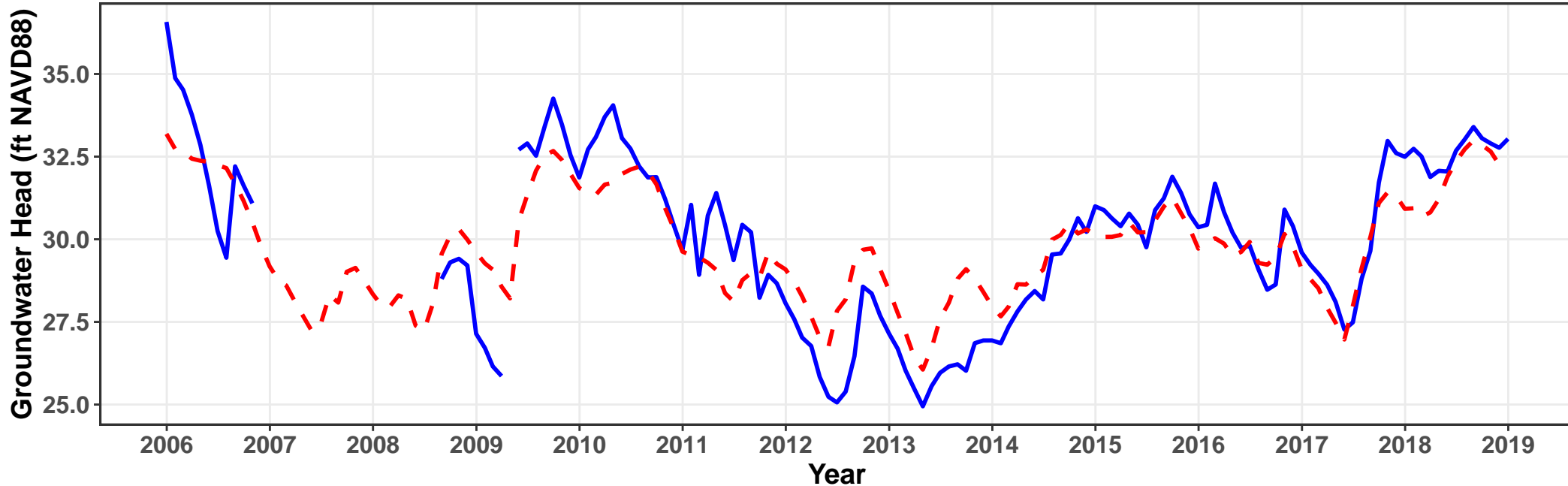
## Stage Duration Curve



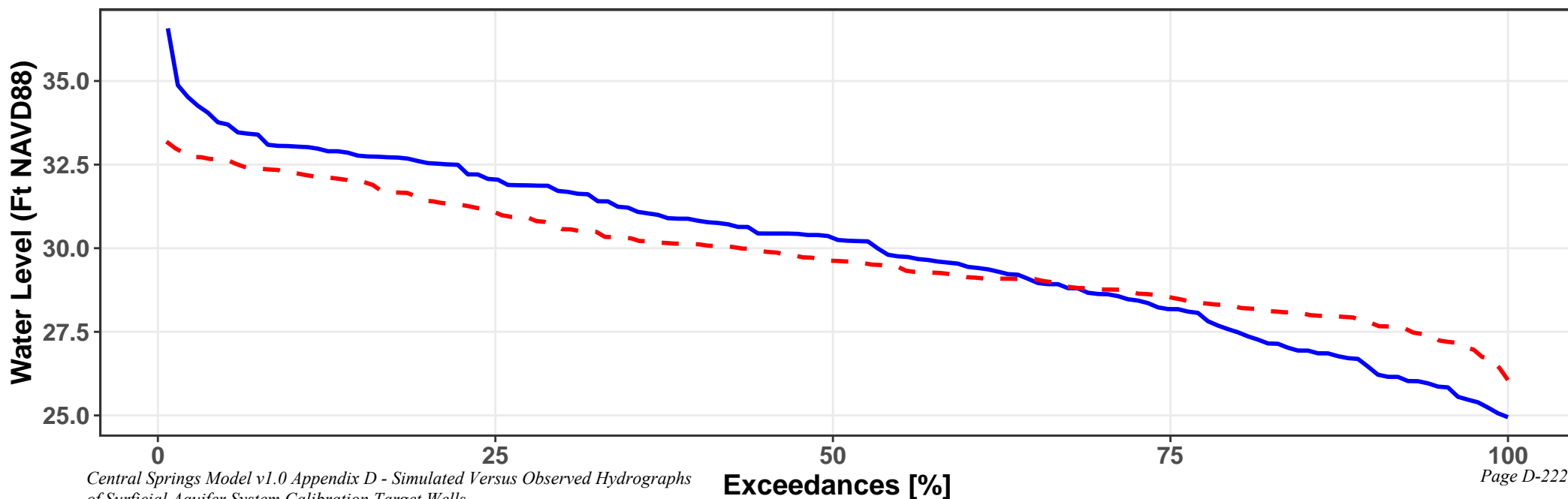
# V-1189 – SAS @ Indian Lk Wells

ME = 0 MAE = 1  $R^2 = 0.7999$  NSE = 0.739

— Observed — Simulated



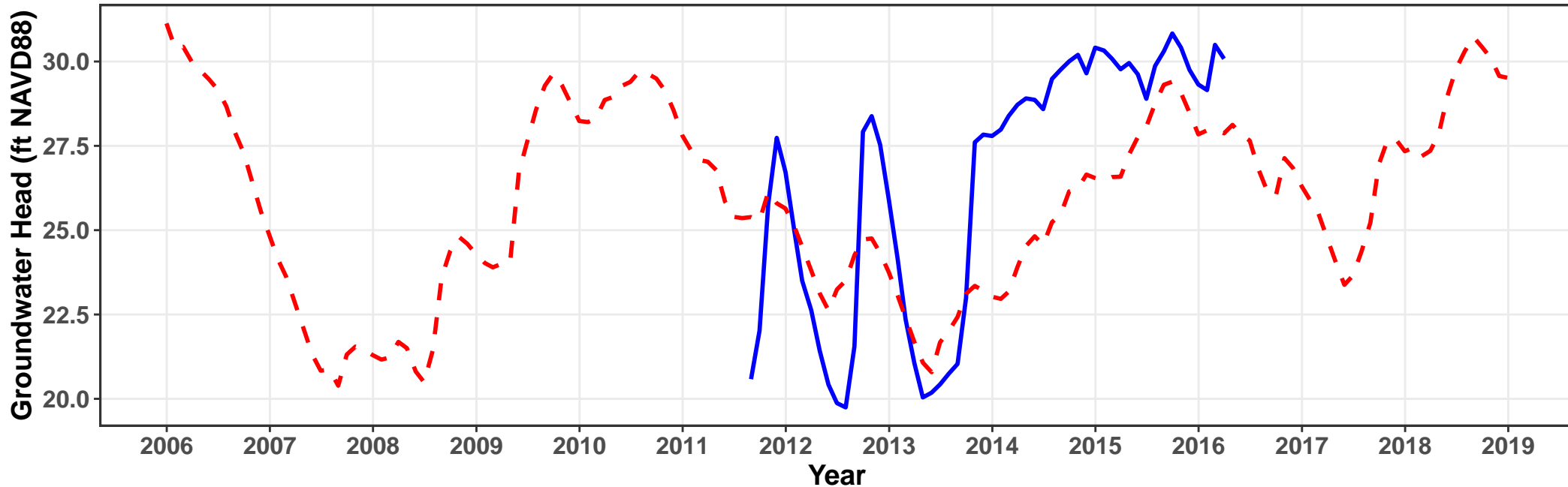
## Stage Duration Curve



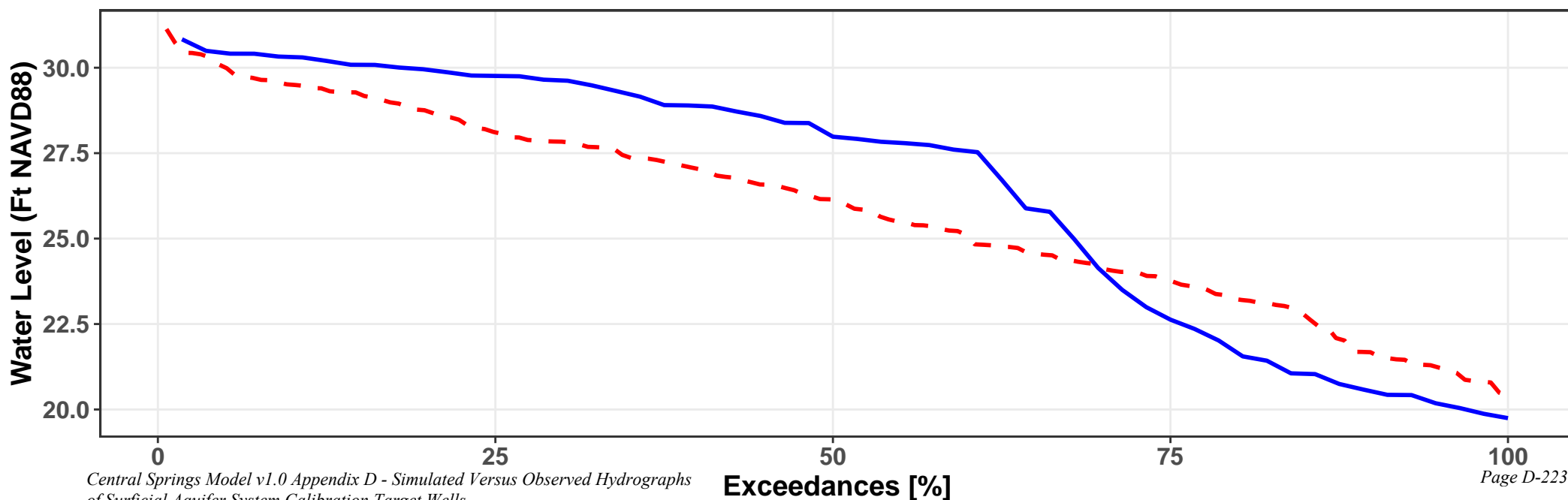
# V-1215 – SAS @ Tiger Bay Site 1

ME = -1.4 MAE = 2.5  $R^2 = 0.5634$  NSE = 0.396

— Observed — Simulated



## Stage Duration Curve

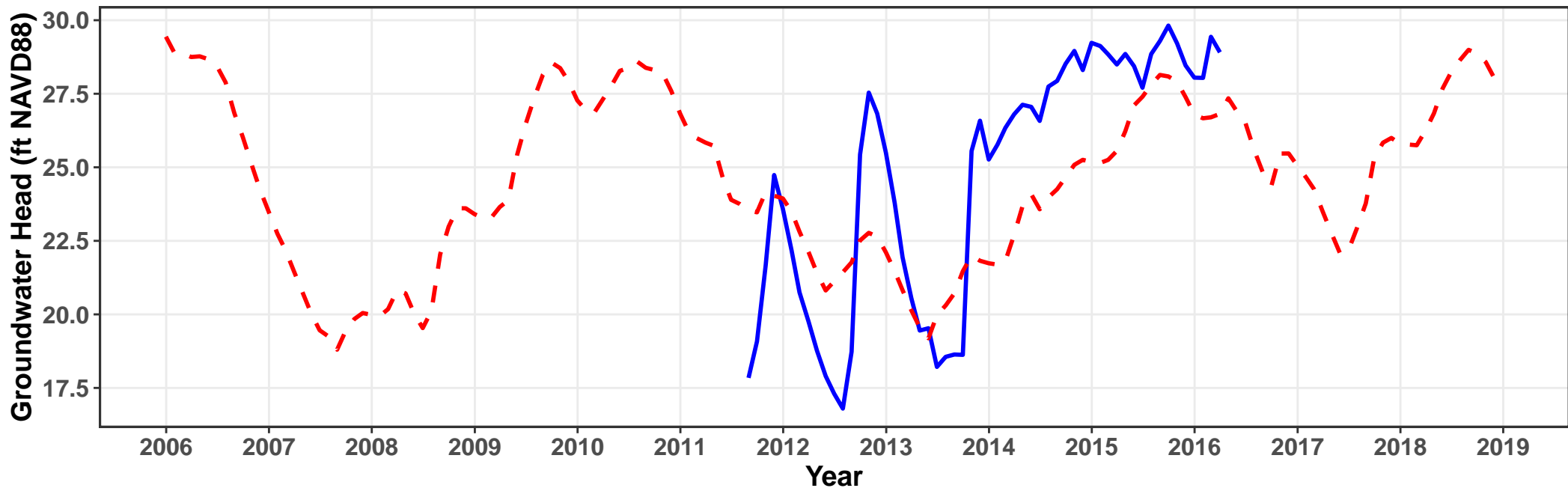




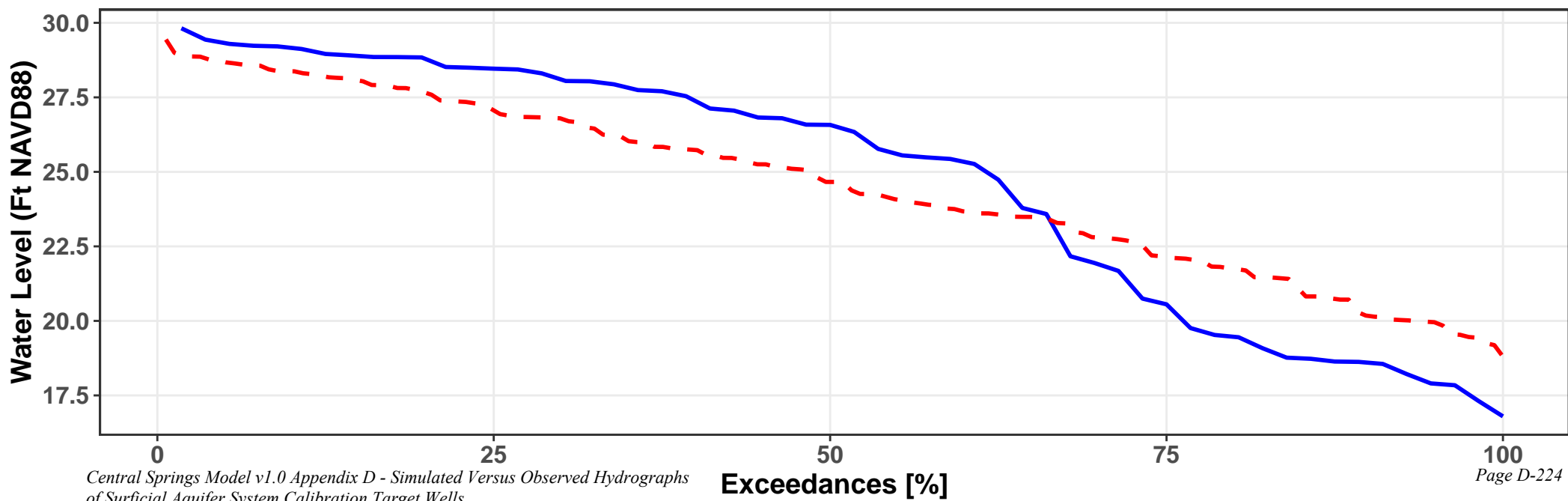
# V-1218 – SAS @ Tiger Bay Site 2

ME = -1.1 MAE = 2.7  $R^2 = 0.5934$  NSE = 0.491

— Observed — Simulated



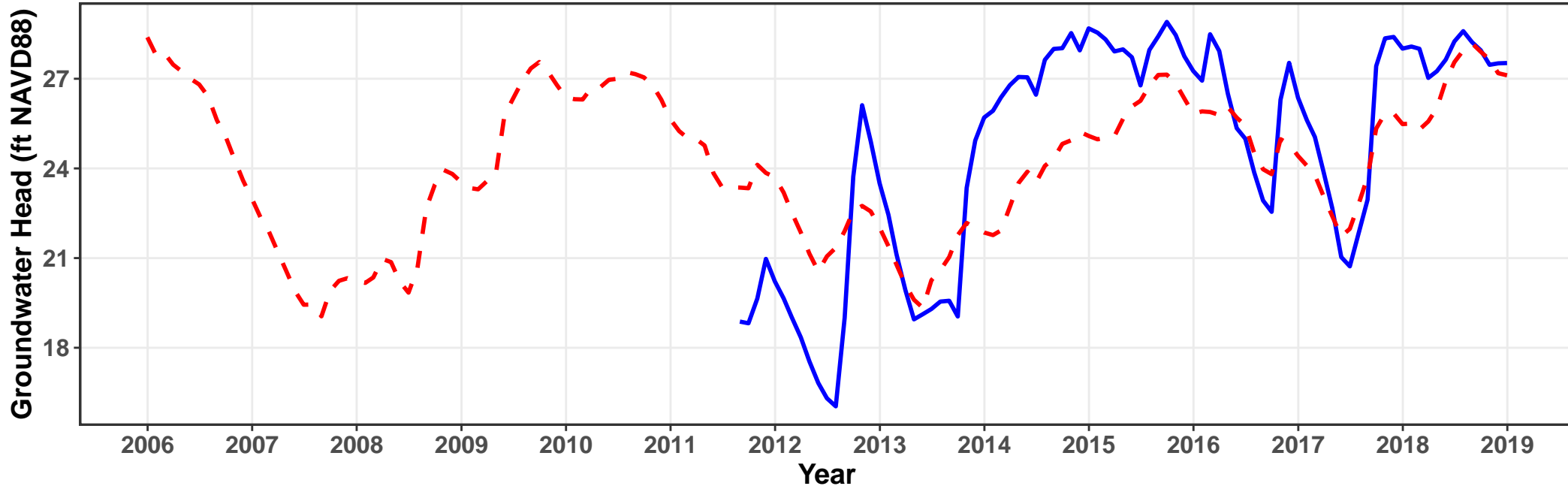
## Stage Duration Curve



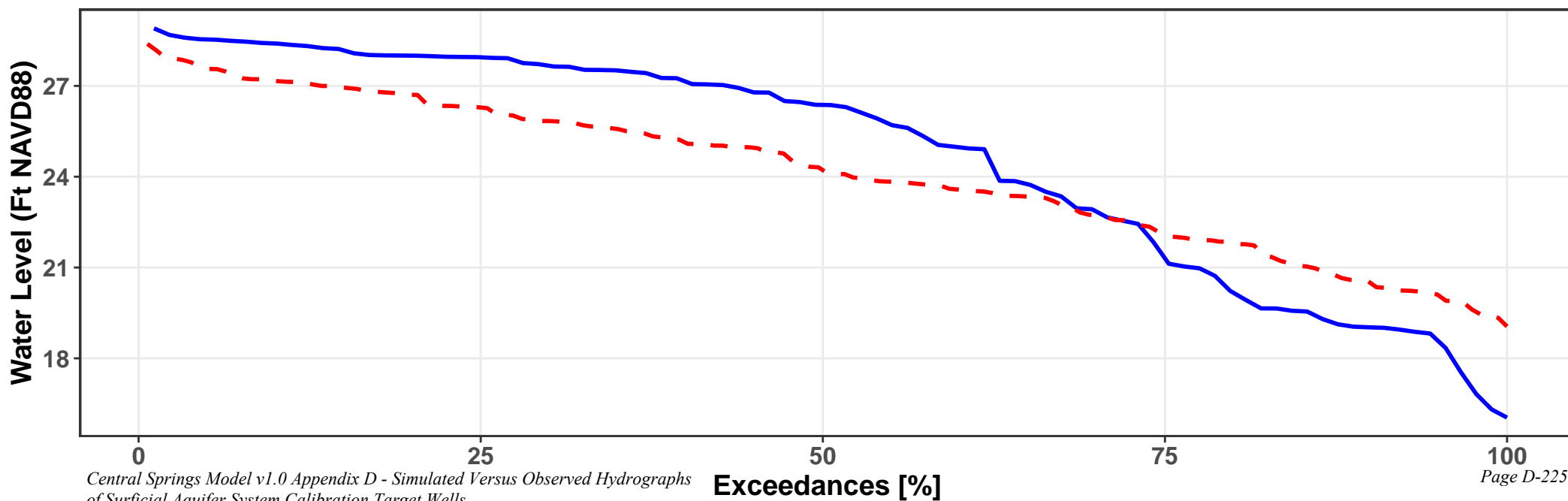
# V-1221 – SAS @ Tiger Bay Site 3

ME = -0.6 MAE = 2.1  $R^2 = 0.6264$  NSE = 0.555

— Observed — Simulated



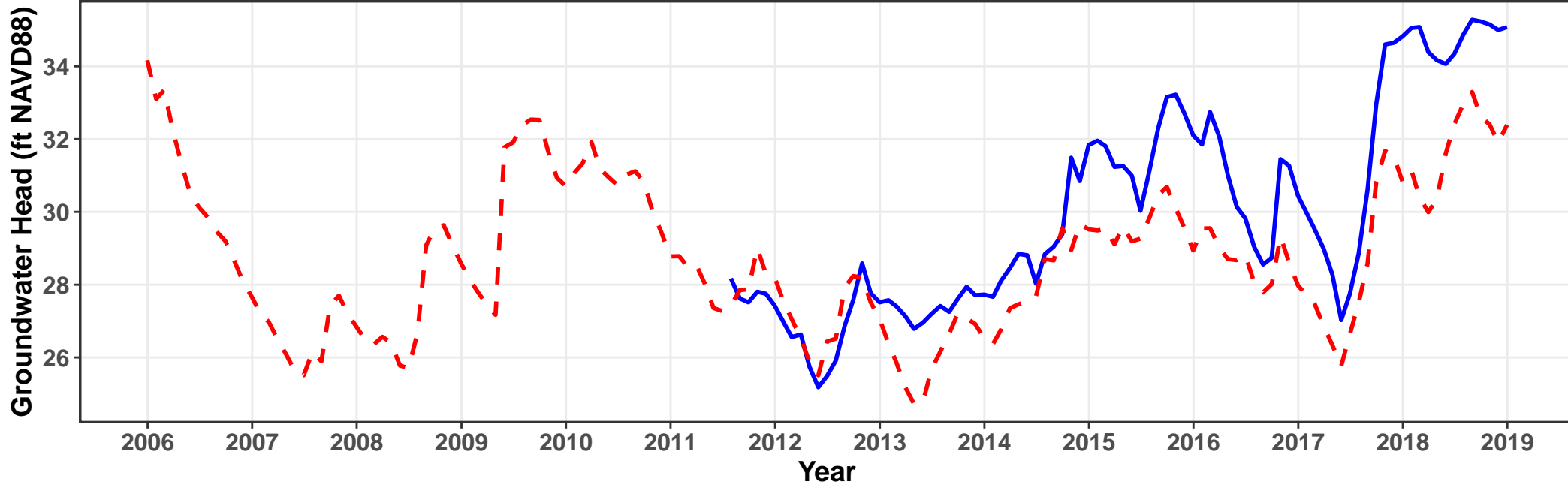
## Stage Duration Curve



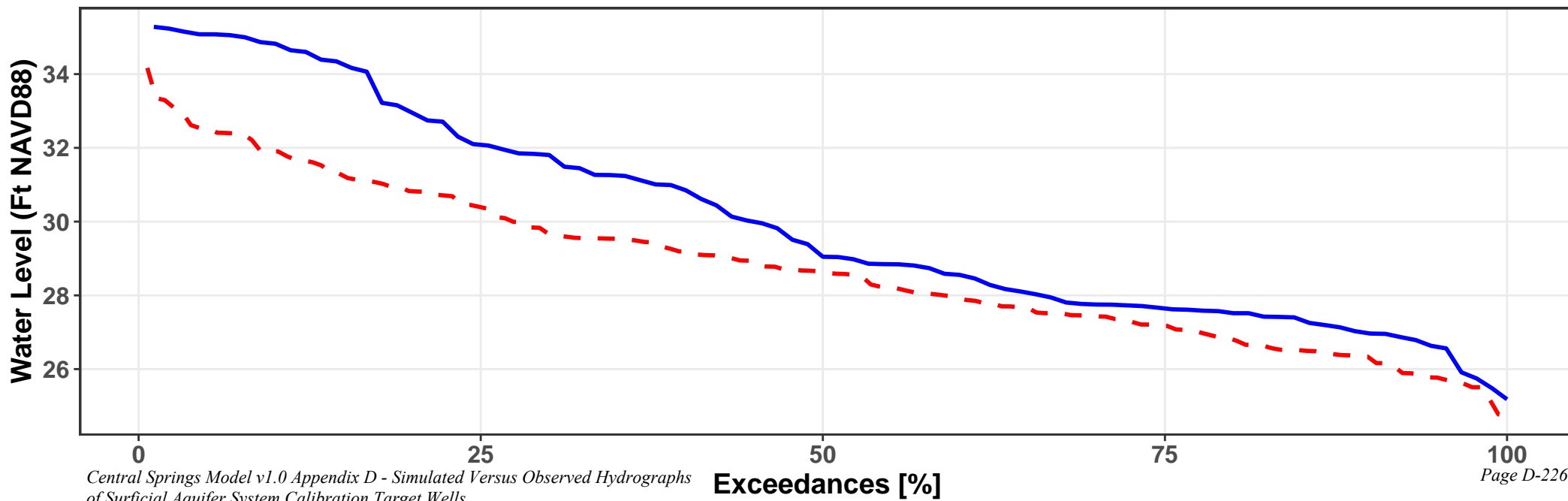
# V-1227 – SAS @ Coon Pd

ME = -1.5 MAE = 1.7  $R^2 = 0.843$  NSE = 0.515

— Observed — Simulated



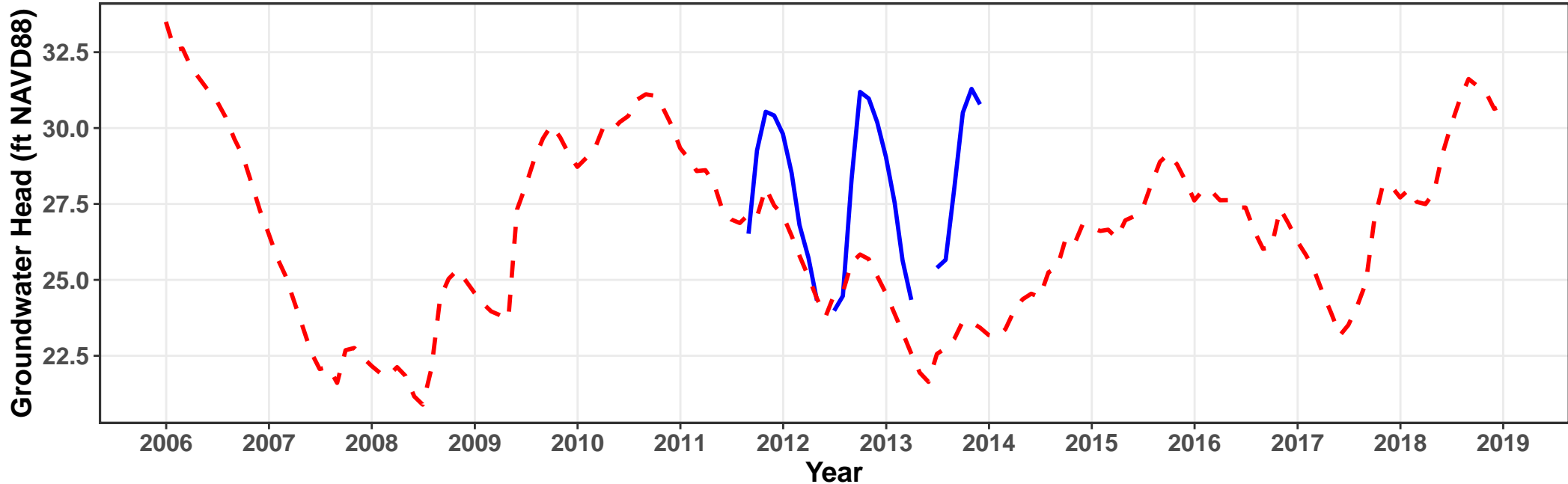
## Stage Duration Curve



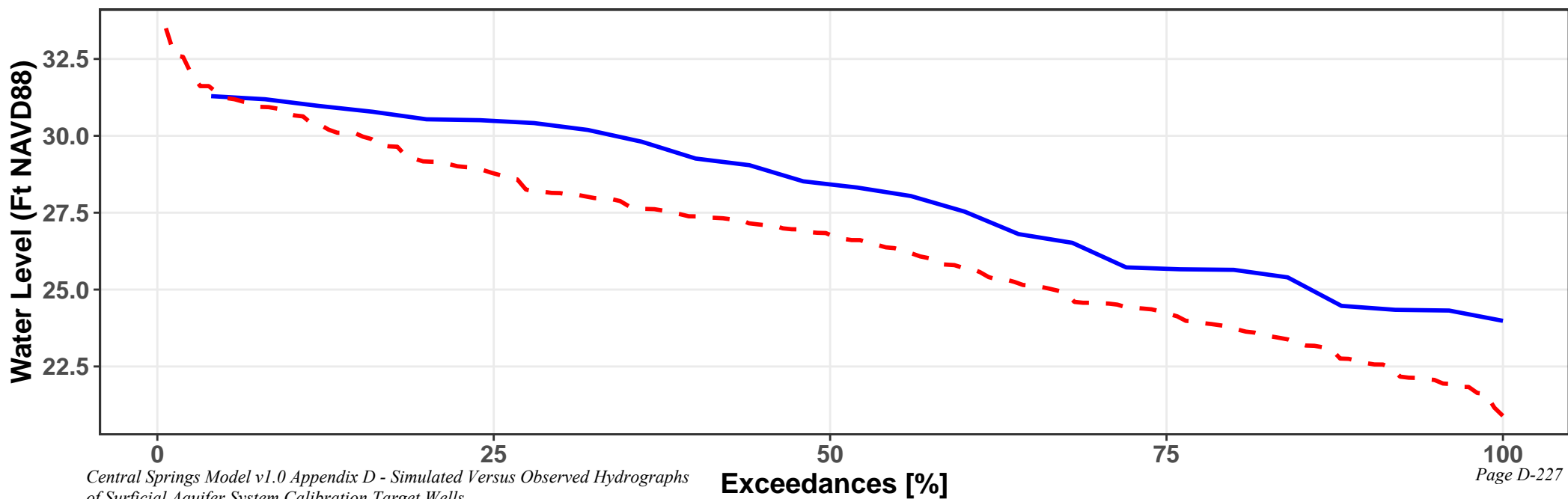
# V-1232 – SAS @ Tiger Bay CUP 5

ME = -3 MAE = 3.2  $R^2 = 0.1594$  NSE = -1.456

— Observed — Simulated



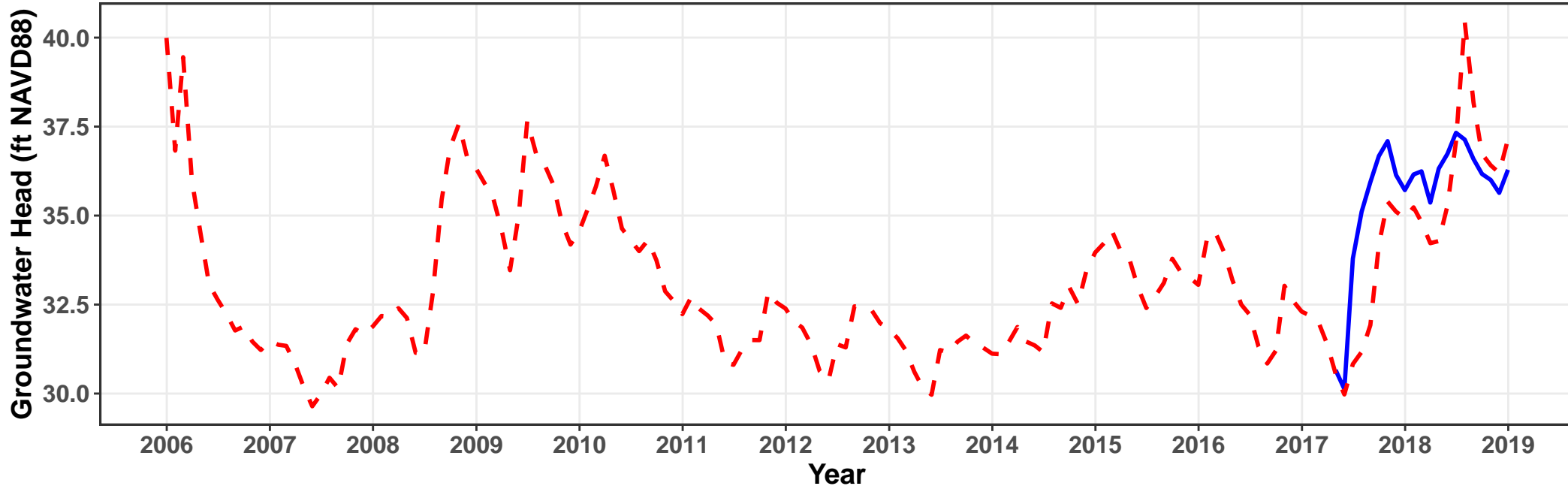
## Stage Duration Curve



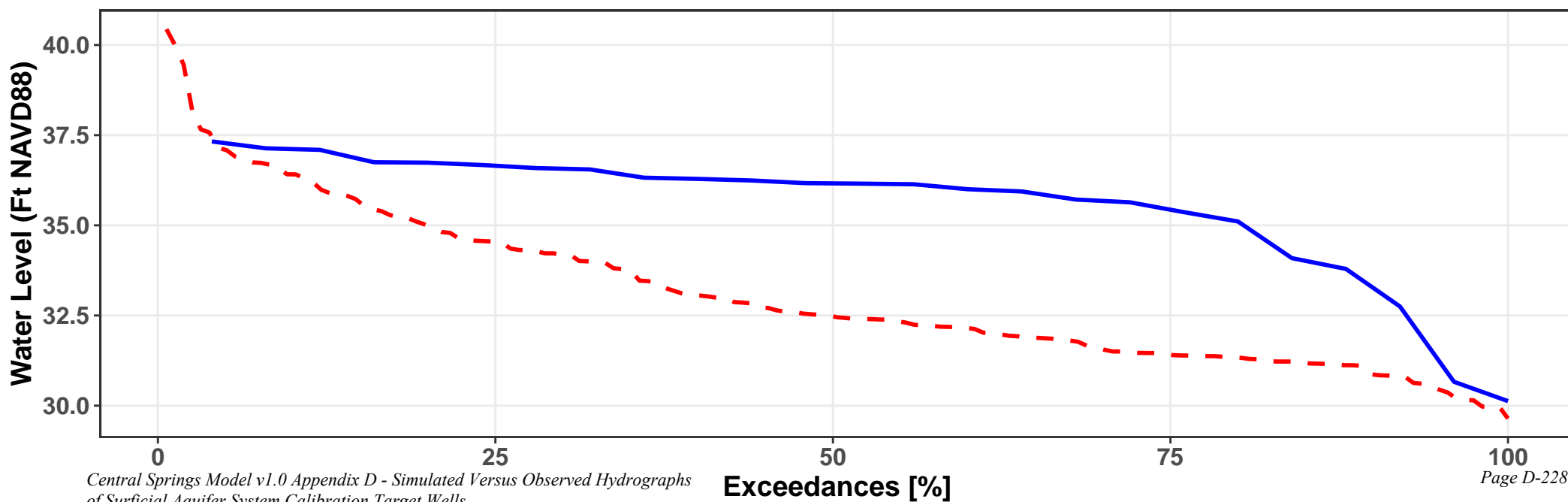
# V-1250 – SAS @ Kemcho Wells

ME = -1 MAE = 1.6  $R^2 = 0.5425$  NSE = -0.169

— Observed — Simulated



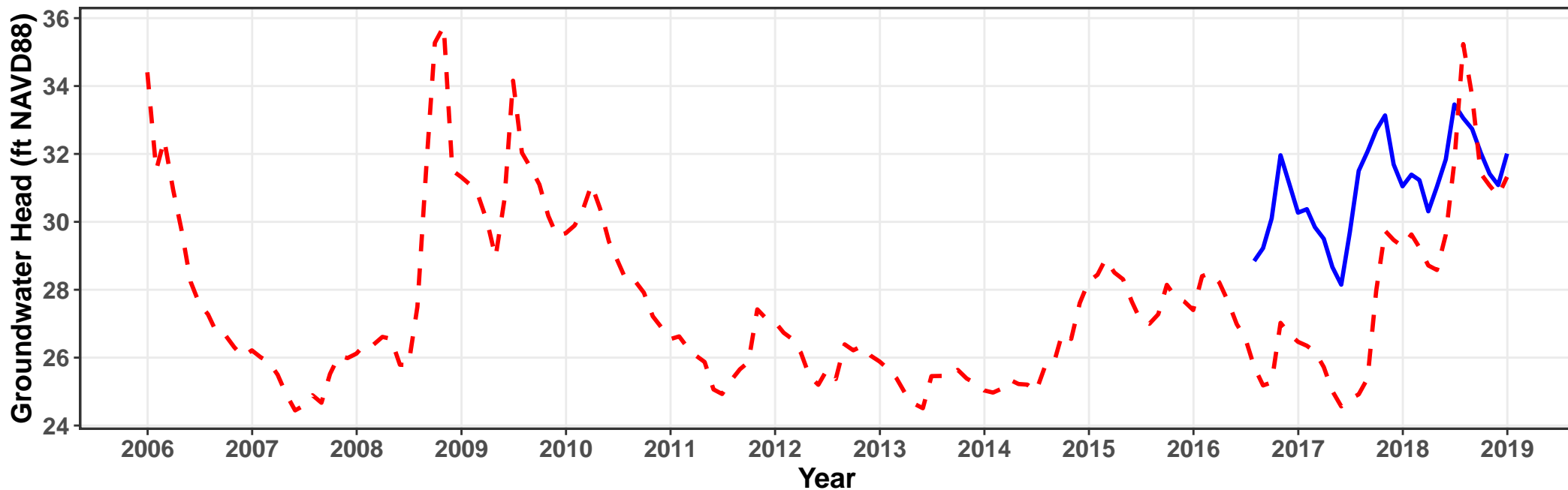
## Stage Duration Curve



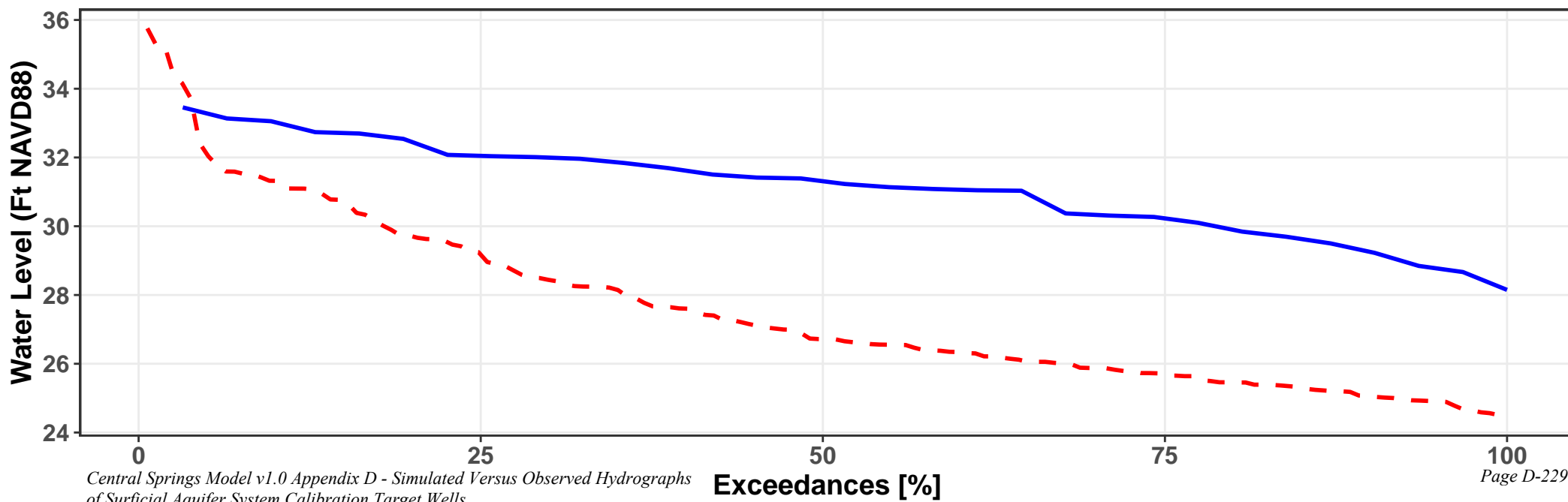
# V-1254 – SAS @ Wiregrass Preserve

ME = -2.9 MAE = 3.1  $R^2 = 0.5249$  NSE = -5.569

— Observed — Simulated



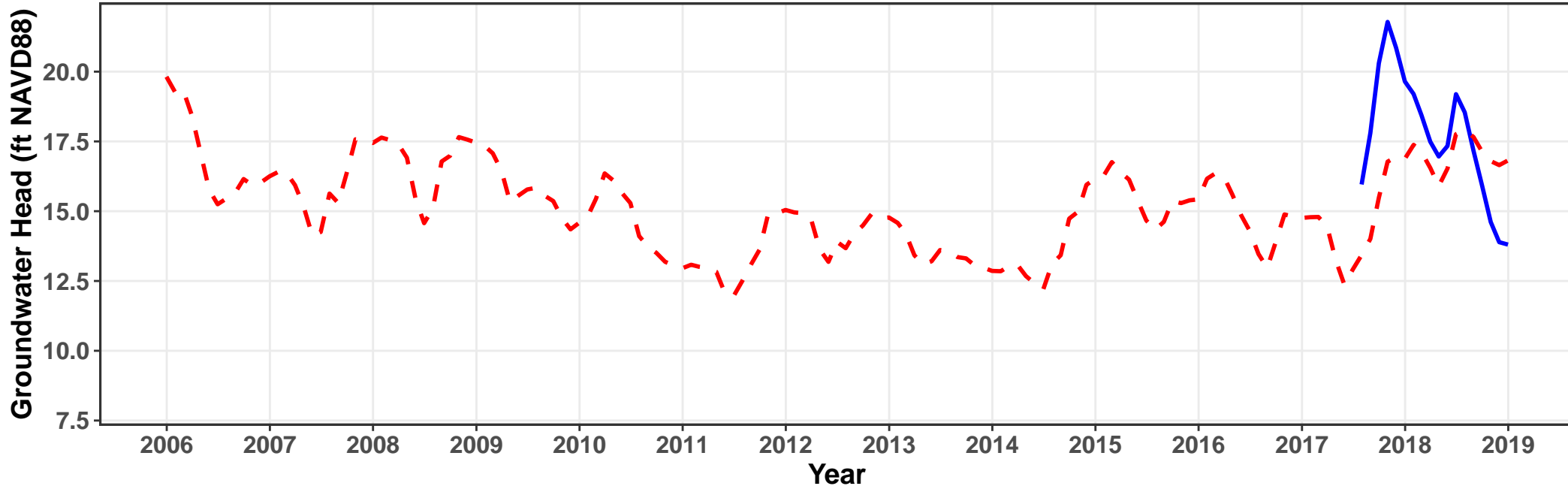
## Stage Duration Curve



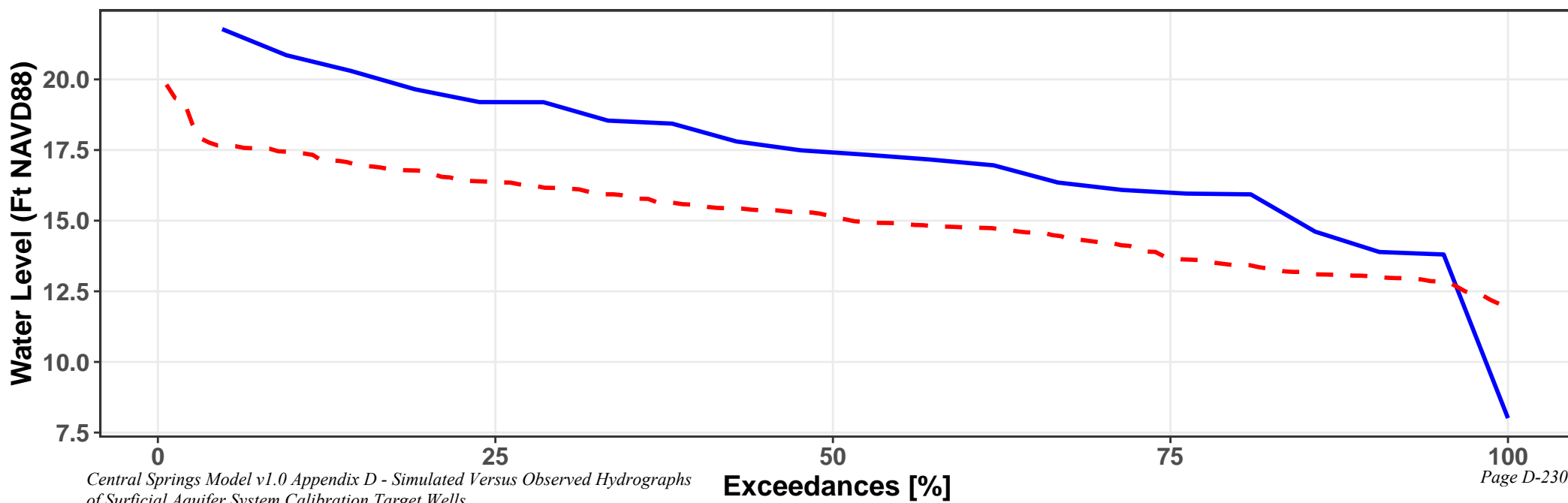
# V-1257 – SAS @ Turnbull Hammock

ME = -0.8 MAE = 2.5  $R^2 = 0.0296$  NSE = -0.108

— Observed — Simulated

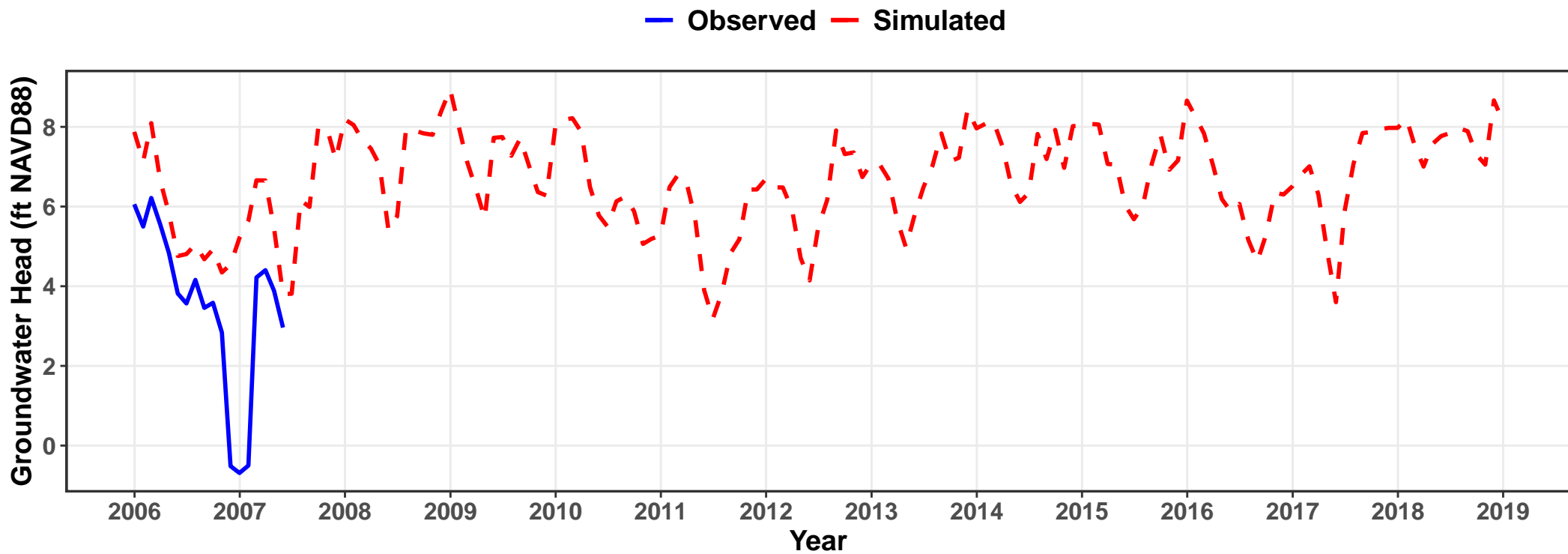


## Stage Duration Curve

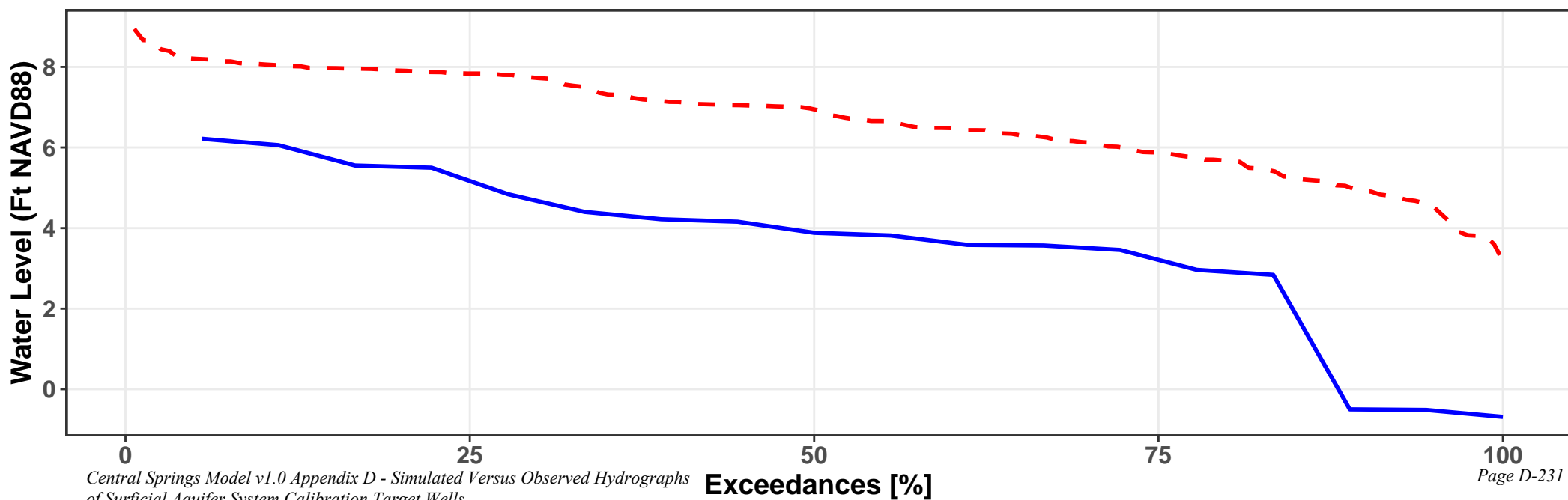


# V-4029 – SAS @ Lk George Barrs Rd

ME = 2.2 MAE = 2.2  $R^2 = 0.354$  NSE = -0.741



## Stage Duration Curve

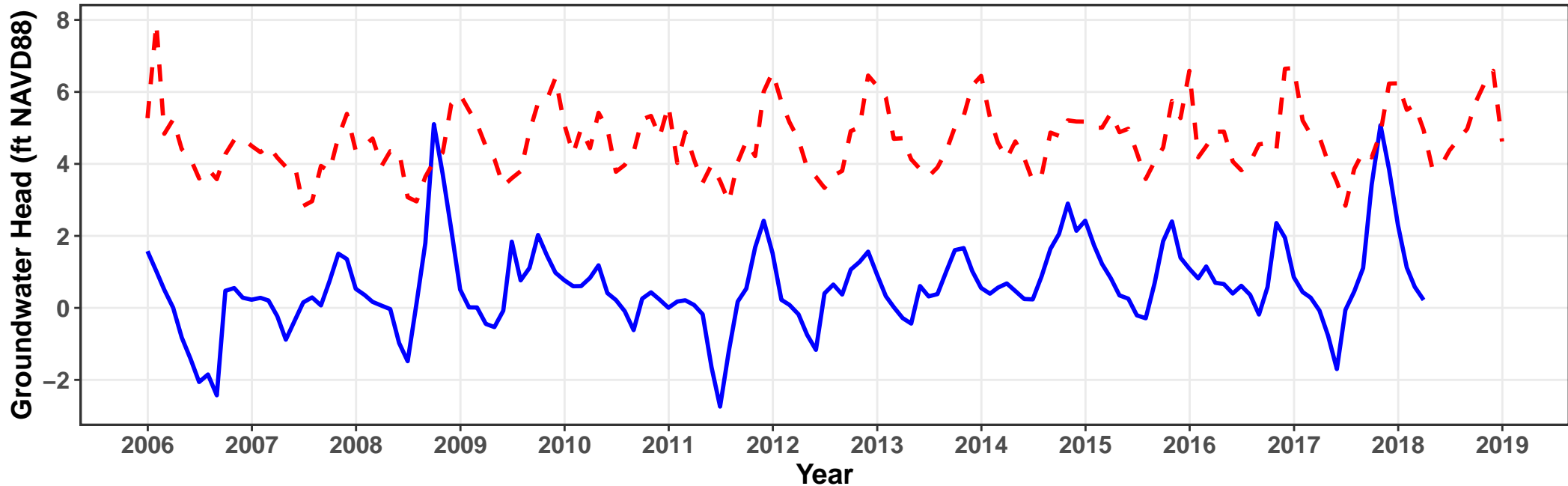




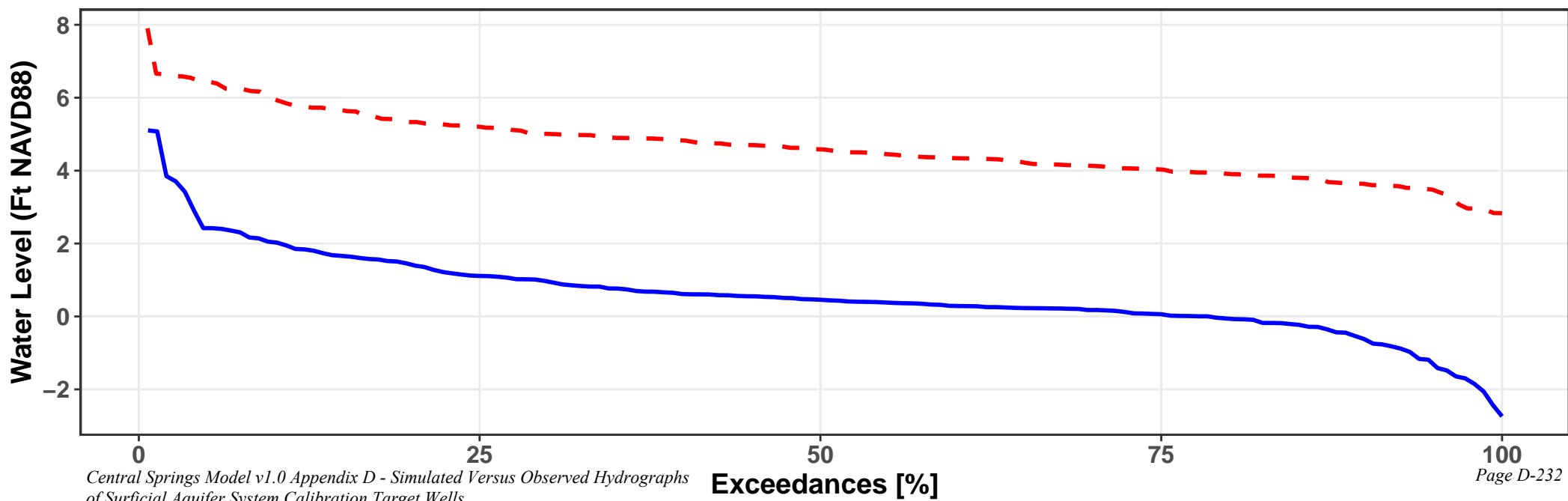
# V-4038 – SAS @ Pine Is Wells

ME = 4 MAE = 4.1  $R^2 = 0.1726$  NSE = -11.559

— Observed — Simulated



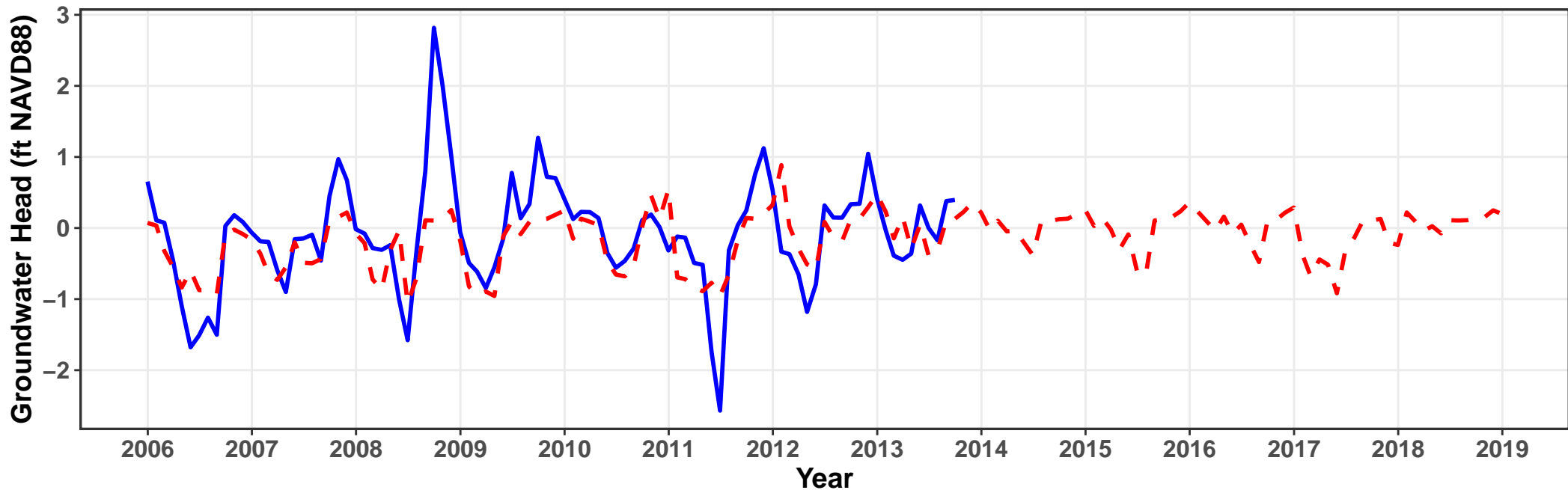
## Stage Duration Curve



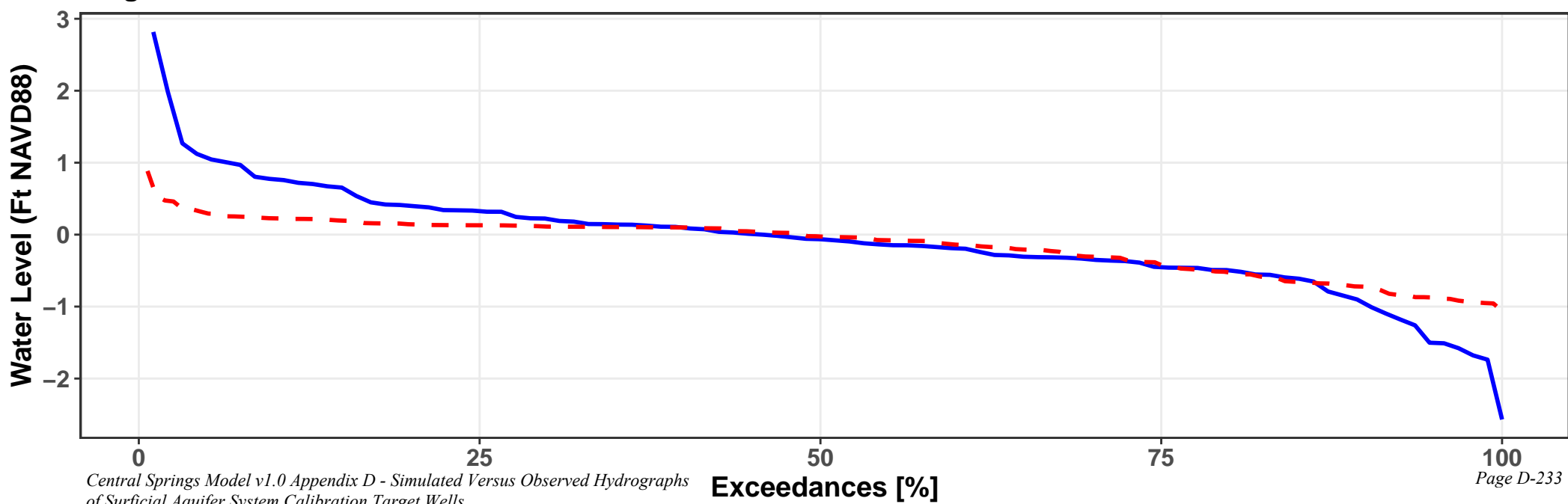
# V-4039 – SAS @ Dexter Point

ME = -0.1 MAE = 0.4  $R^2 = 0.4644$  NSE = 0.412

— Observed - - Simulated



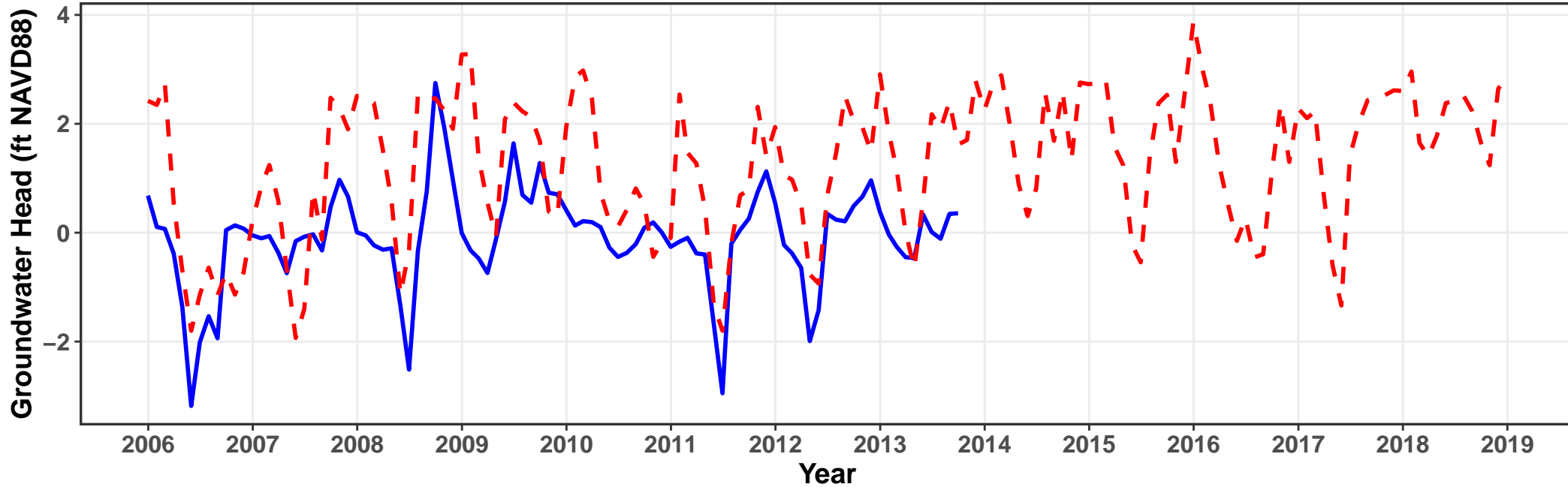
## Stage Duration Curve



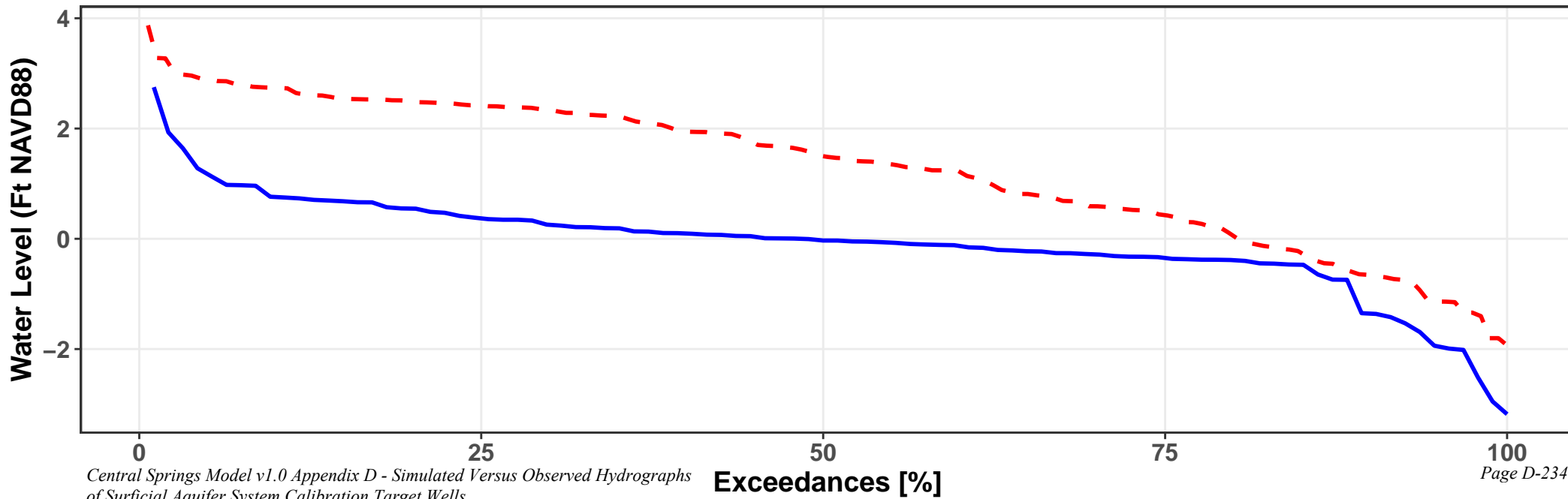
# V-4040 – SAS @ Dexter Point

ME = 1.1 MAE = 1.2  $R^2 = 0.4049$  NSE = -1.677

— Observed — Simulated



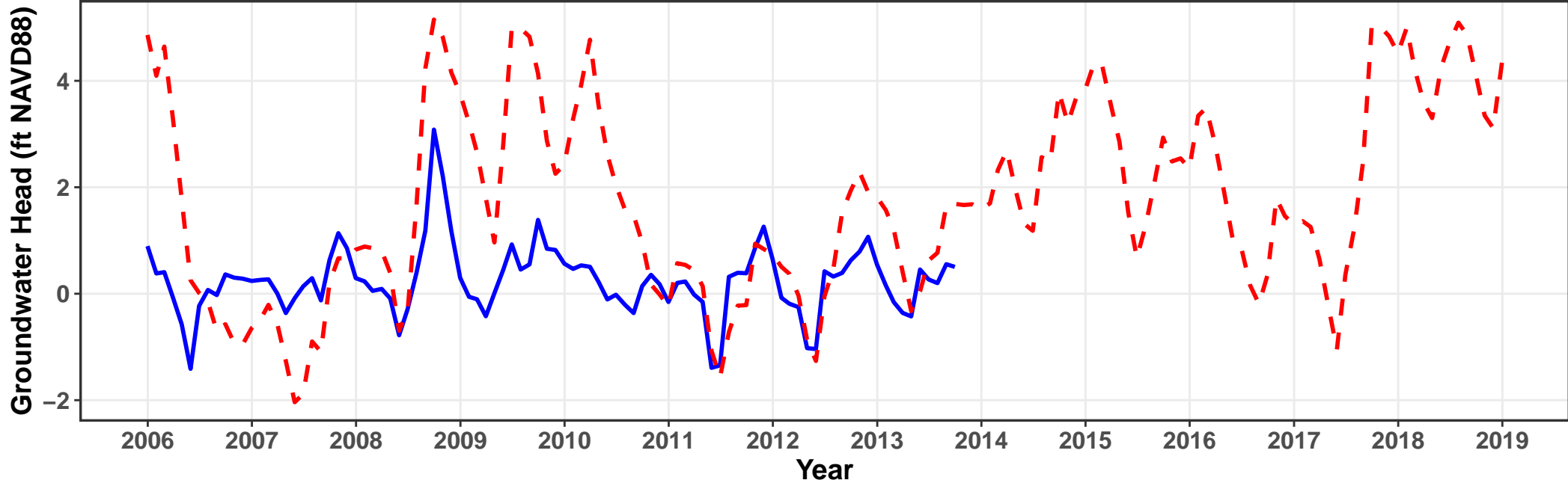
## Stage Duration Curve



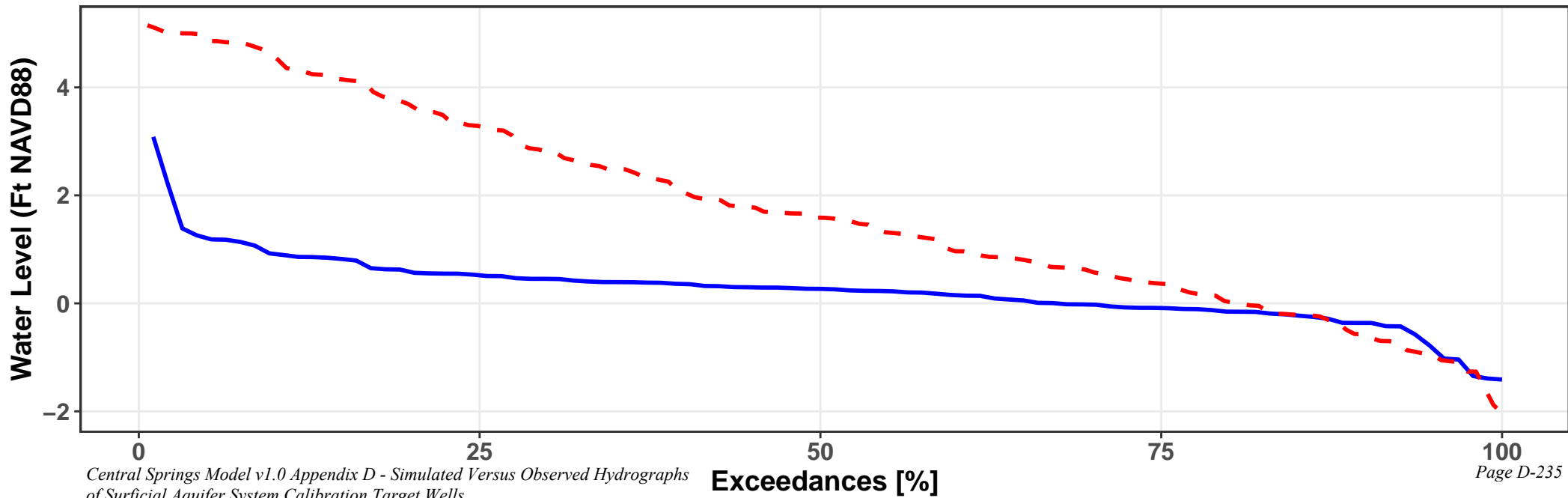
# V-4041 – SAS @ Tick Is

ME = 1 MAE = 1.4  $R^2 = 0.3126$  NSE = -7.067

— Observed — Simulated



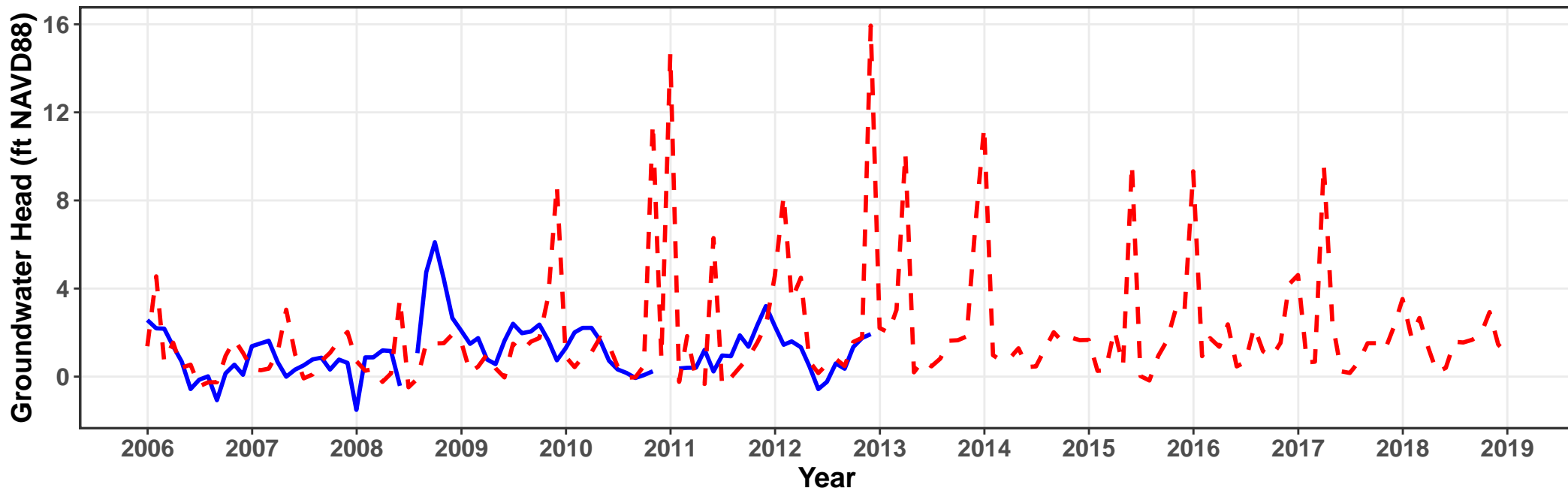
## Stage Duration Curve



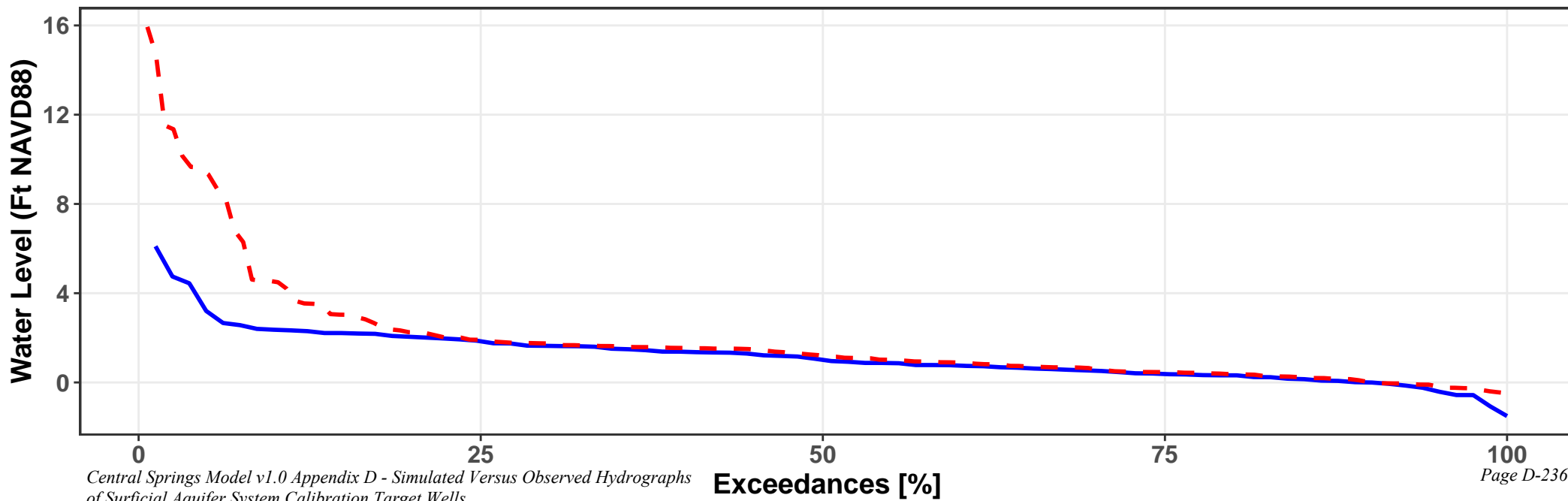
# V-4043 – SAS @ Lk Monroe Wells

ME = 0.4 MAE = 1.6  $R^2 = 0.0125$  NSE = -4.341

— Observed — Simulated



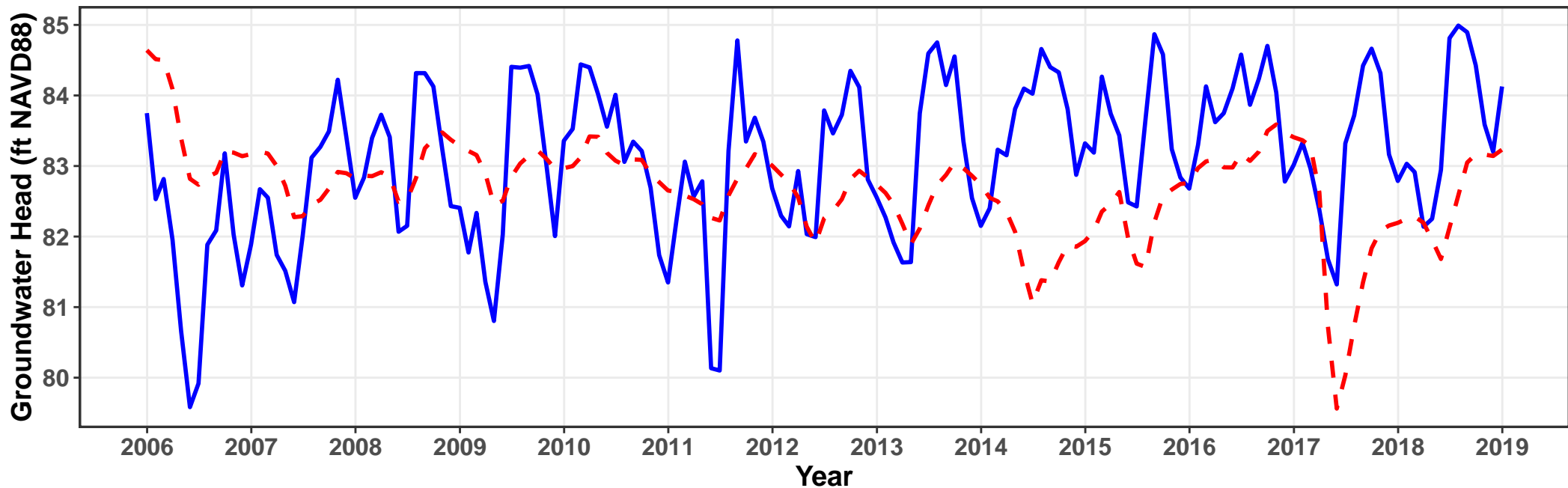
## Stage Duration Curve



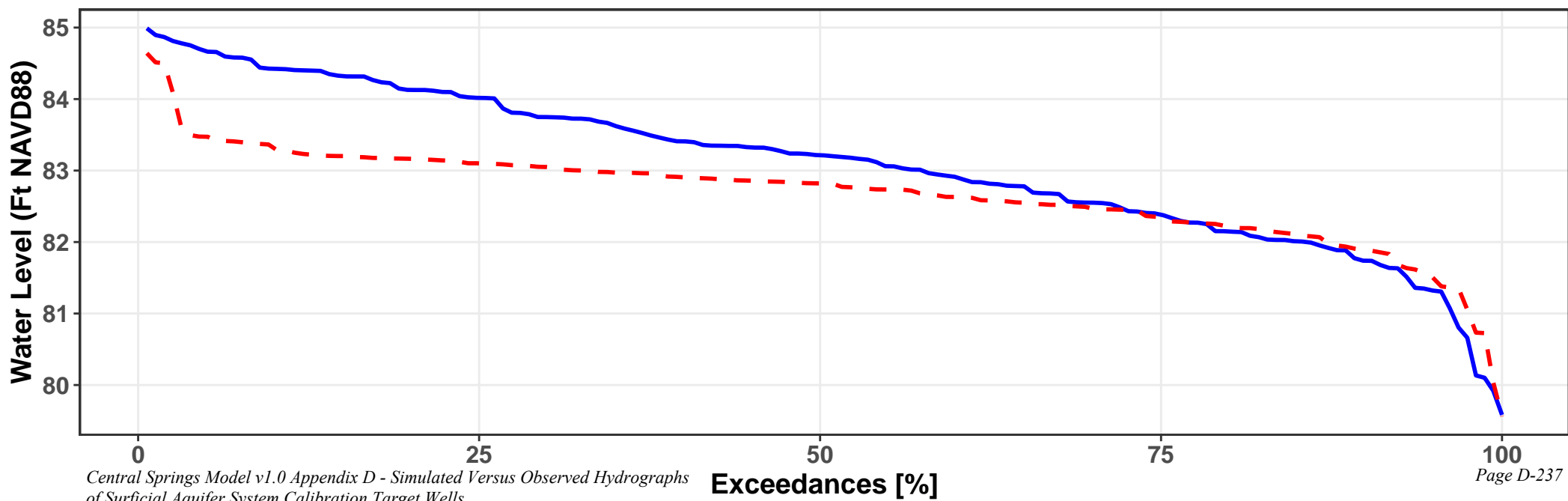
# AIR19W1 @ PT636

ME = -0.4 MAE = 1.1  $R^2 = 0.0023$  NSE = -0.489

— Observed - - Simulated



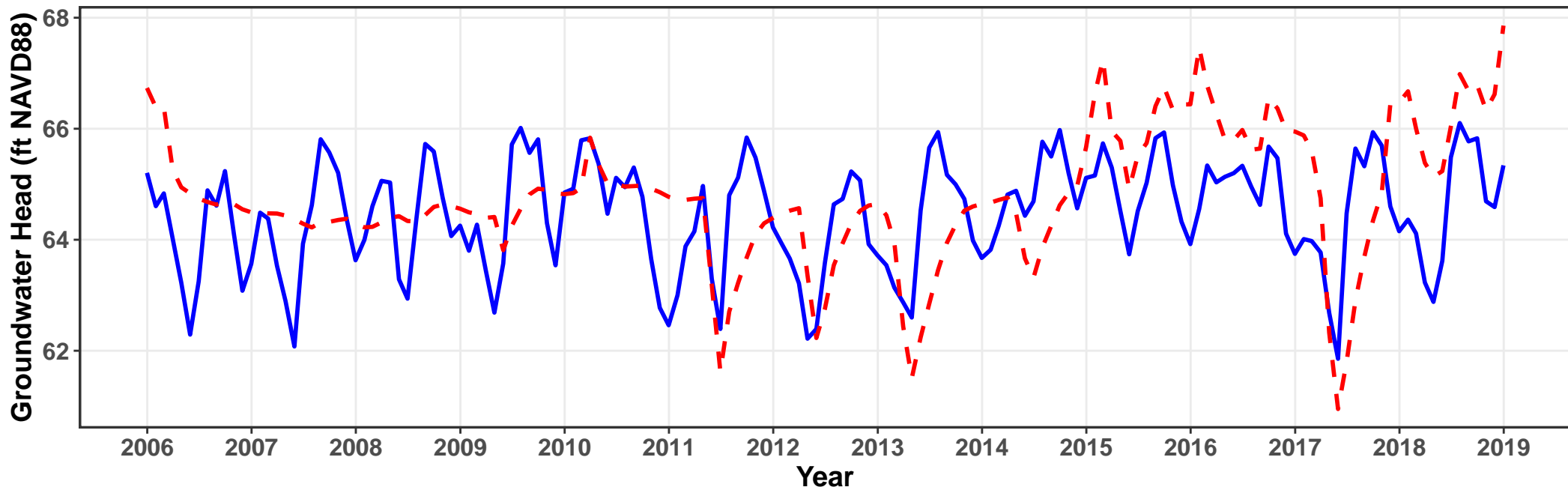
## Stage Duration Curve



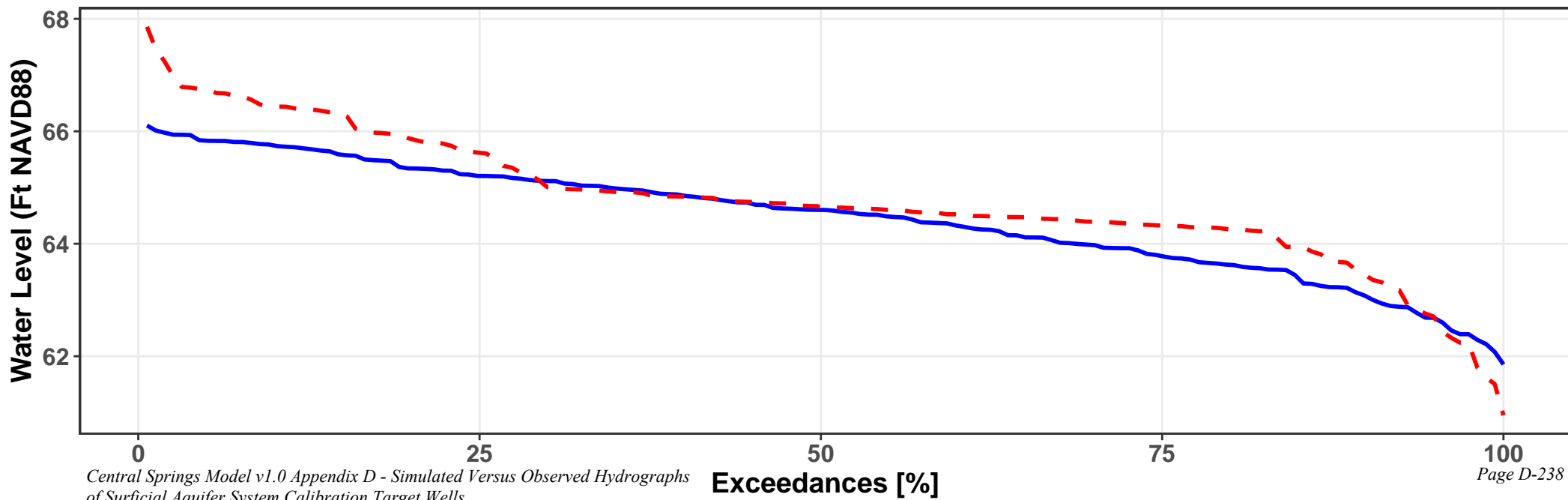
# IC-SAS @ PS965

ME = 0.3 MAE = 1.1  $R^2 = 0.1286$  NSE = -0.694

— Observed - - Simulated



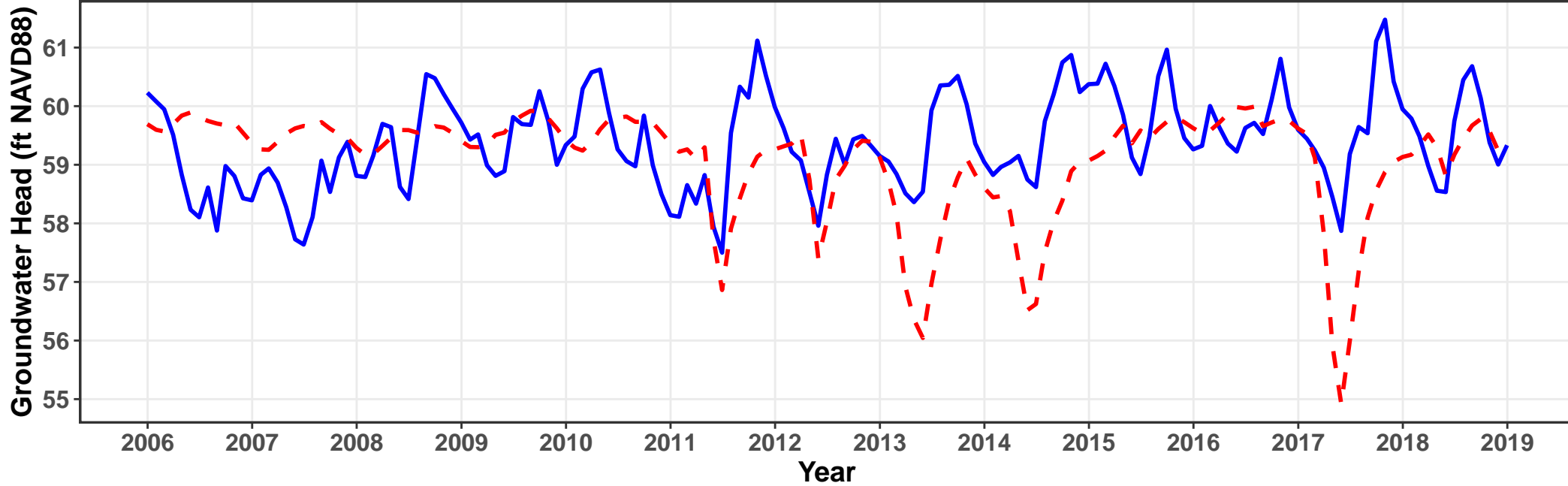
## Stage Duration Curve



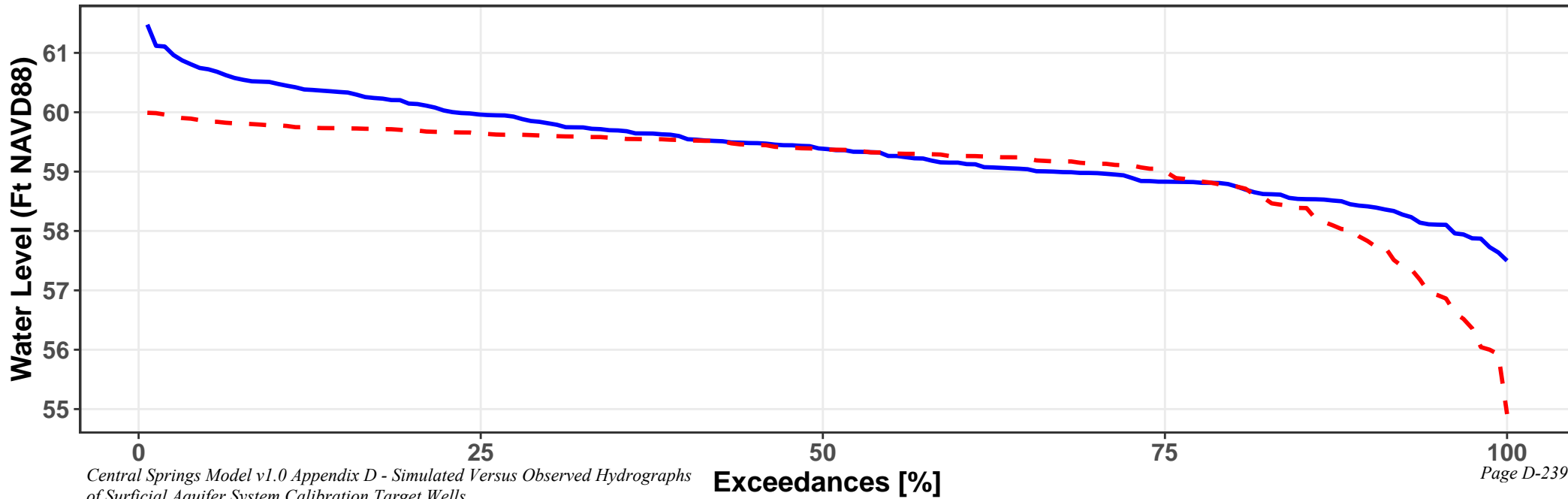
# MOSSPK\_S @ PS975

ME = -0.3 MAE = 0.9  $R^2 = 0.0456$  NSE = -1.017

— Observed - - Simulated



## Stage Duration Curve

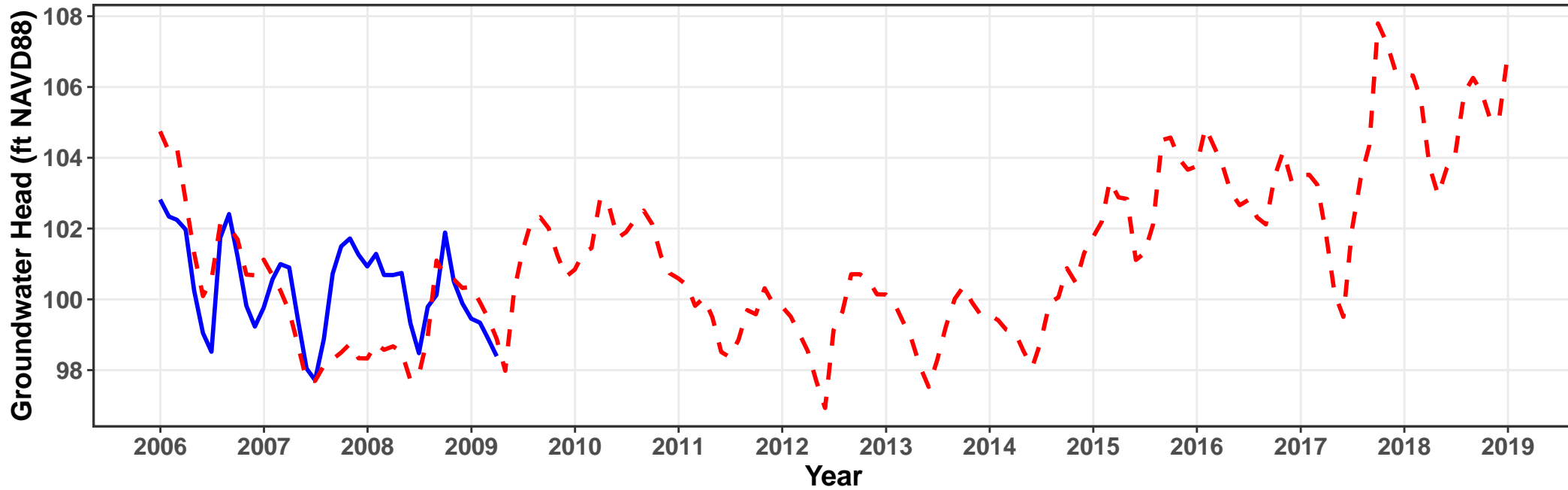




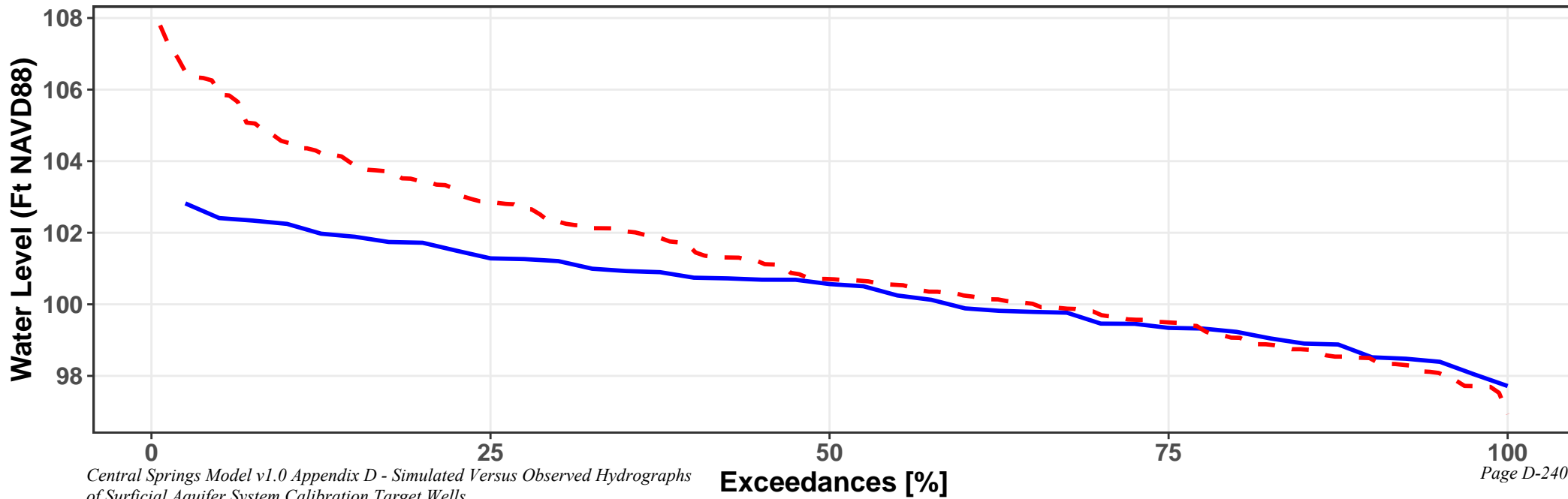
# ORS-0029 @ RY938

ME = -0.3 MAE = 1.3  $R^2 = 0.3363$  NSE = -0.398

— Observed — Simulated



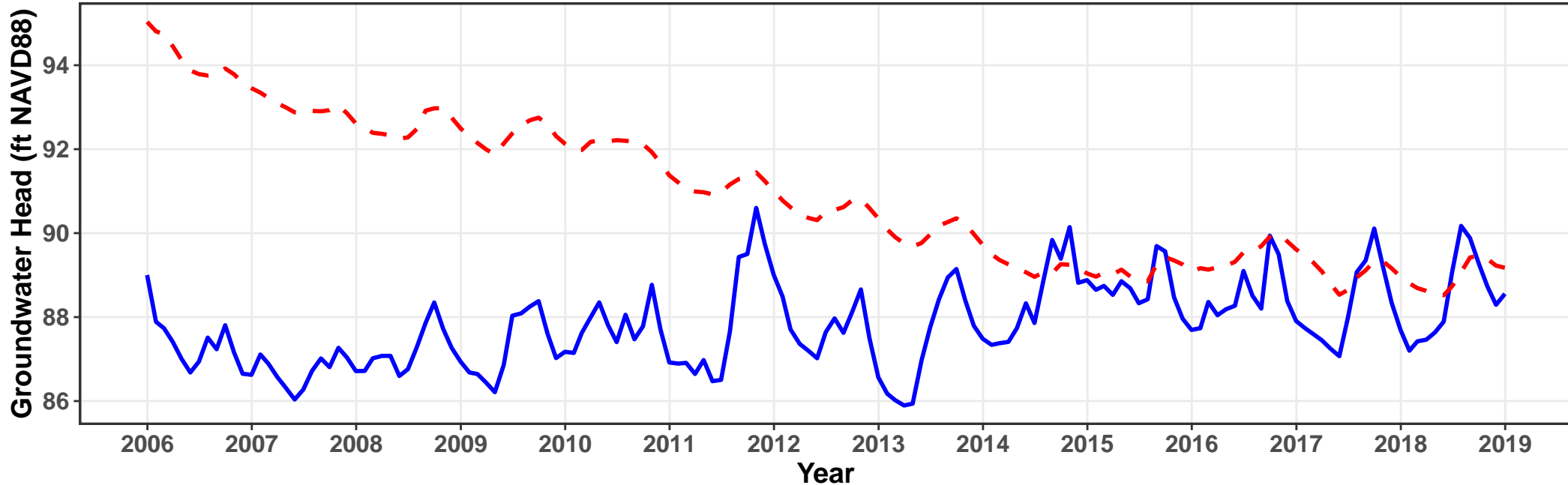
## Stage Duration Curve



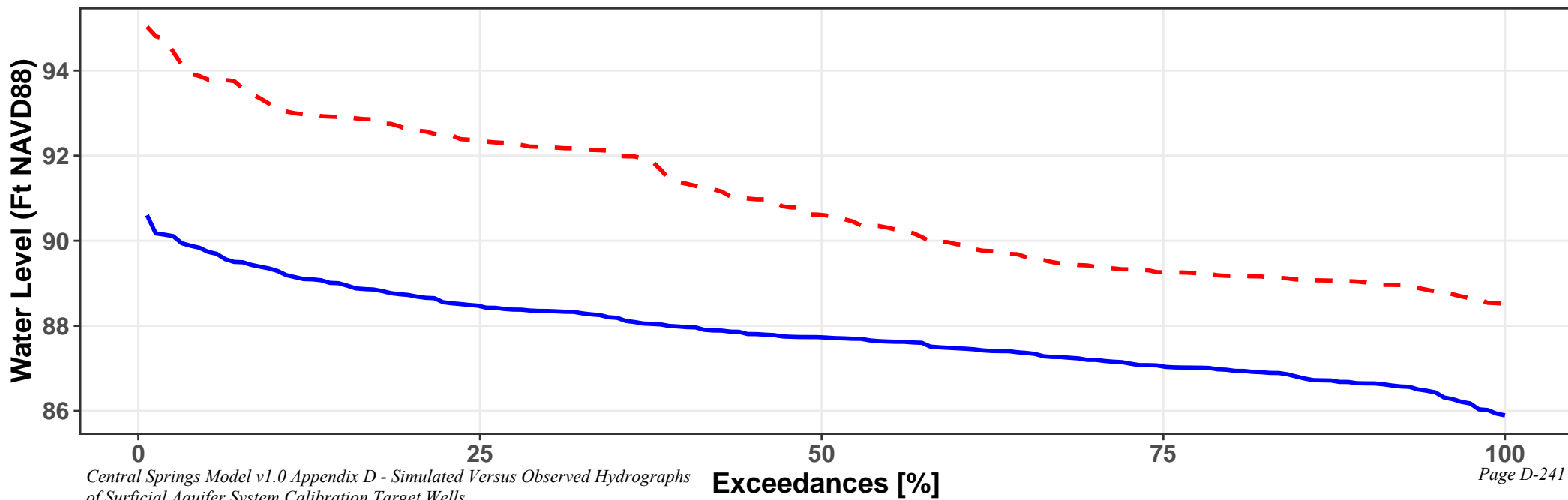
# ORS-1 @ PT640

ME = 3.1 MAE = 3.1  $R^2 = 0.1696$  NSE = -13.751

— Observed — Simulated



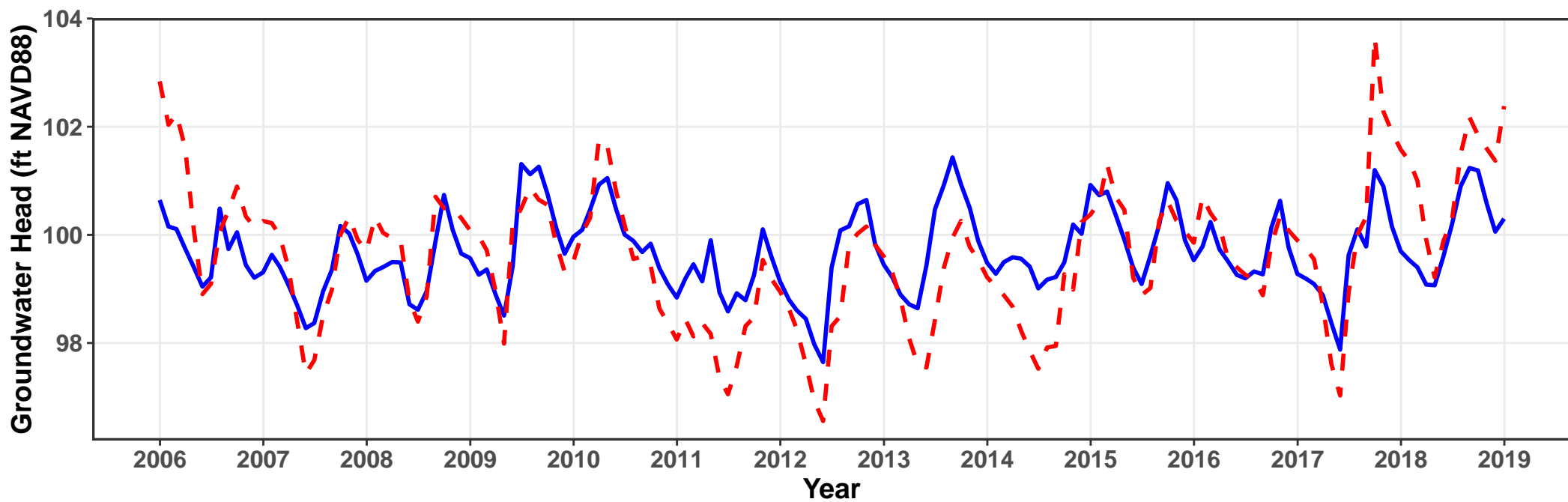
## Stage Duration Curve



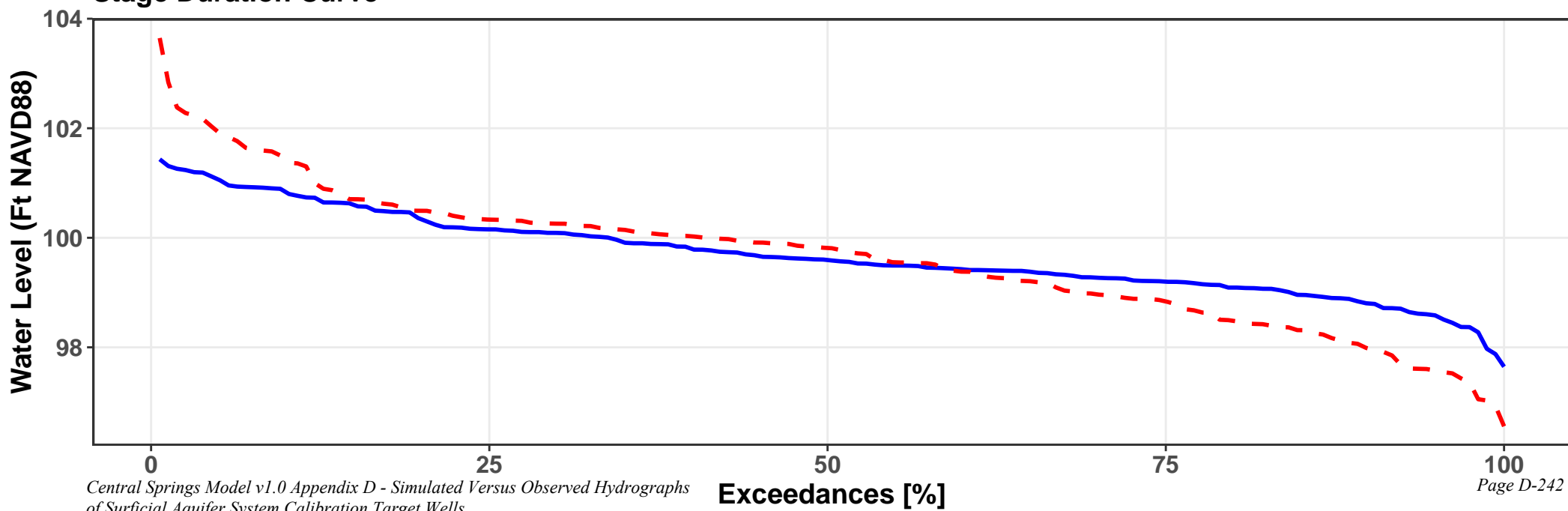
# ORS-3 @ SC377

ME = -0 MAE = 0.7  $R^2 = 0.5596$  NSE = -0.328

— Observed - - Simulated



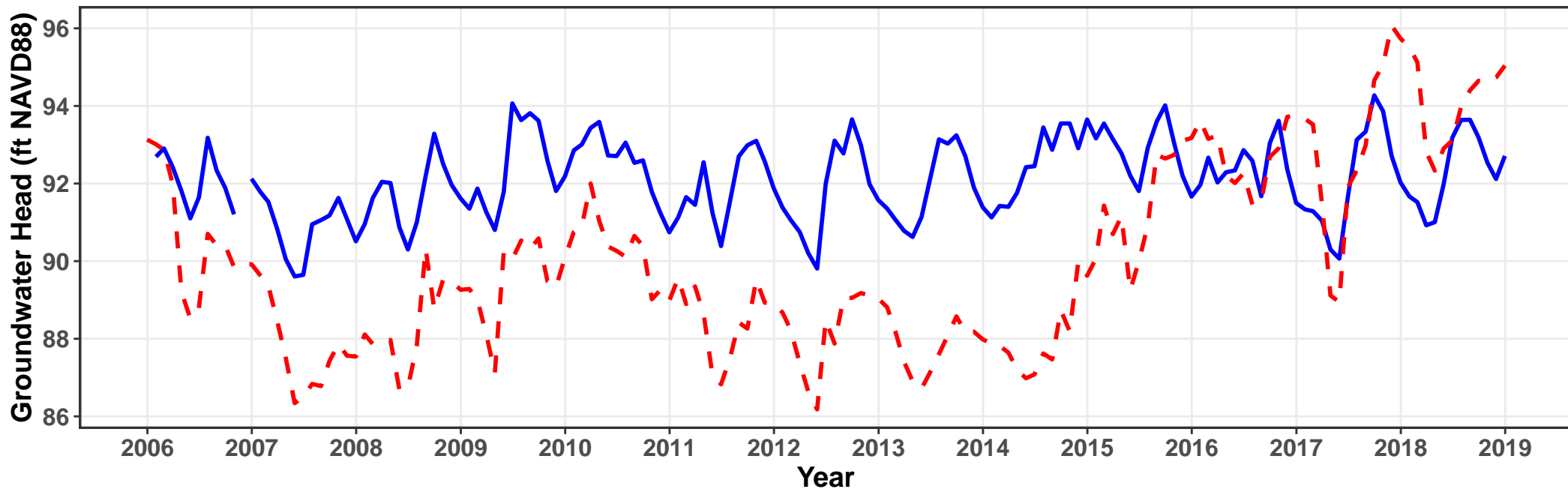
## Stage Duration Curve



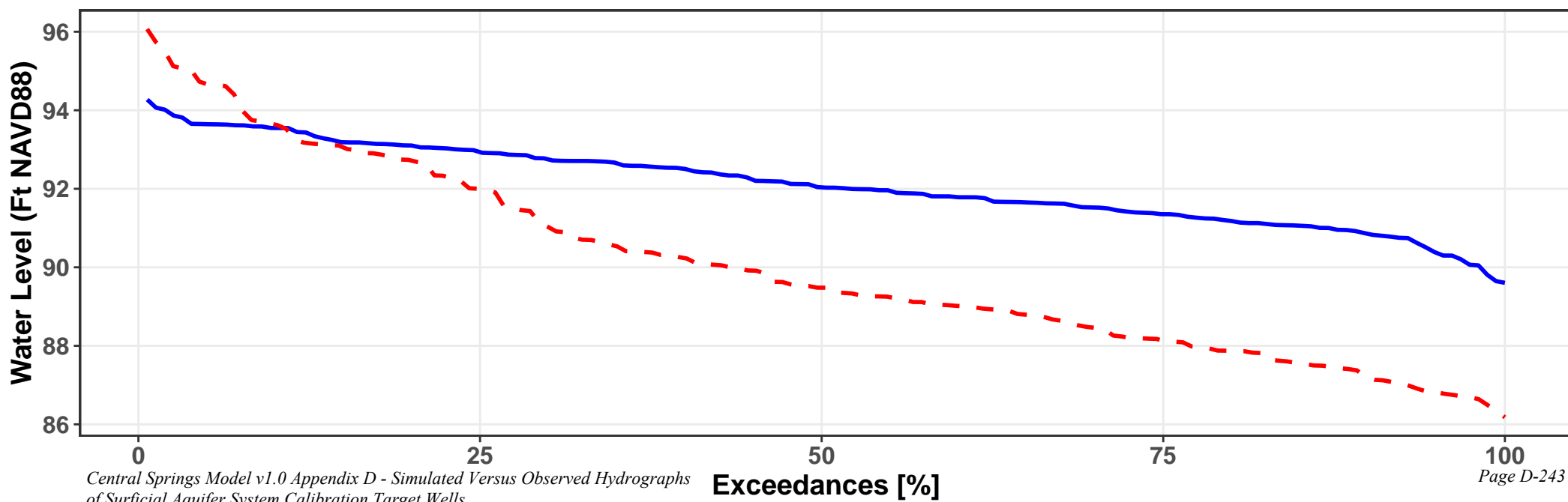
# ORS-4 @ TO067

ME = -2.1 MAE = 2.7  $R^2 = 0.203$  NSE = -7.665

— Observed - - Simulated



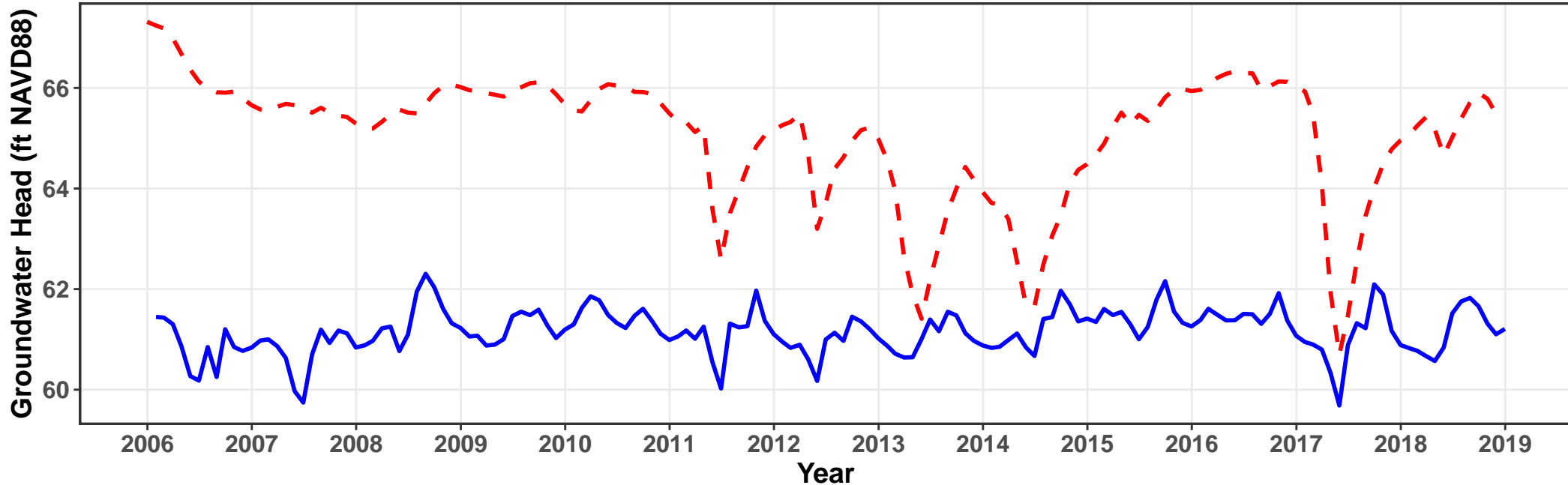
## Stage Duration Curve



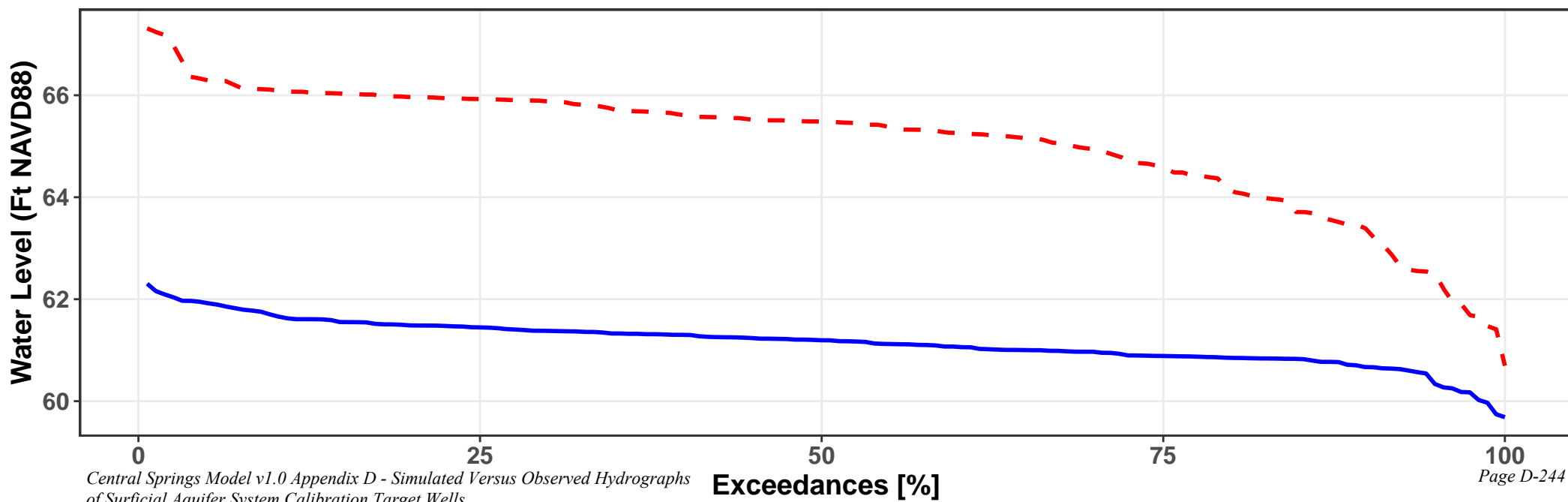
# ORS-5 @ TO063

ME = 3.9 MAE = 3.9  $R^2 = 0.0762$  NSE = -83.1

— Observed — Simulated



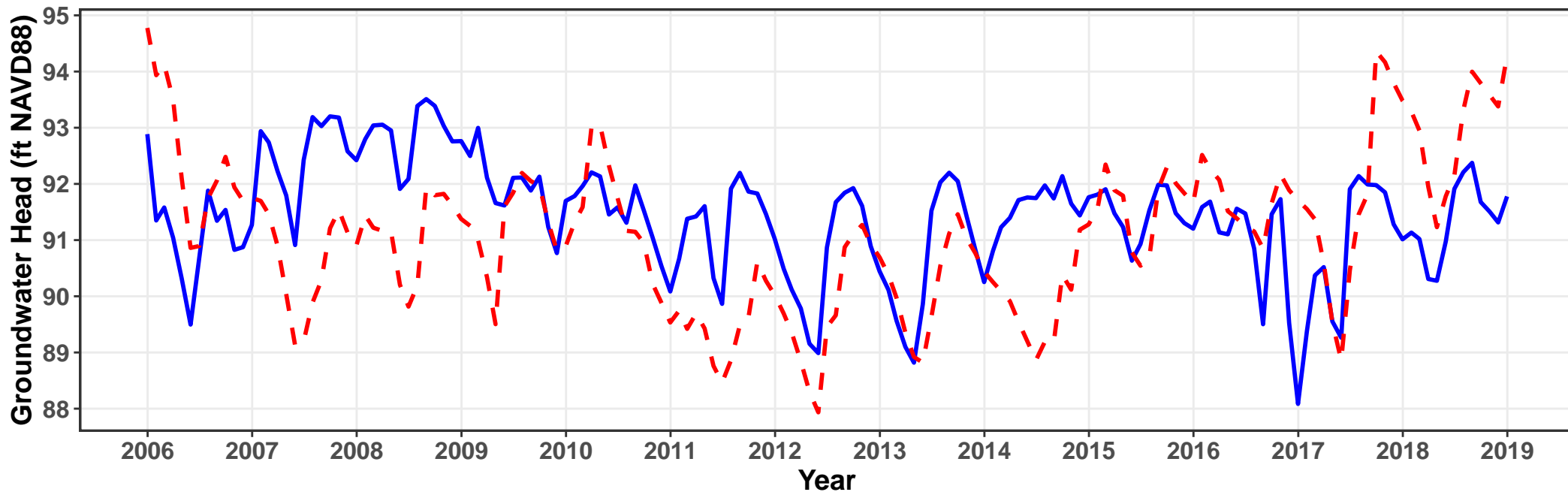
## Stage Duration Curve



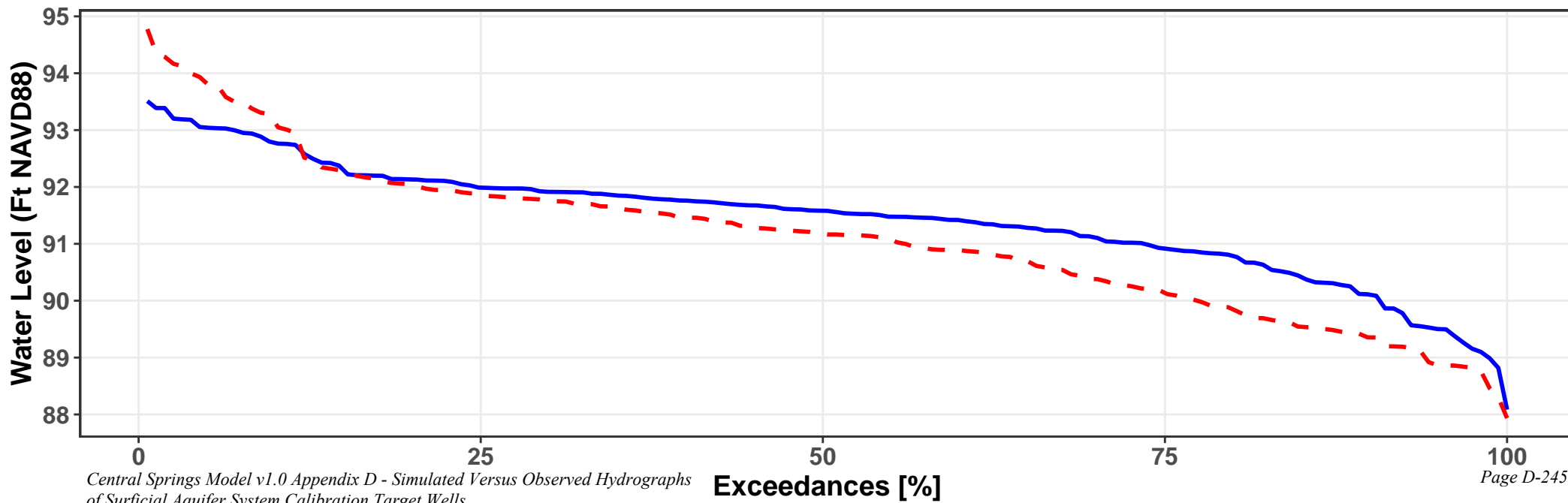
# ORS-6 @ TN556

ME = -0.3 MAE = 1.2  $R^2 = 0.0918$  NSE = -1.145

— Observed - - Simulated



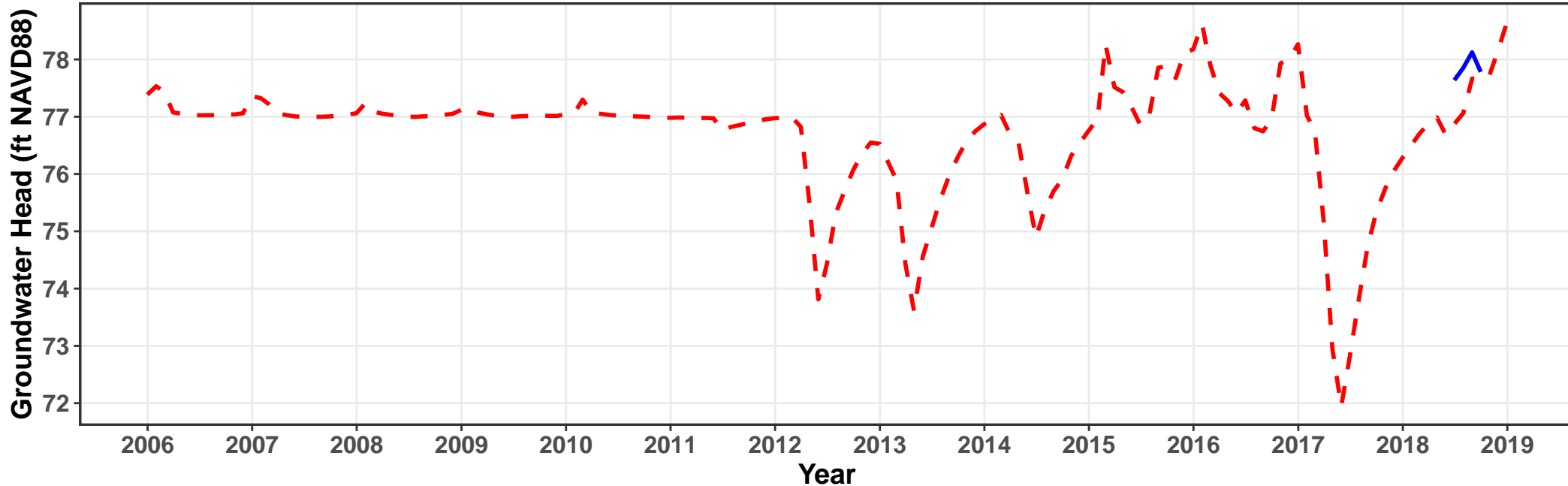
## Stage Duration Curve



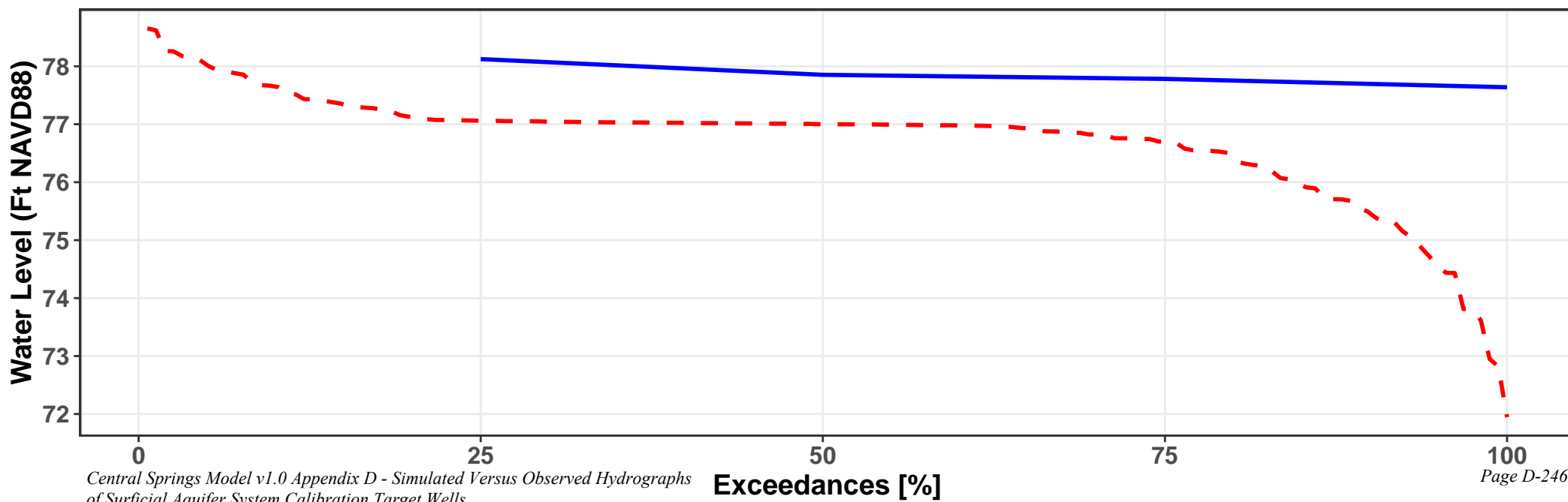
# ORS-8 @ AO592

ME = -0.5 MAE = 0.5  $R^2 = 0.4577$  NSE = -10.524

— Observed — Simulated



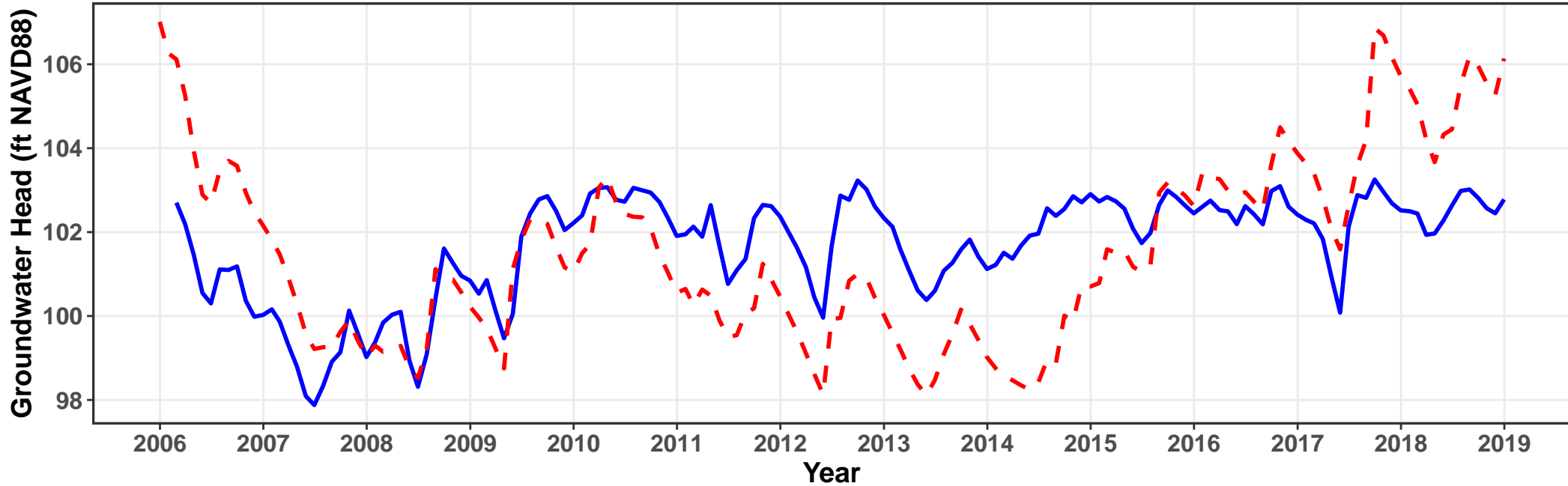
## Stage Duration Curve



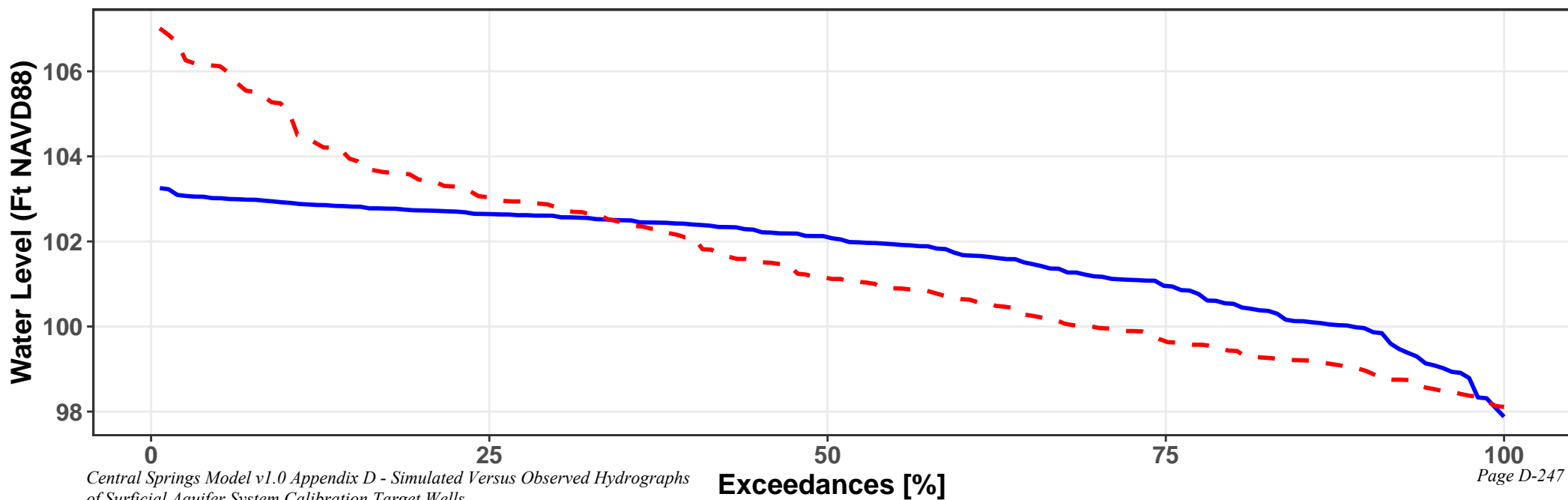
# OSS-102 @ TP348

ME = -0.2 MAE = 1.6  $R^2 = 0.2848$  NSE = -1.135

— Observed - - Simulated



## Stage Duration Curve

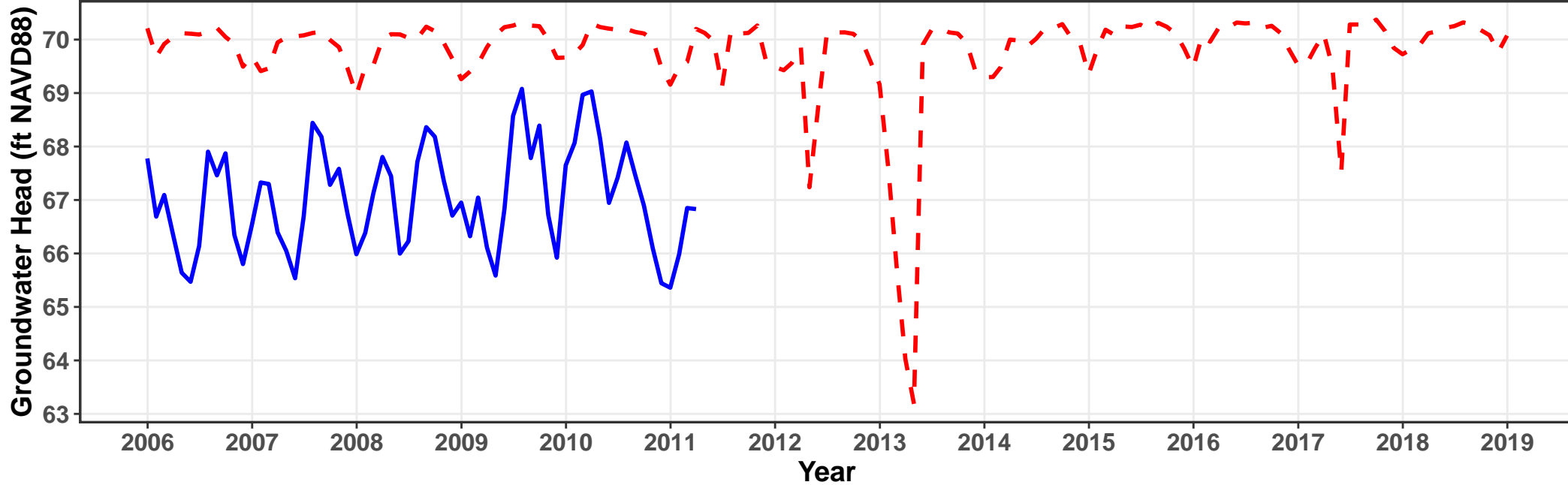




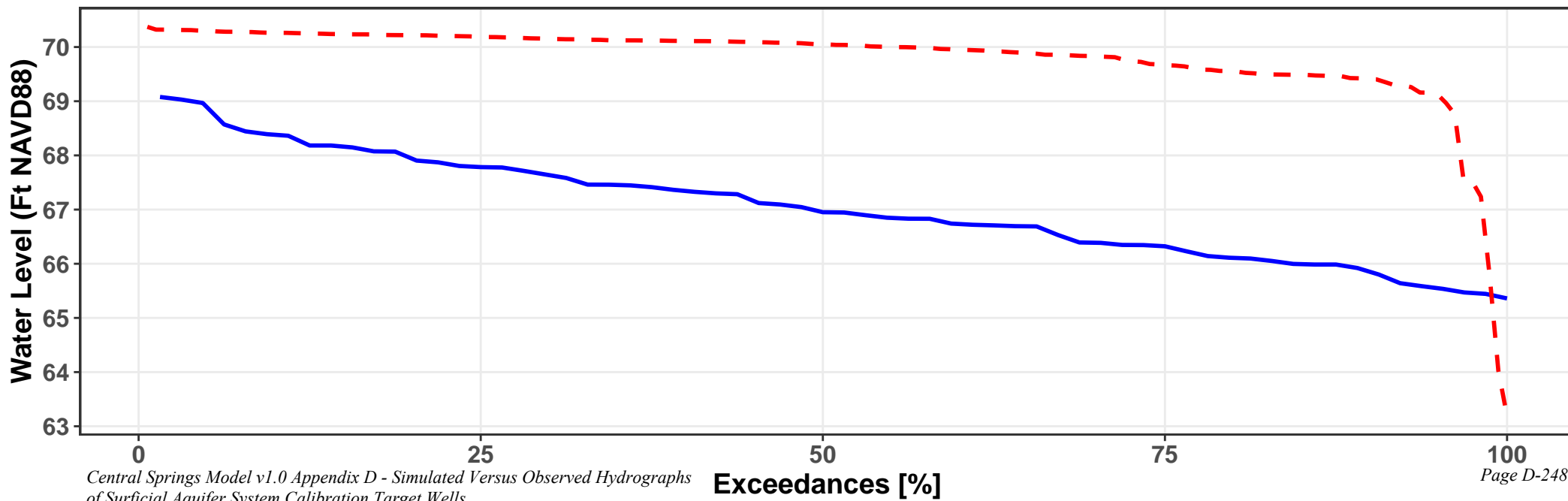
# OSS-71 @ PS979

ME = 2.9 MAE = 2.9  $R^2 = 0.193$  NSE = -8.814

— Observed - - Simulated



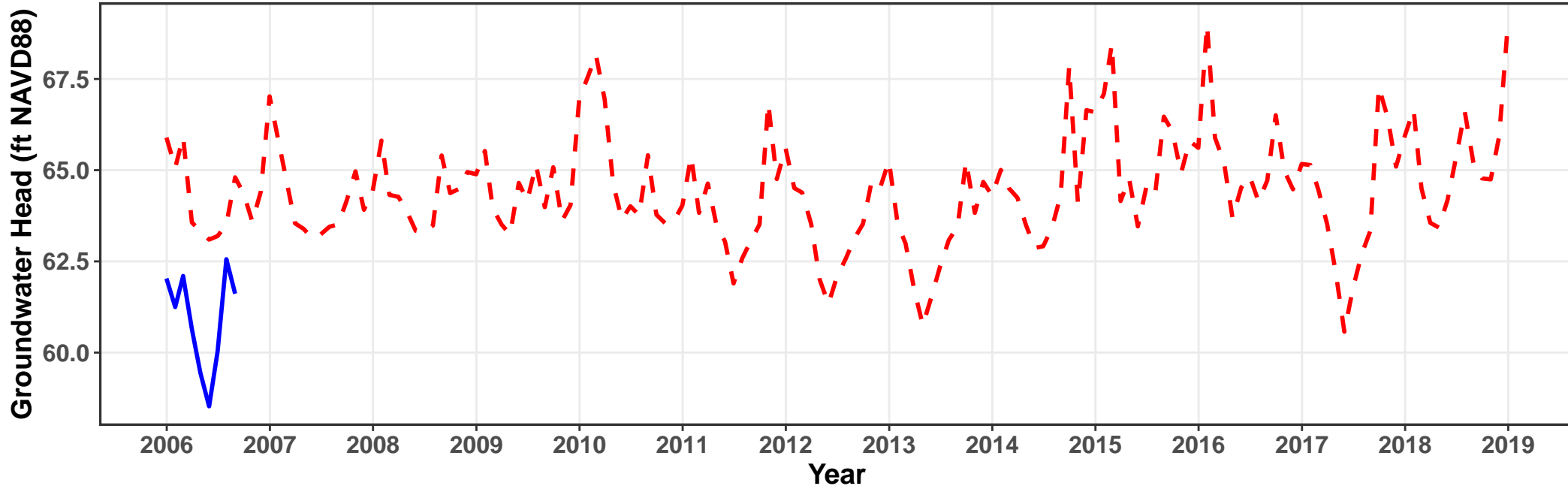
## Stage Duration Curve



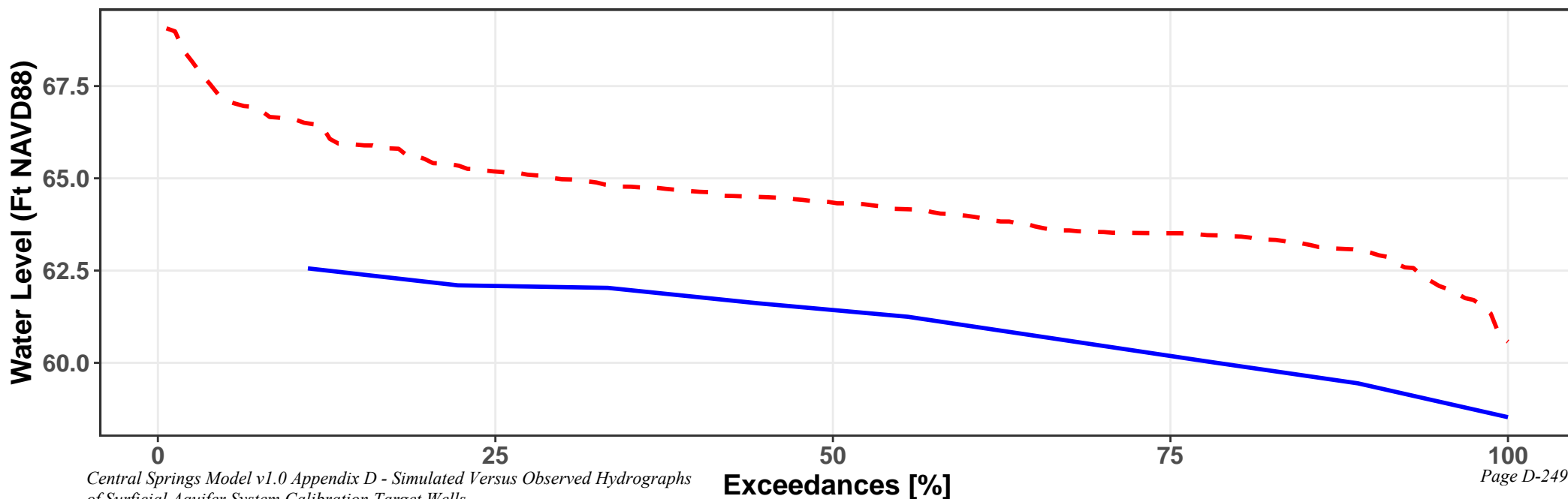
# POINCI @ TA341

ME = 3.4 MAE = 3.4  $R^2 = 0.4566$  NSE = -6.475

— Observed — Simulated



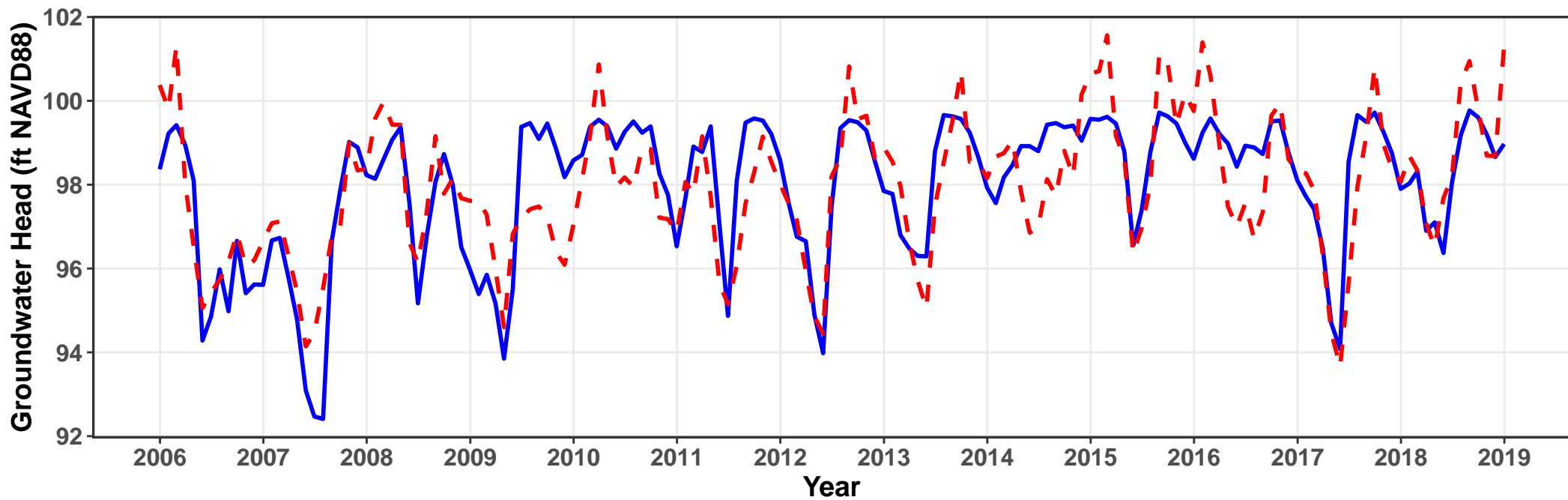
## Stage Duration Curve



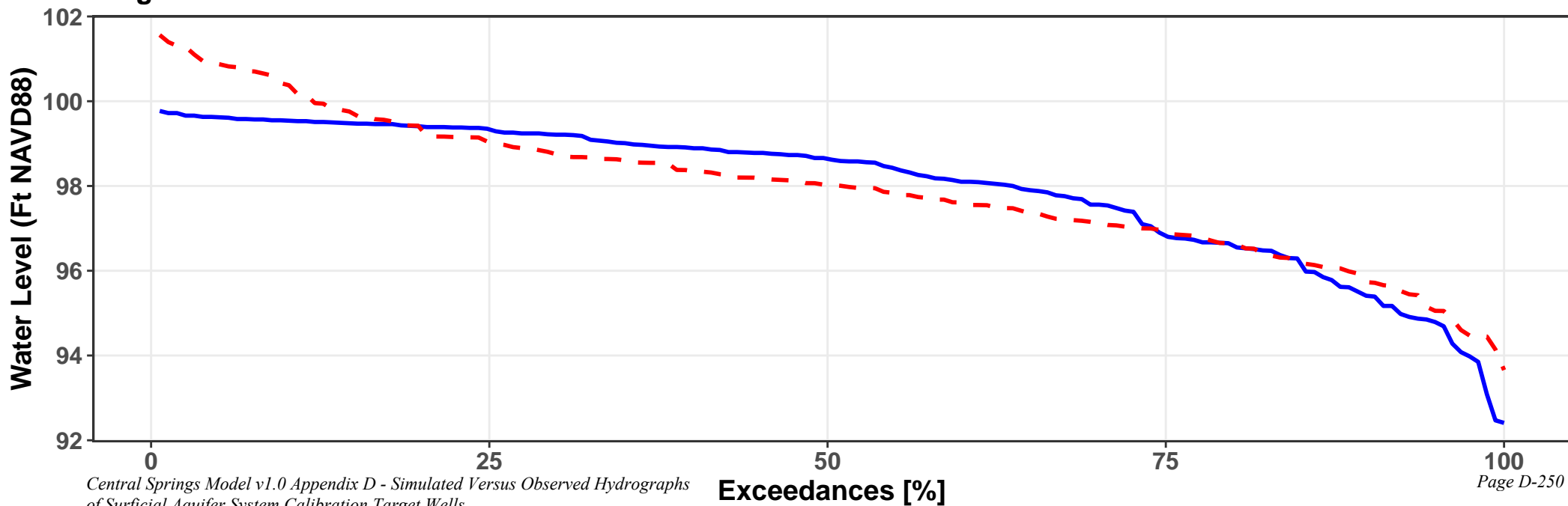
# SID17501 @ Green Swamp 2 Wetland Surf

ME = -0 MAE = 0.9  $R^2 = 0.5998$  NSE = 0.551

— Observed - - Simulated



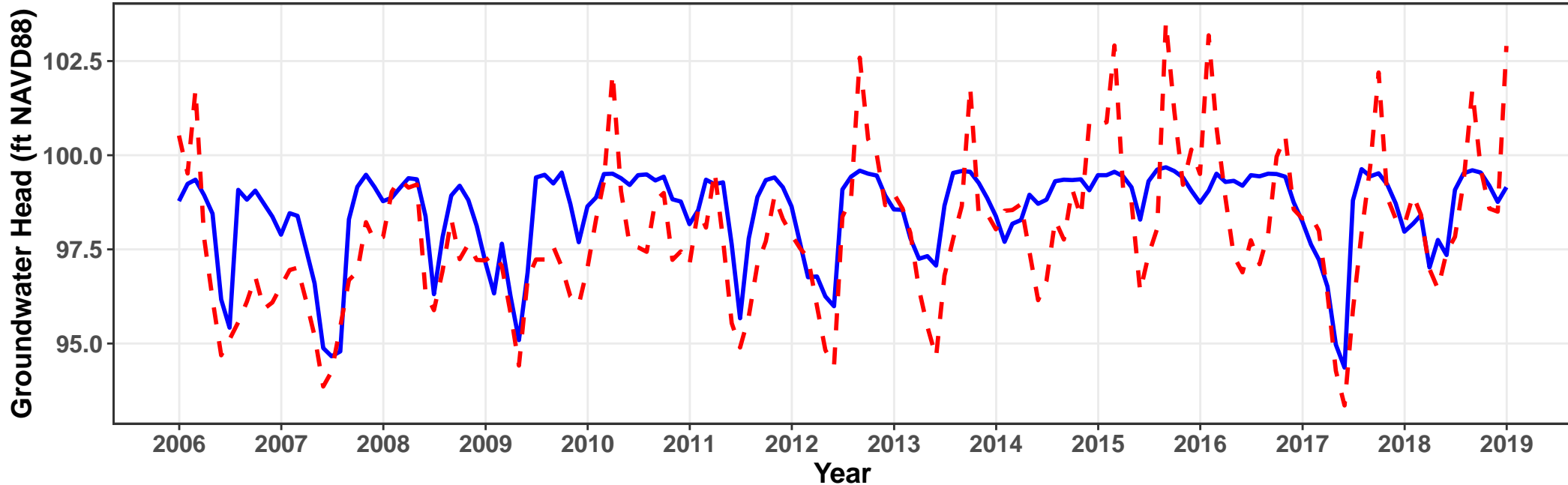
## Stage Duration Curve



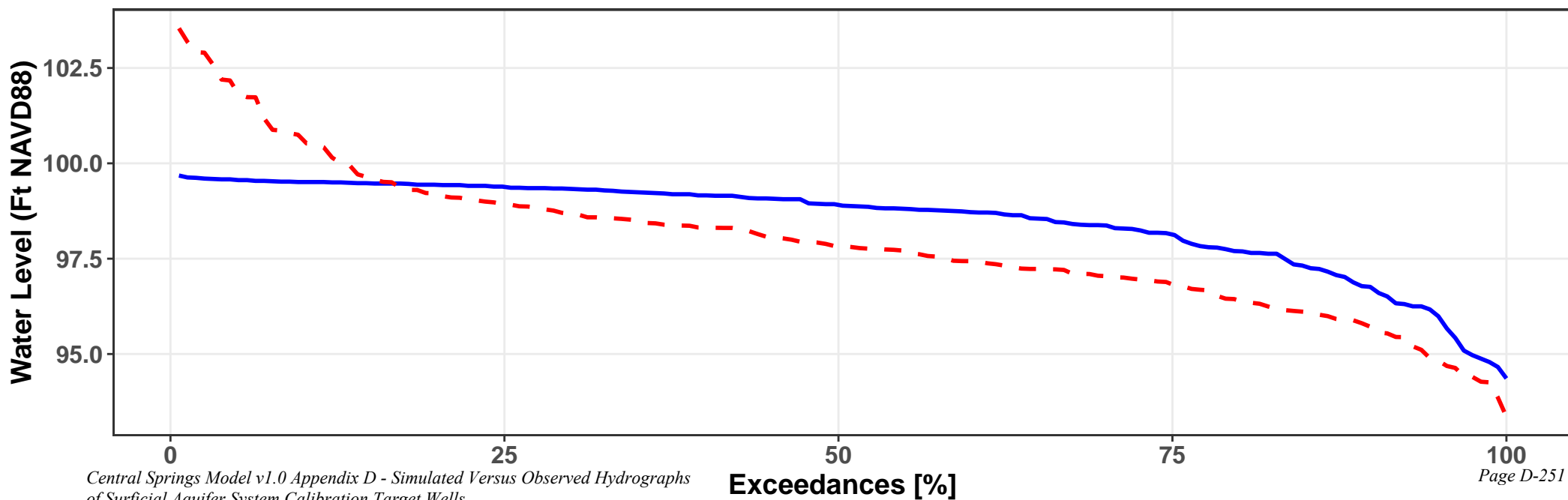
# SID17503 @ Green Swamp 1 Wetland Surf

ME = -0.5 MAE = 1.2  $R^2 = 0.471$  NSE = -0.574

— Observed - - Simulated



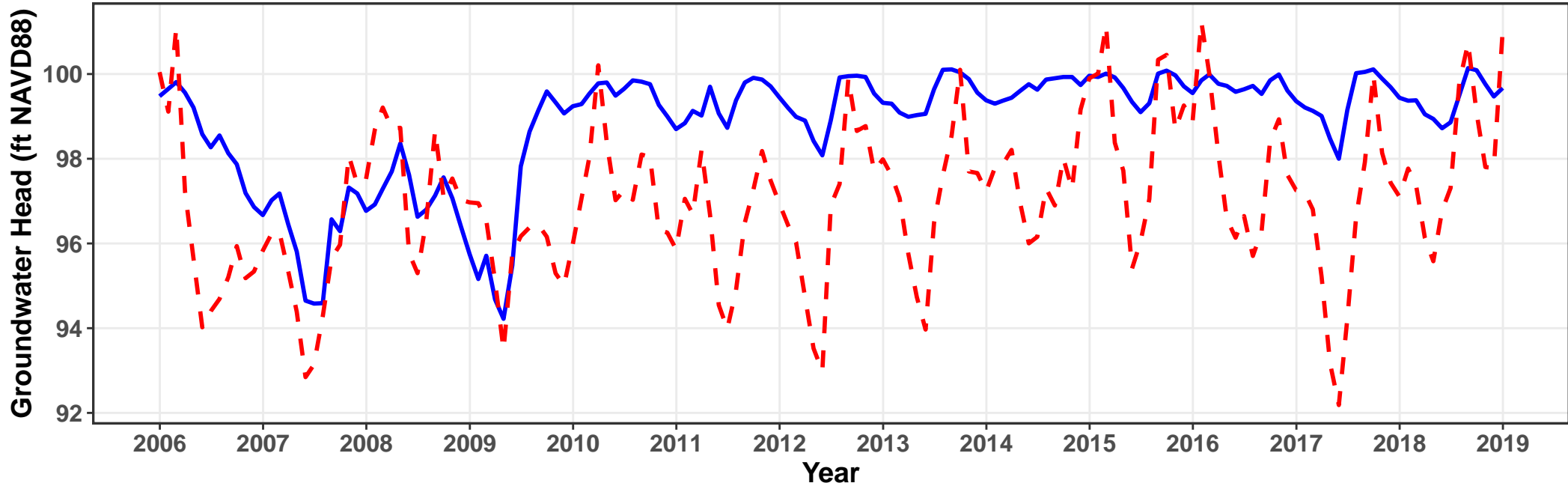
## Stage Duration Curve



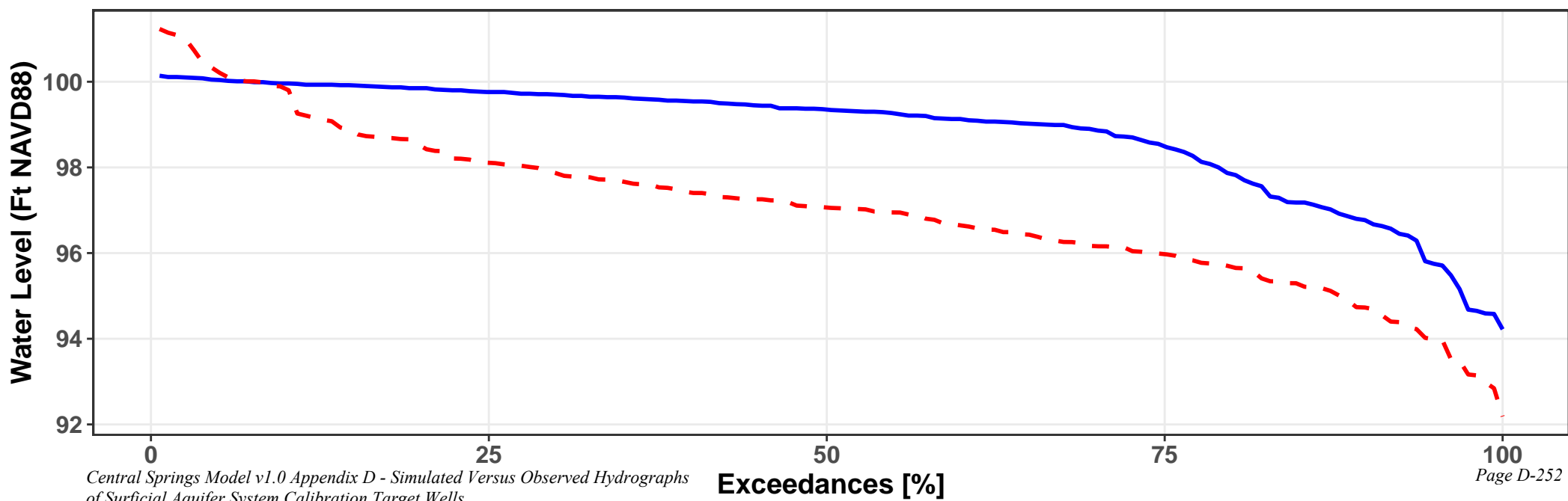
# SID17507 @ Green Swamp Bay Wetland Surf

ME = -1.8 MAE = 2.1  $R^2 = 0.2444$  NSE = -2.106

— Observed - - Simulated



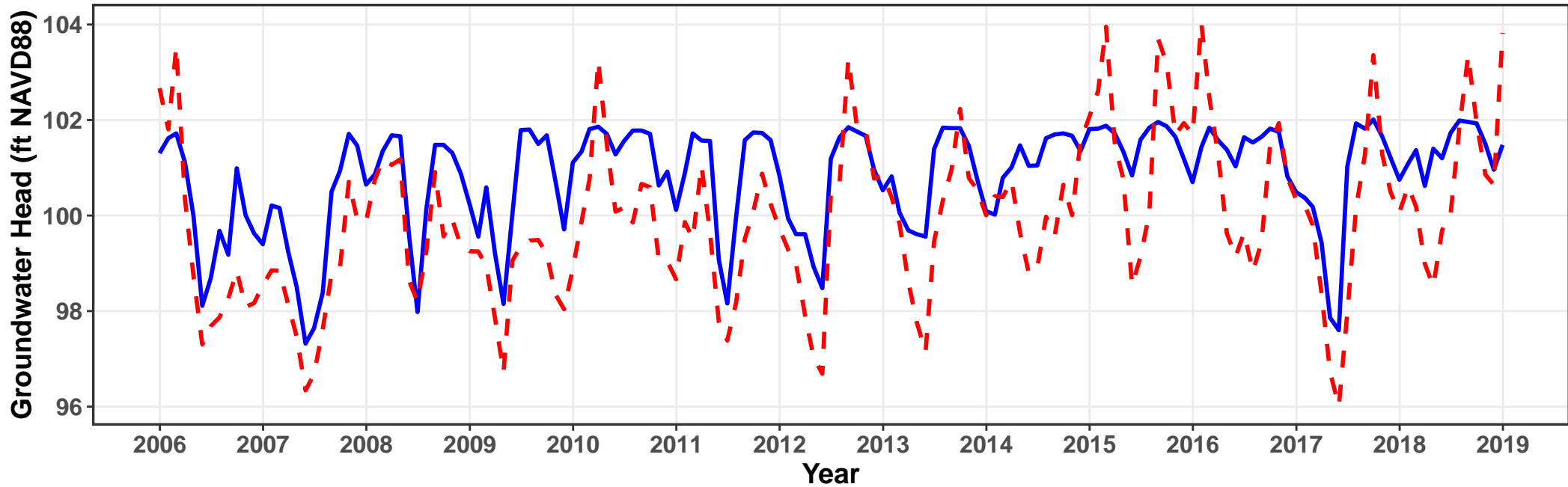
## Stage Duration Curve



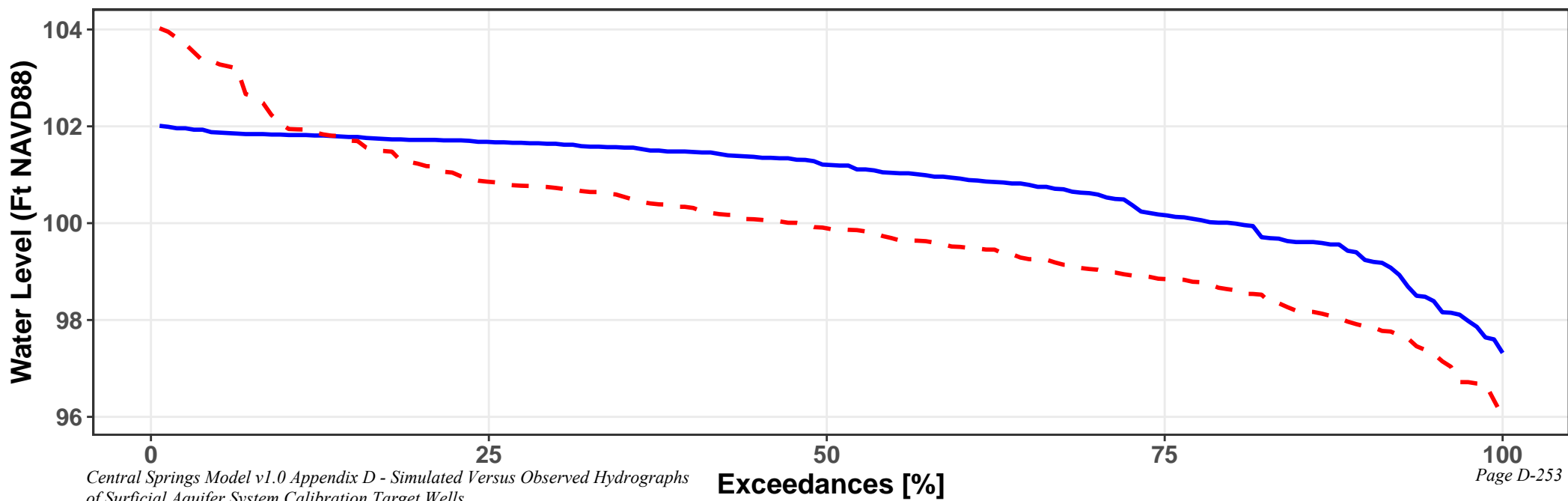
# SID17508 @ Green Swamp 3 Wetland Surf

ME = -0.9 MAE = 1.2  $R^2 = 0.5886$  NSE = -0.603

— Observed - - Simulated



## Stage Duration Curve

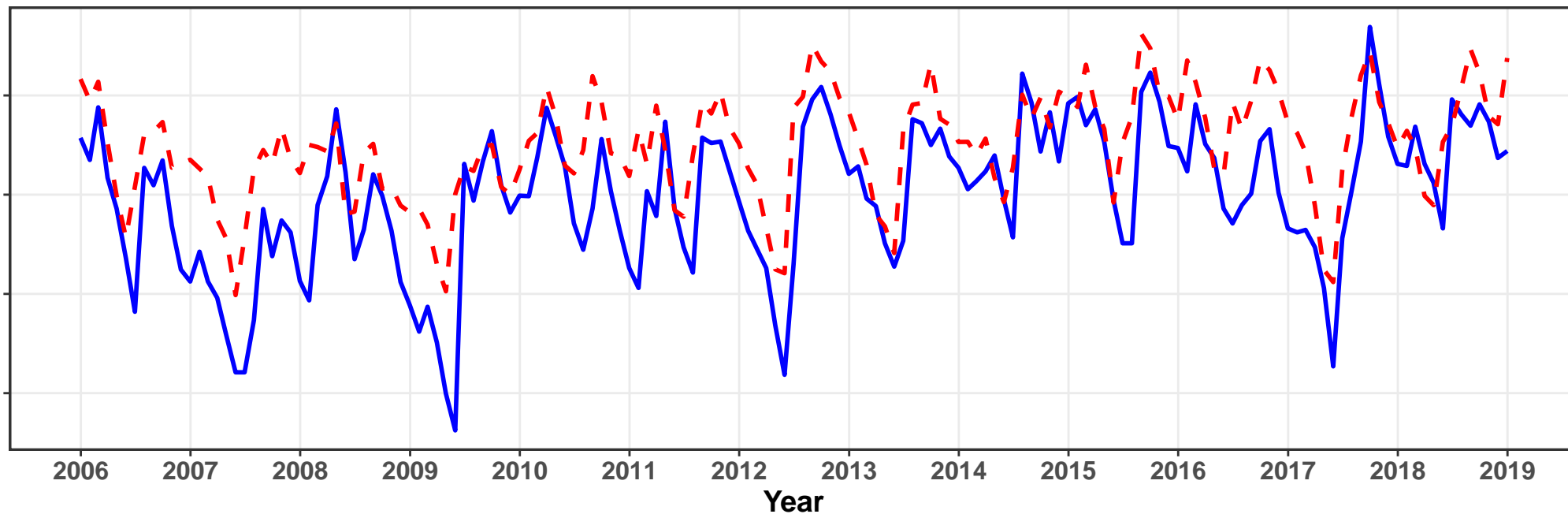


# SID17519 @ SR 54 East Surf

ME = 1 MAE = 1.1  $R^2 = 0.6027$  NSE = 0.135

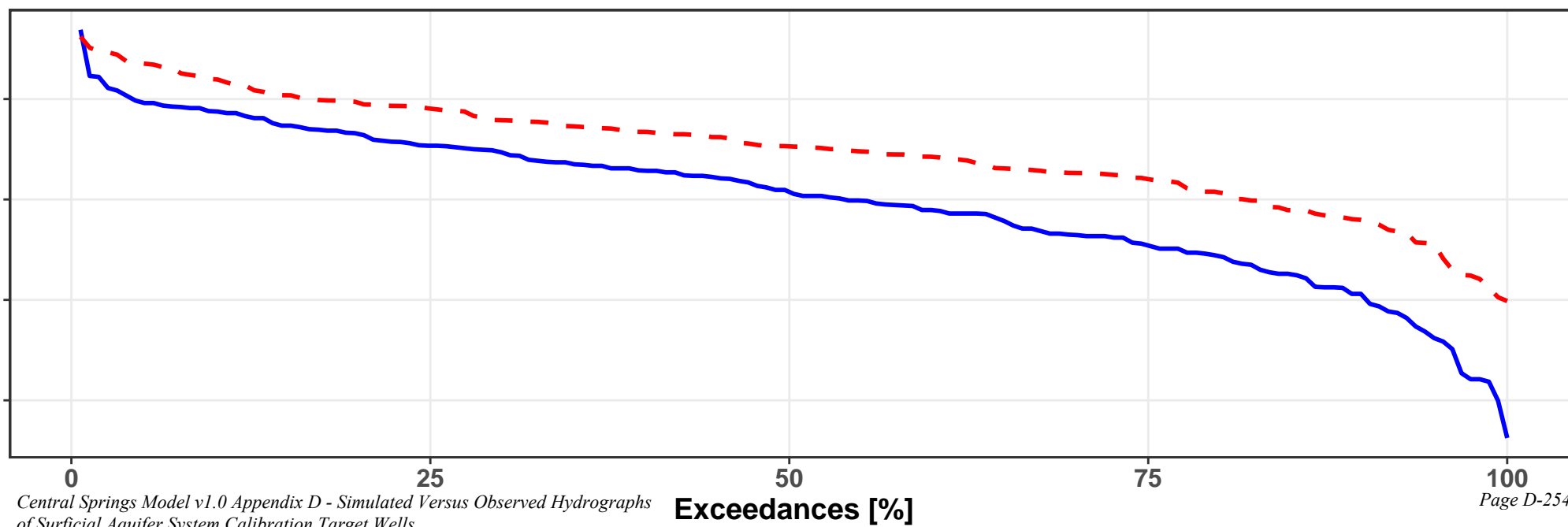
— Observed - - Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

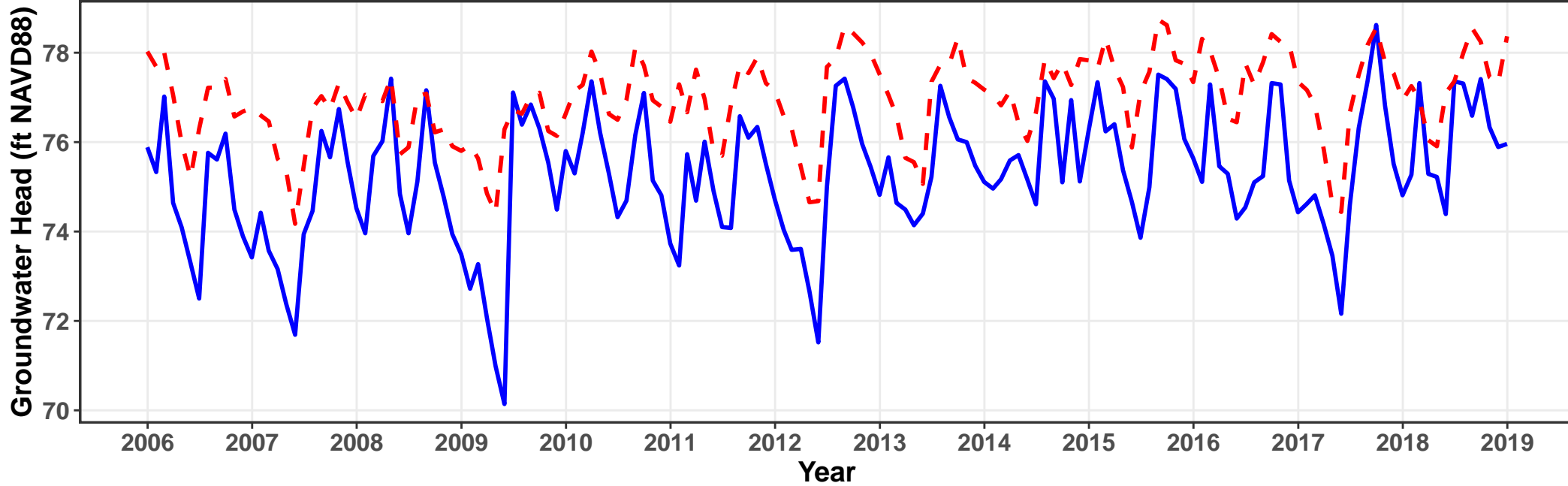
Water Level (Ft NAVD88)



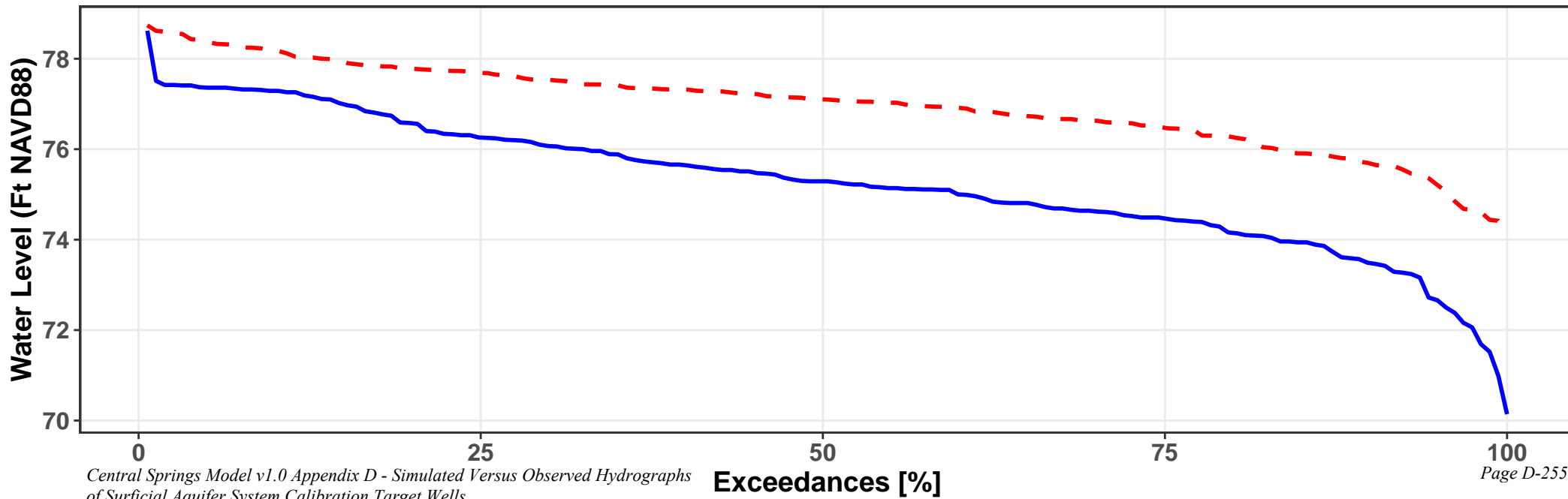
# SID17521 @ UHFDA Riverine 1 Upland Surf

ME = 1.7 MAE = 1.7  $R^2 = 0.5865$  NSE = -0.813

— Observed - - Simulated



## Stage Duration Curve

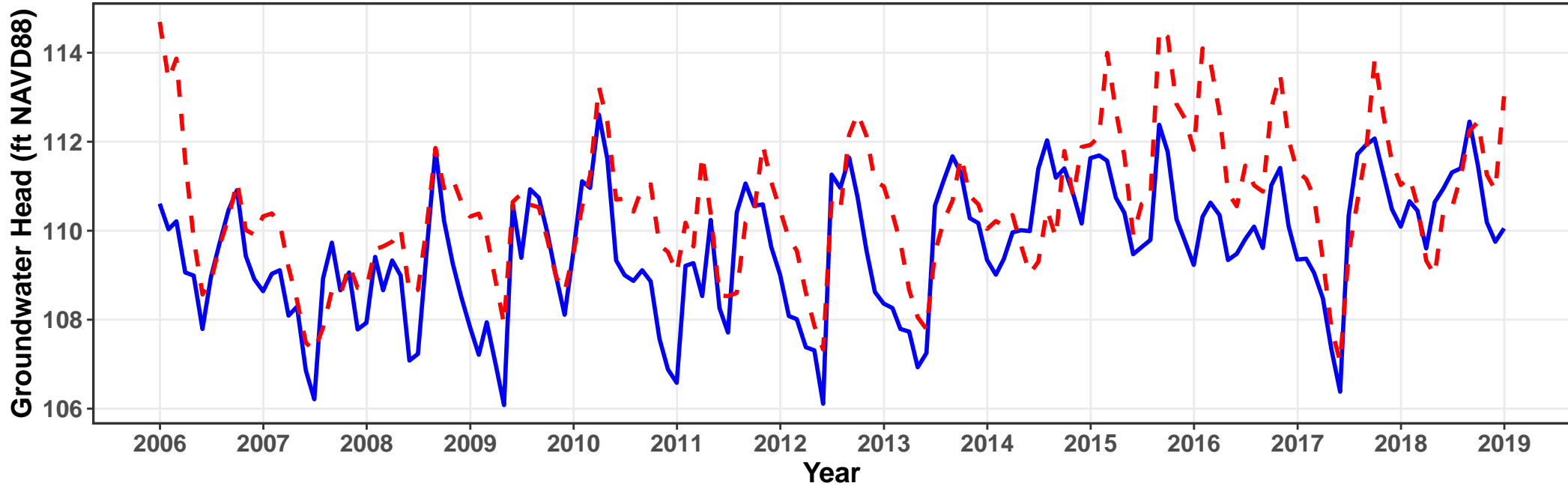




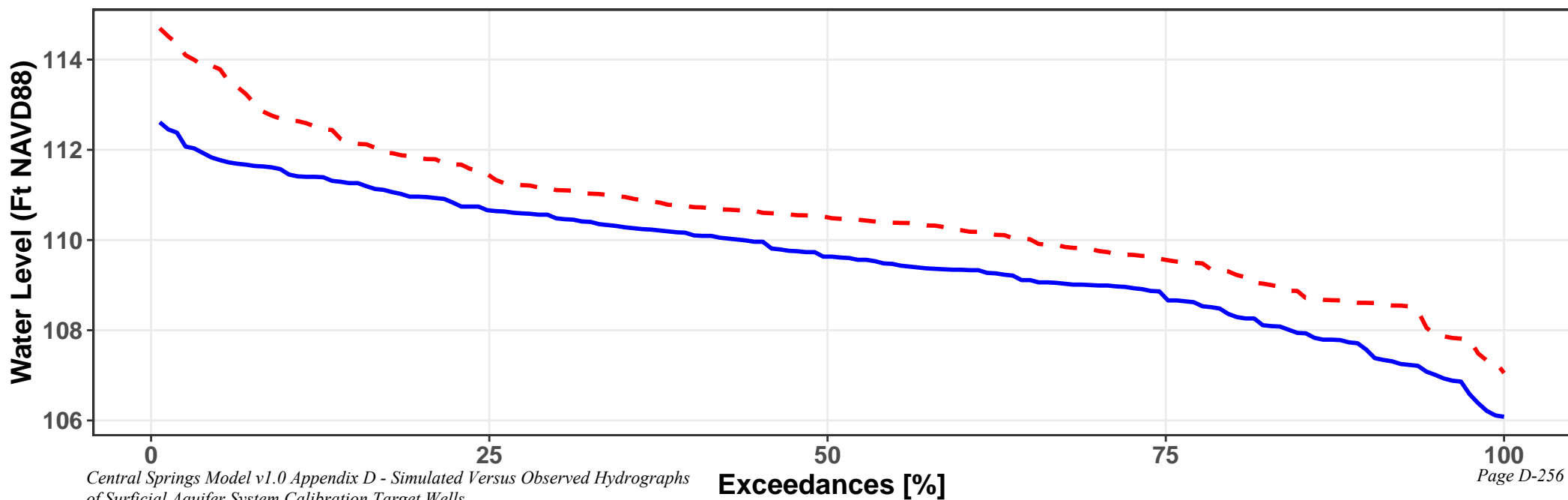
# SID17525 @ Eva Shallow

ME = 0.9 MAE = 1.2  $R^2 = 0.4854$  NSE = -0.067

— Observed - - Simulated



## Stage Duration Curve

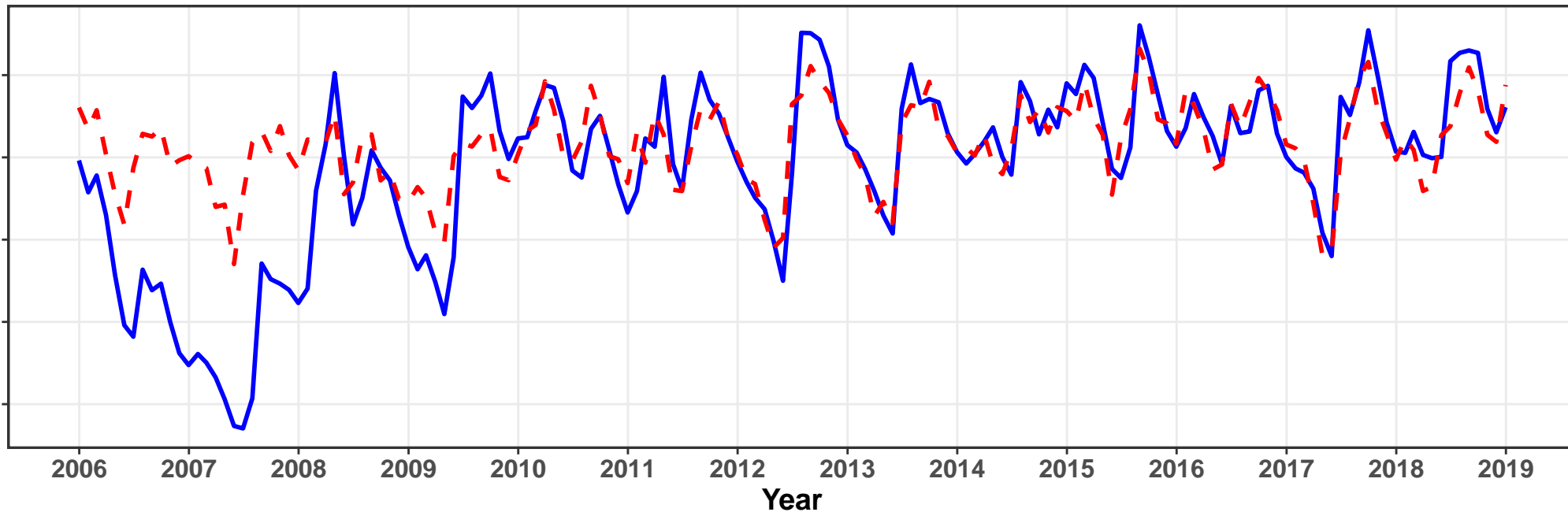


# SID17544 @ Howard Street Surf

ME = 0.5 MAE = 1.1  $R^2 = 0.4534$  NSE = 0.353

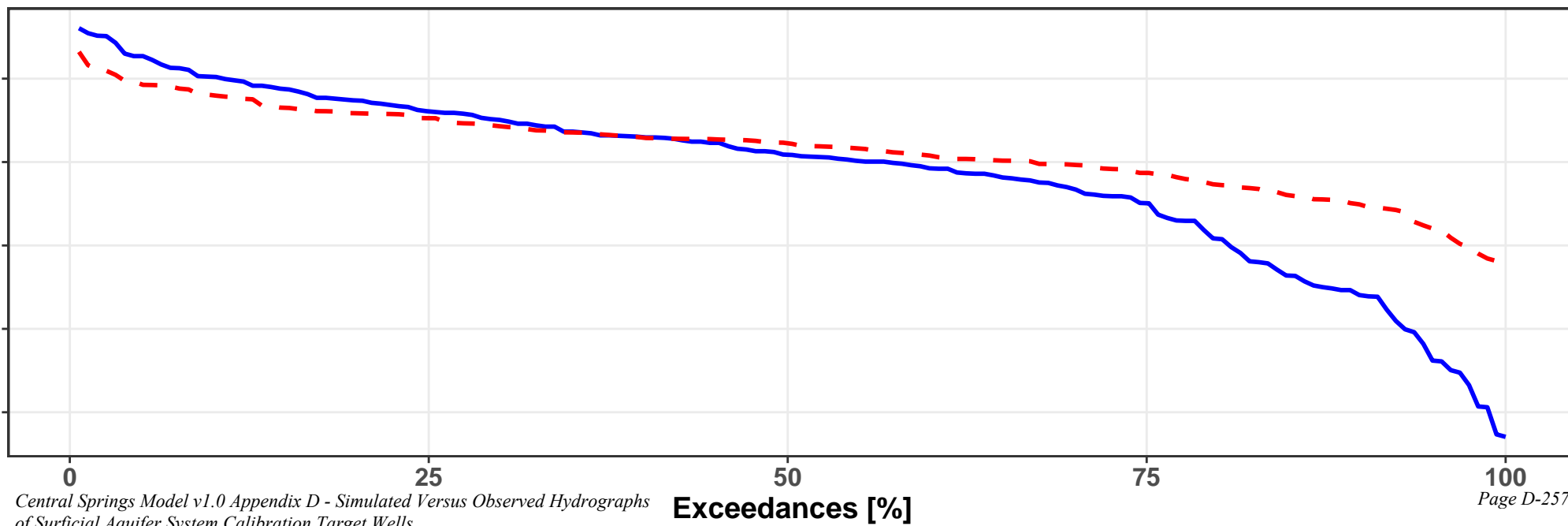
— Observed - - Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

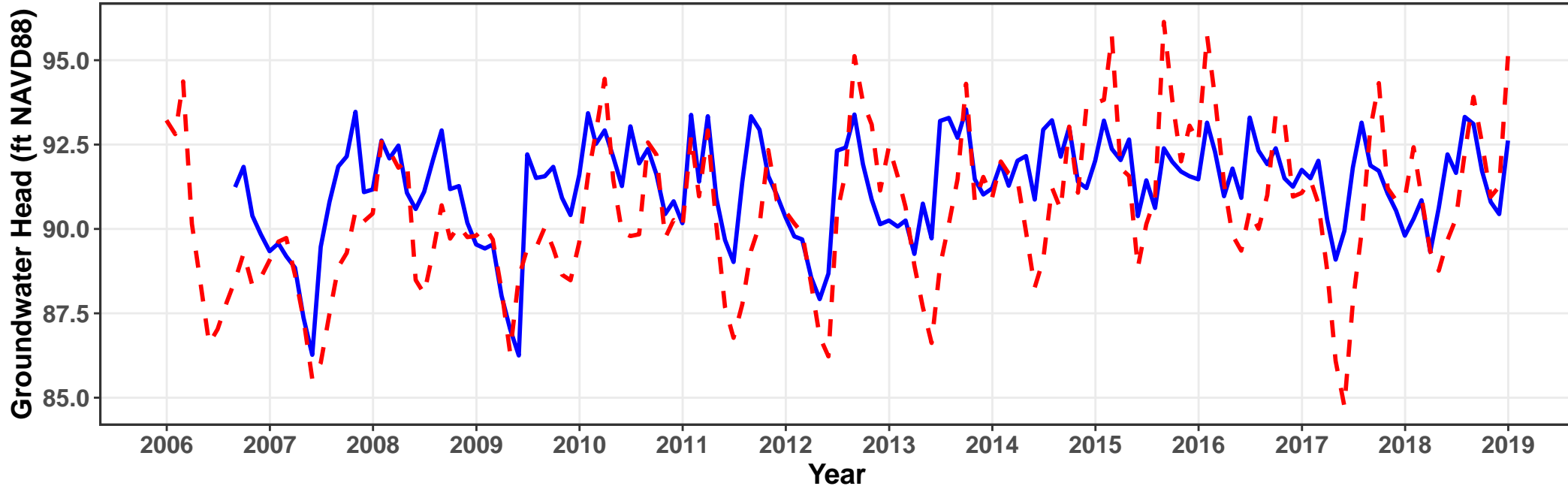
Water Level (Ft NAVD88)



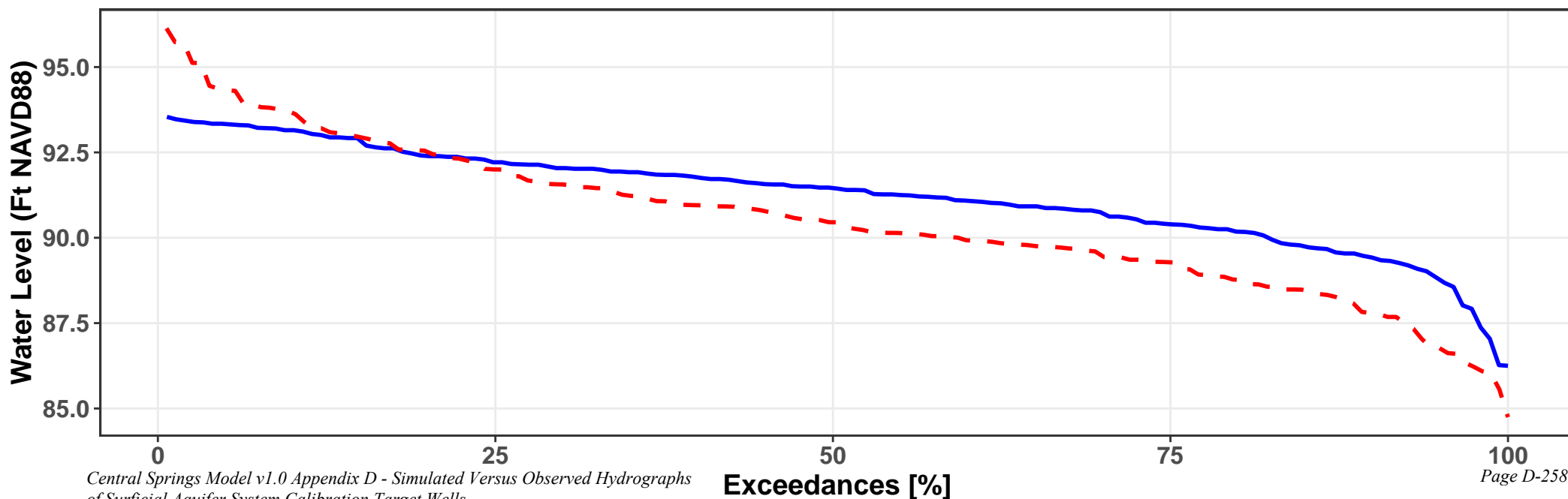
# SID17585 @ Green Swamp Marsh Upland Surf

ME = -0.7 MAE = 1.5  $R^2 = 0.3652$  NSE = -0.608

— Observed - - Simulated



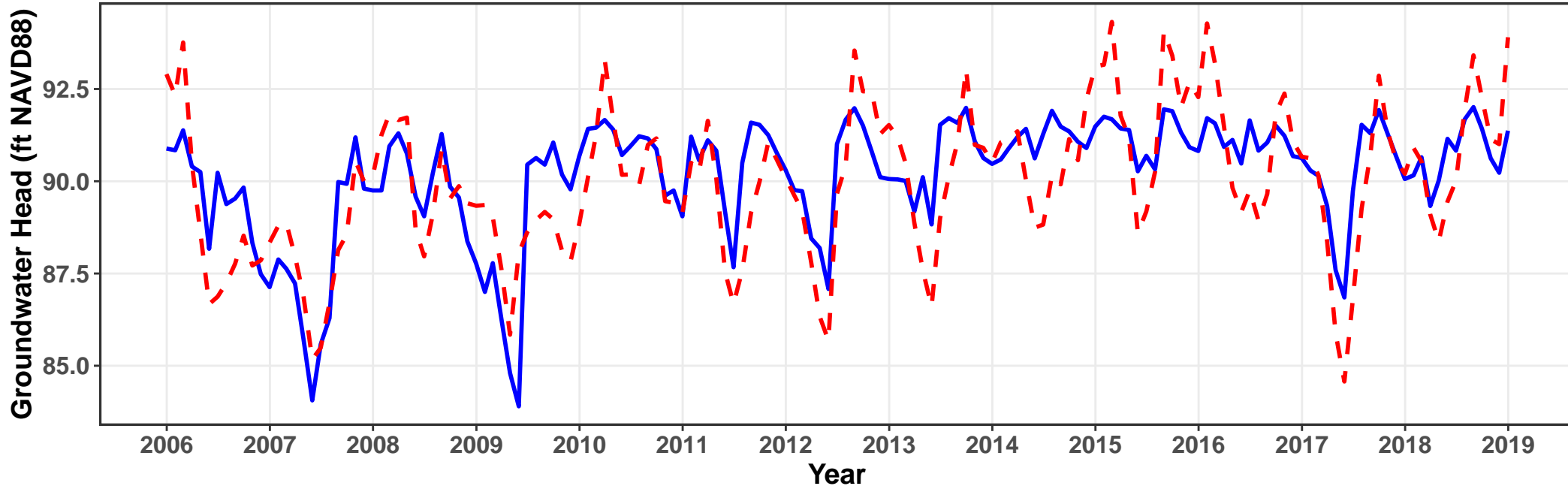
## Stage Duration Curve



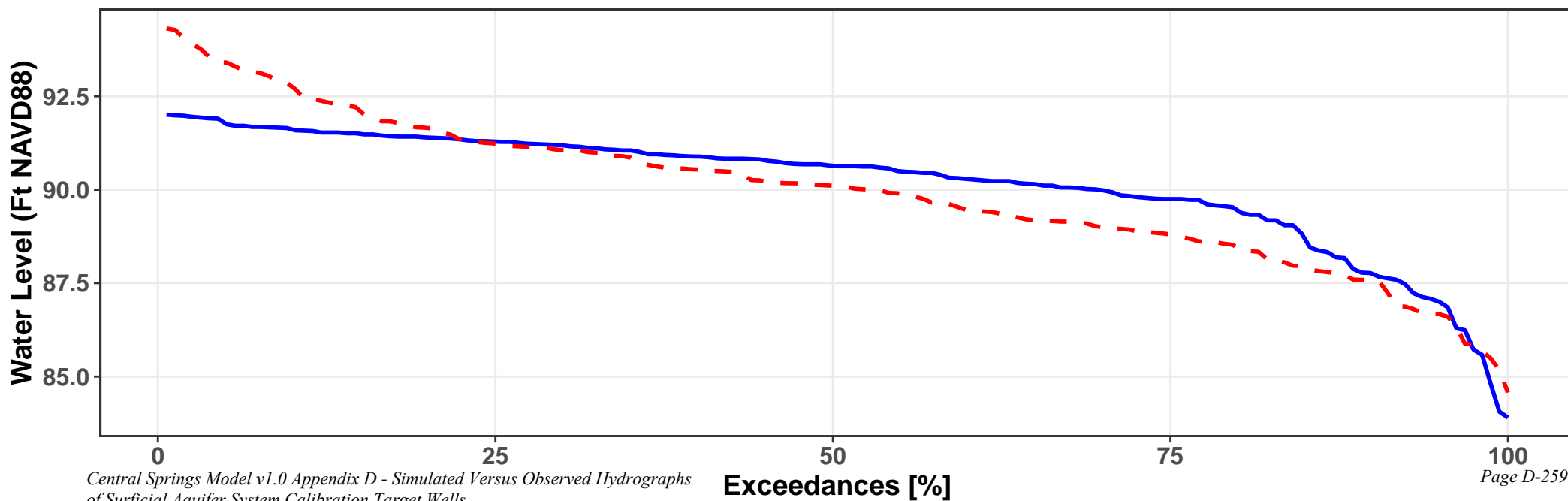
# SID17592 @ Green Swamp L-11K Shallow

ME = -0.2 MAE = 1.1  $R^2 = 0.5368$  NSE = 0.264

— Observed - - Simulated



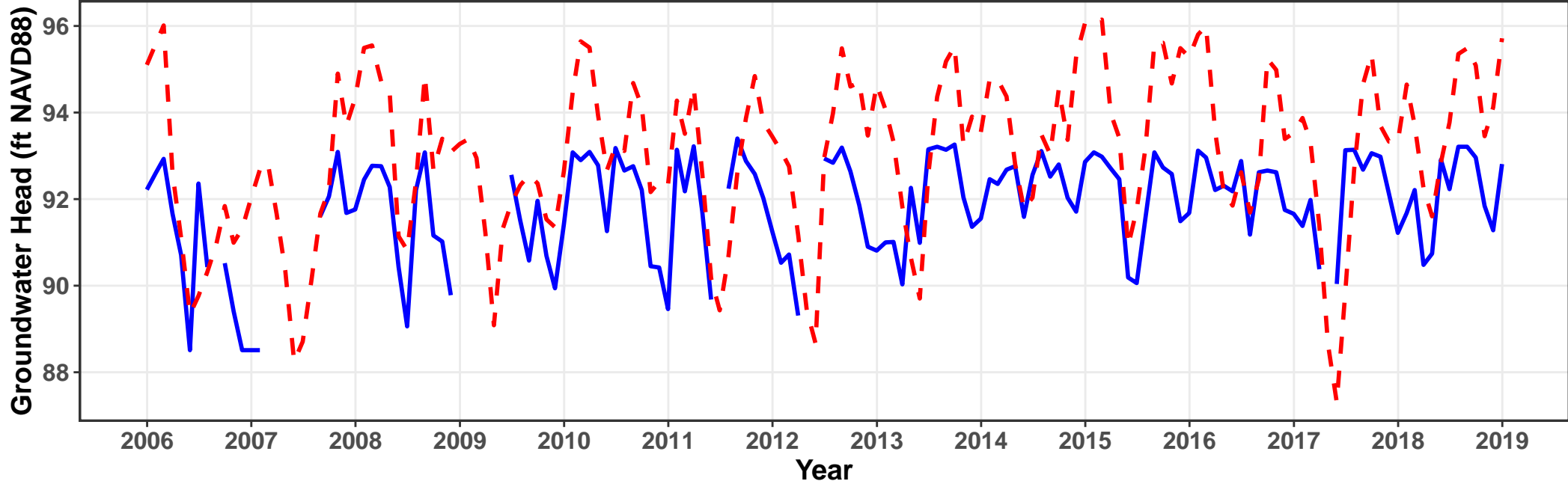
## Stage Duration Curve



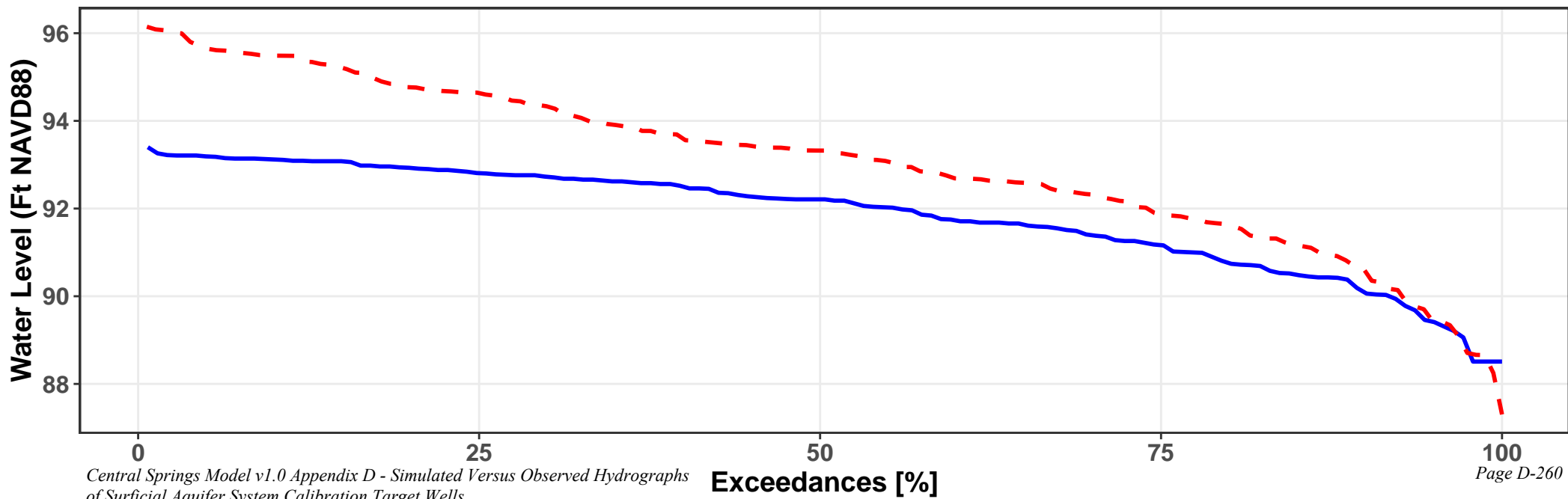
# SID17593 @ Green Swamp Riverine Upland Surf

ME = 1.5 MAE = 1.7  $R^2 = 0.394$  NSE = -1.773

— Observed — Simulated



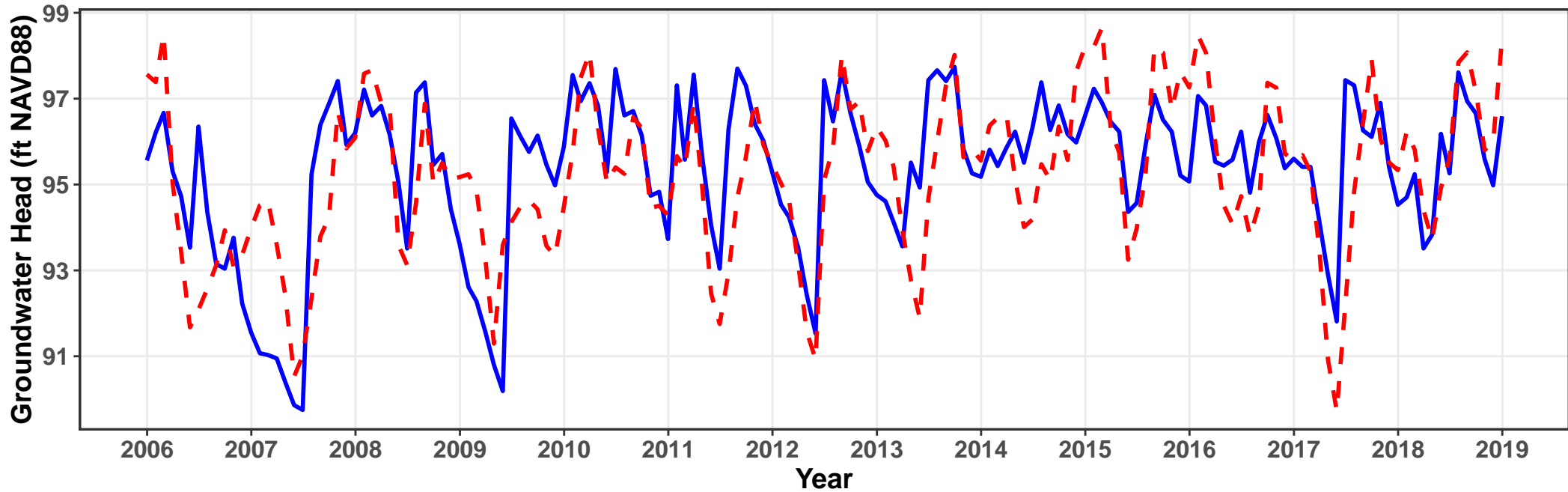
## Stage Duration Curve



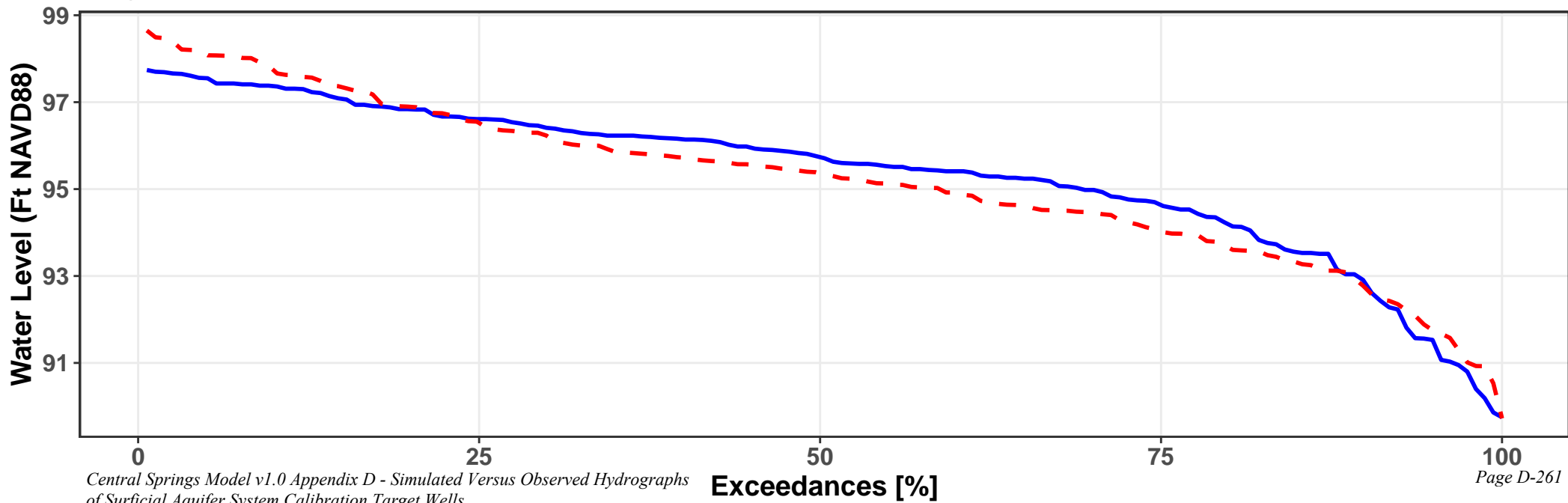
# SID17595 @ Green Swamp 6 Upland Surf

ME = -0.1 MAE = 1.2  $R^2 = 0.4294$  NSE = 0.276

— Observed - - Simulated



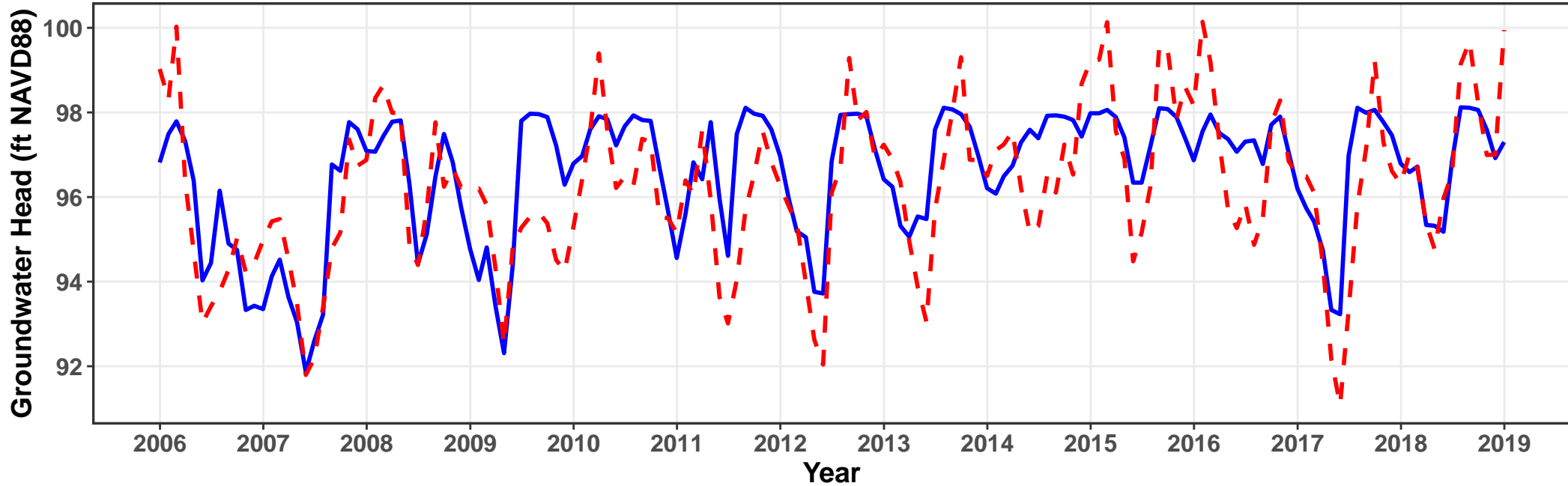
## Stage Duration Curve



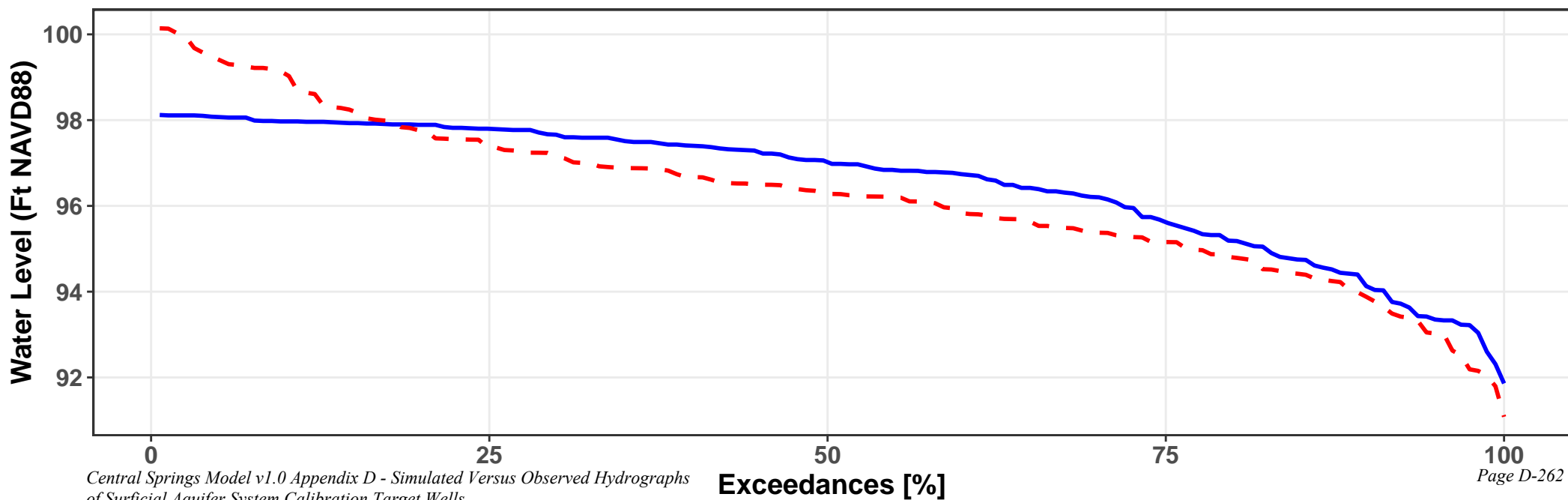
# SID17600 @ Green Swamp 5 Wetland Surf

ME = -0.3 MAE = 1.1  $R^2 = 0.5271$  NSE = 0.236

— Observed - - Simulated



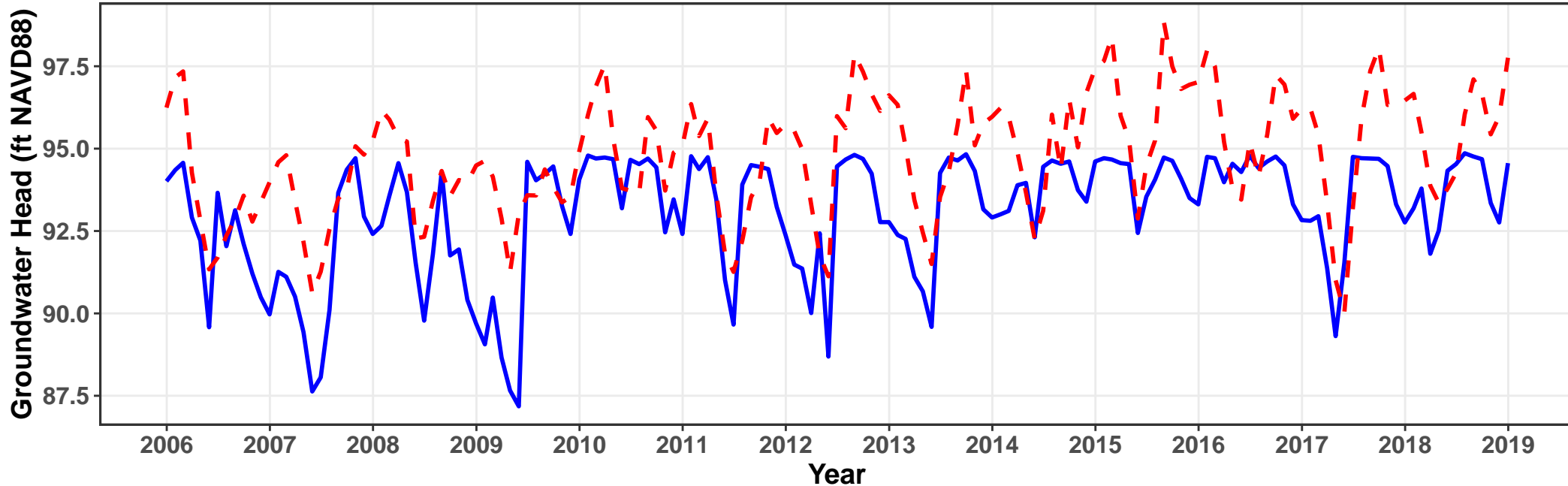
## Stage Duration Curve



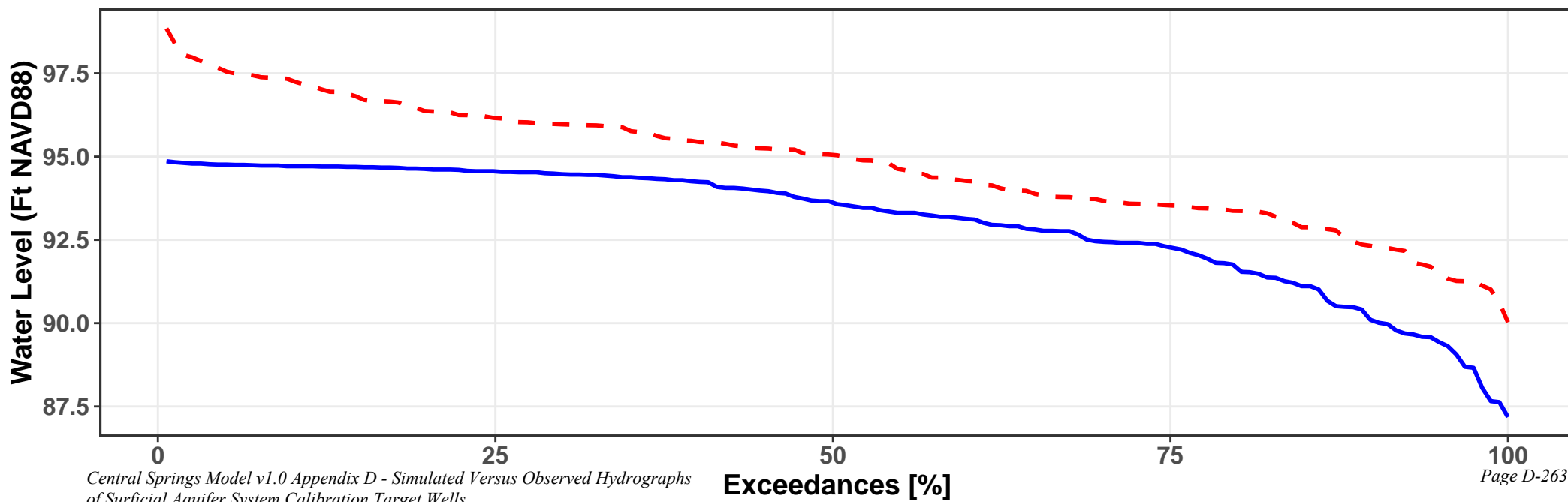
# SID17601 @ Green Swamp Wet Prairie Upland Surf

ME = 1.8 MAE = 2  $R^2 = 0.4072$  NSE = -0.639

— Observed — Simulated



## Stage Duration Curve

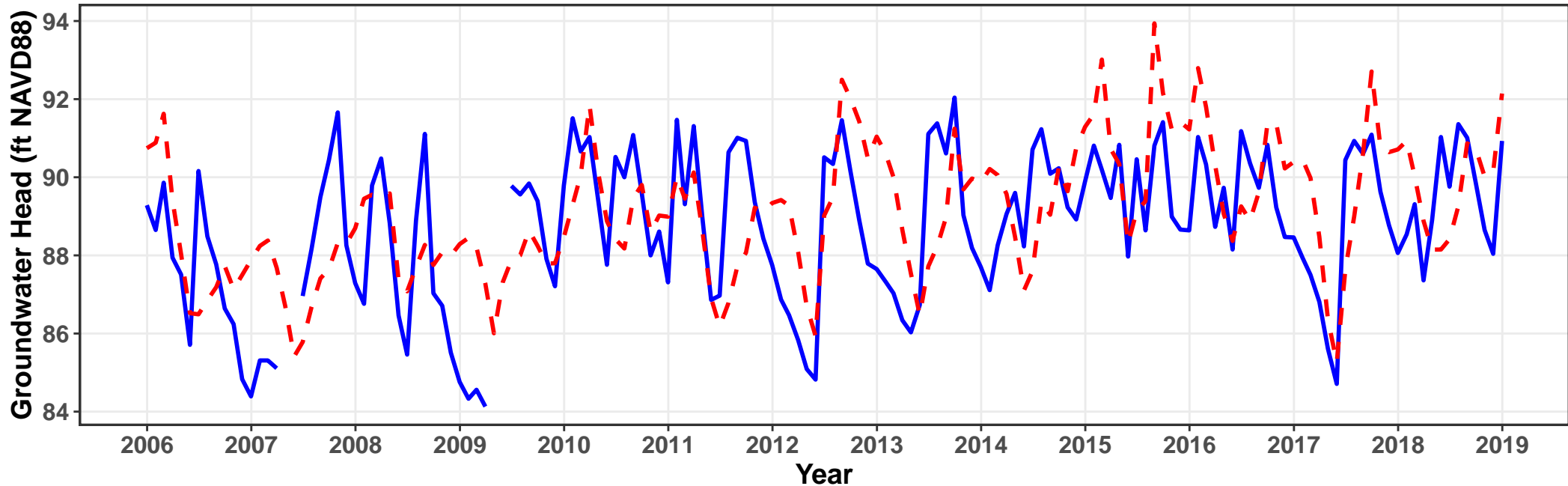




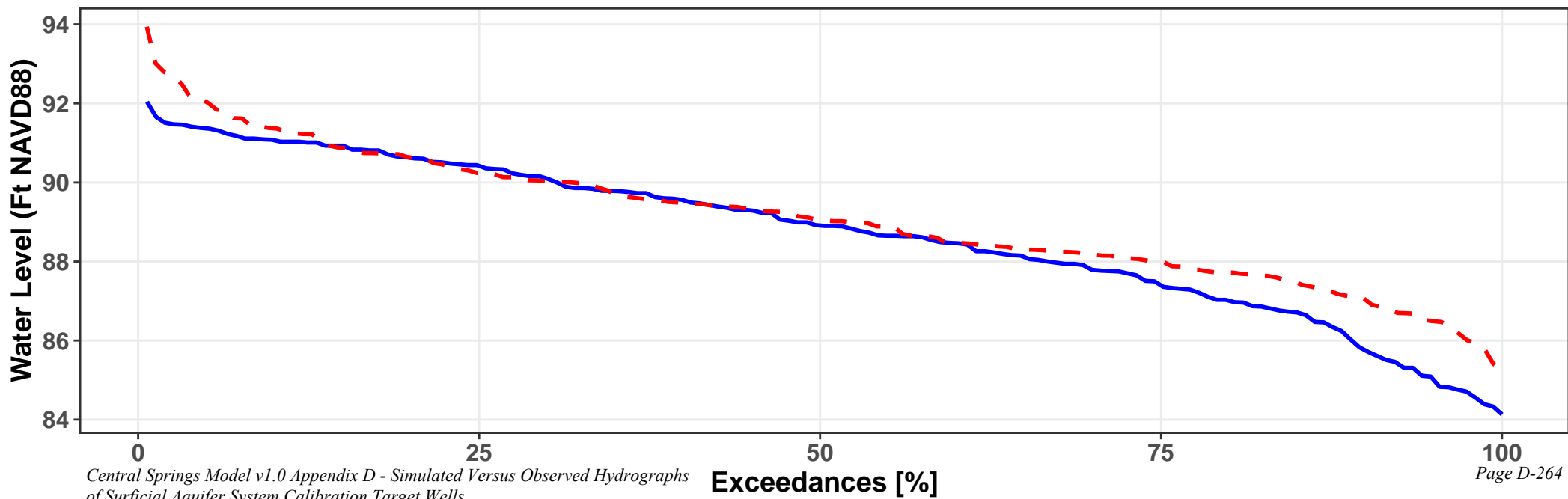
# SID17603 @ Green Swamp L-11M Shallow

ME = 0.5 MAE = 1.6  $R^2 = 0.2231$  NSE = 0.029

— Observed - - Simulated



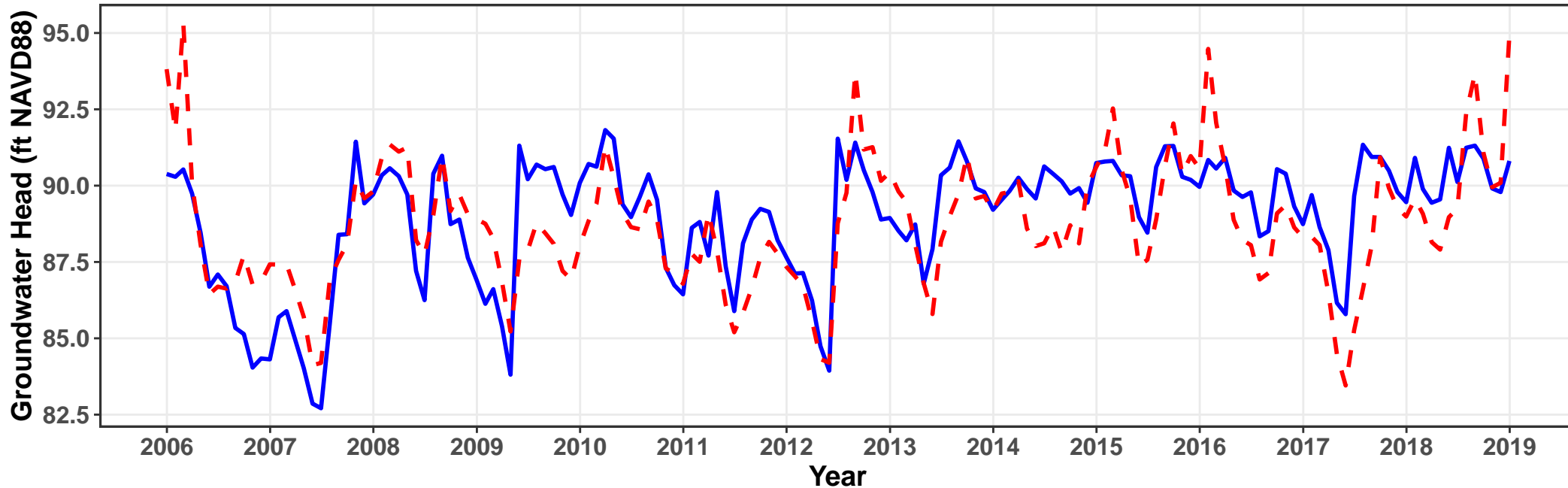
## Stage Duration Curve



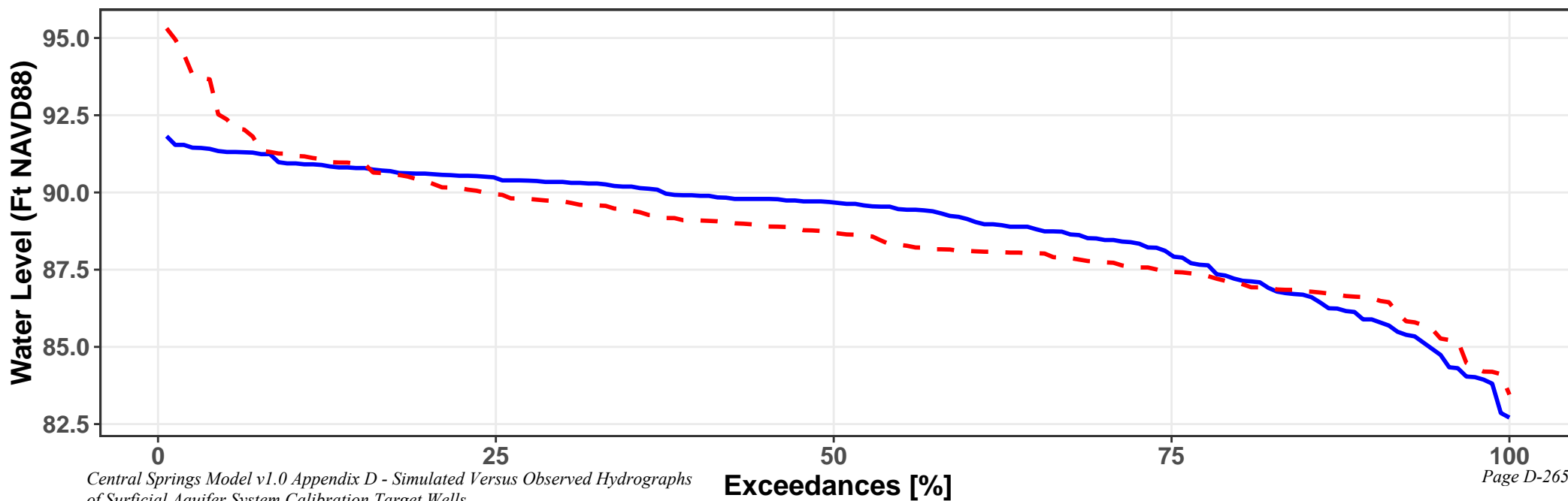
# SID17607 @ Green Swamp L-12B Shallow

ME = -0.2 MAE = 1.3  $R^2 = 0.4986$  NSE = 0.38

— Observed - - Simulated



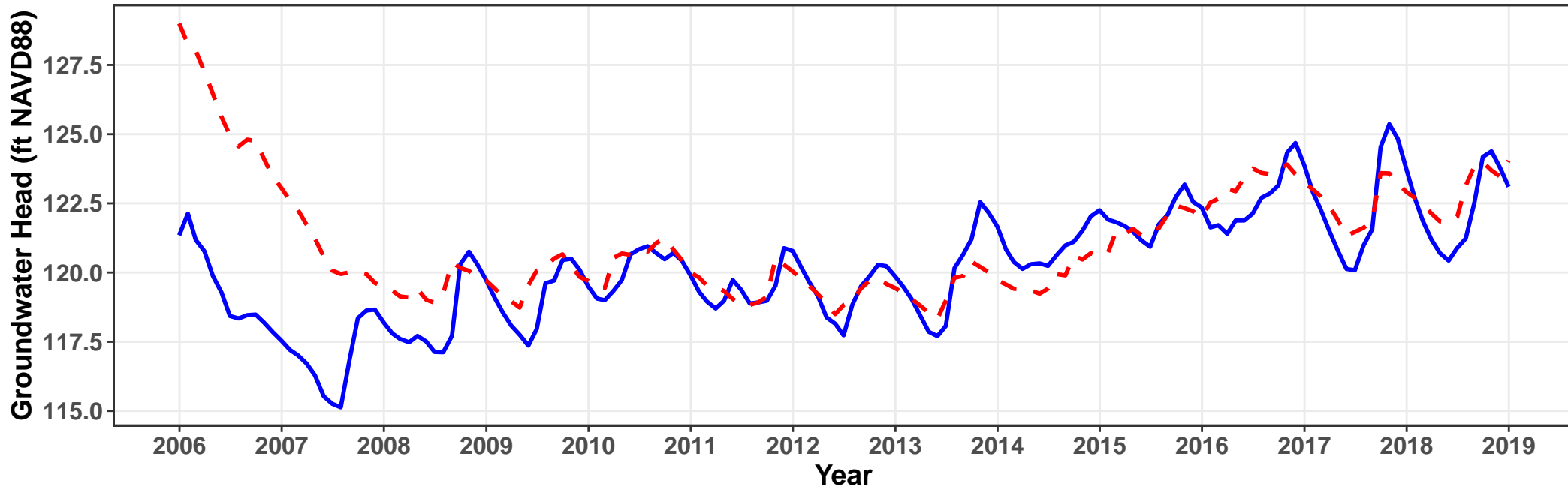
## Stage Duration Curve



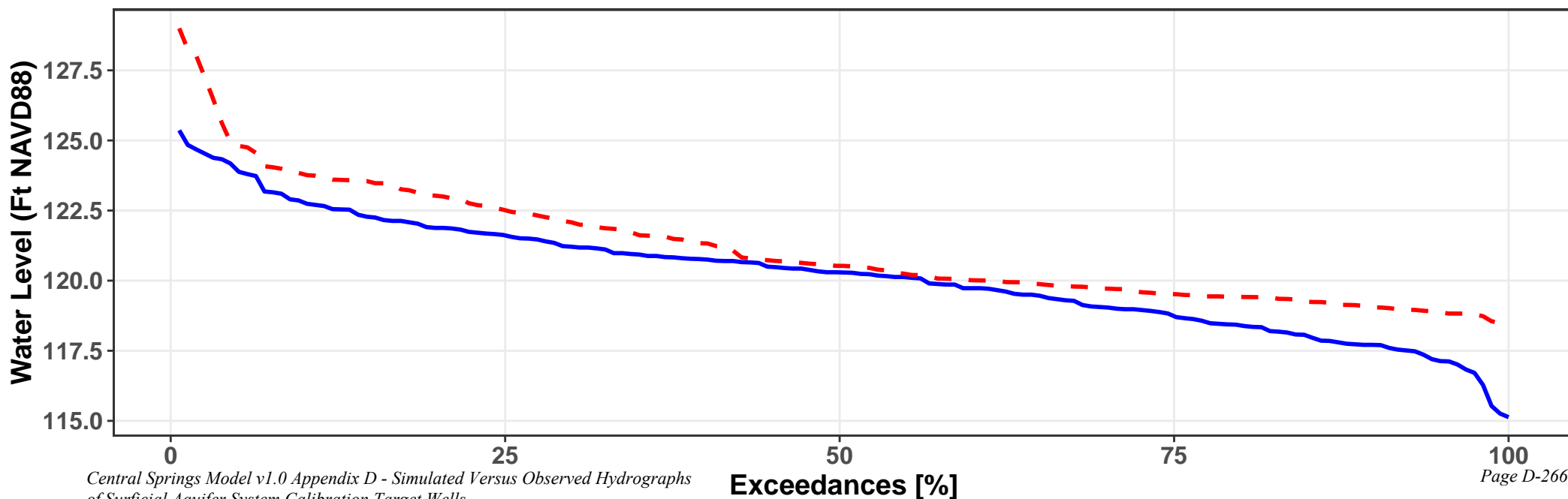
# SID17693 @ Ridge WRAP P-4 Surf

ME = 0.9 MAE = 1.5  $R^2 = 0.2208$  NSE = -0.31

— Observed - - Simulated



## Stage Duration Curve

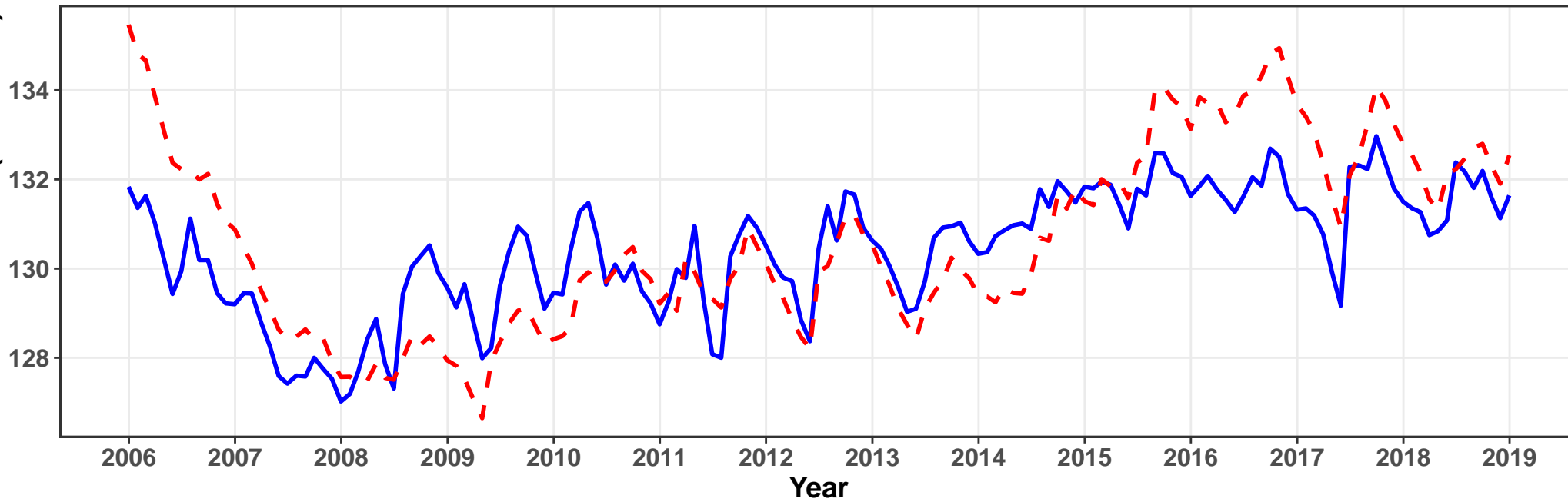


# SID17698 @ ROMP 76 Surf Aq Monitor

ME = 0.3 MAE = 1.1  $R^2 = 0.6201$  NSE = 0.076

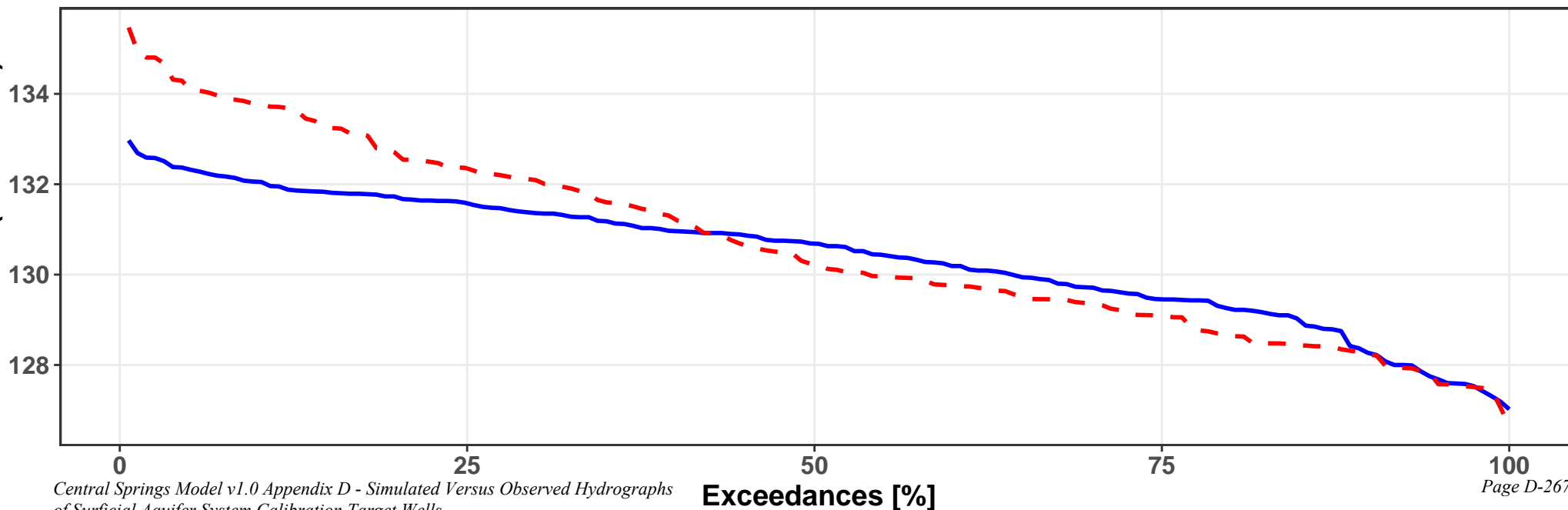
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

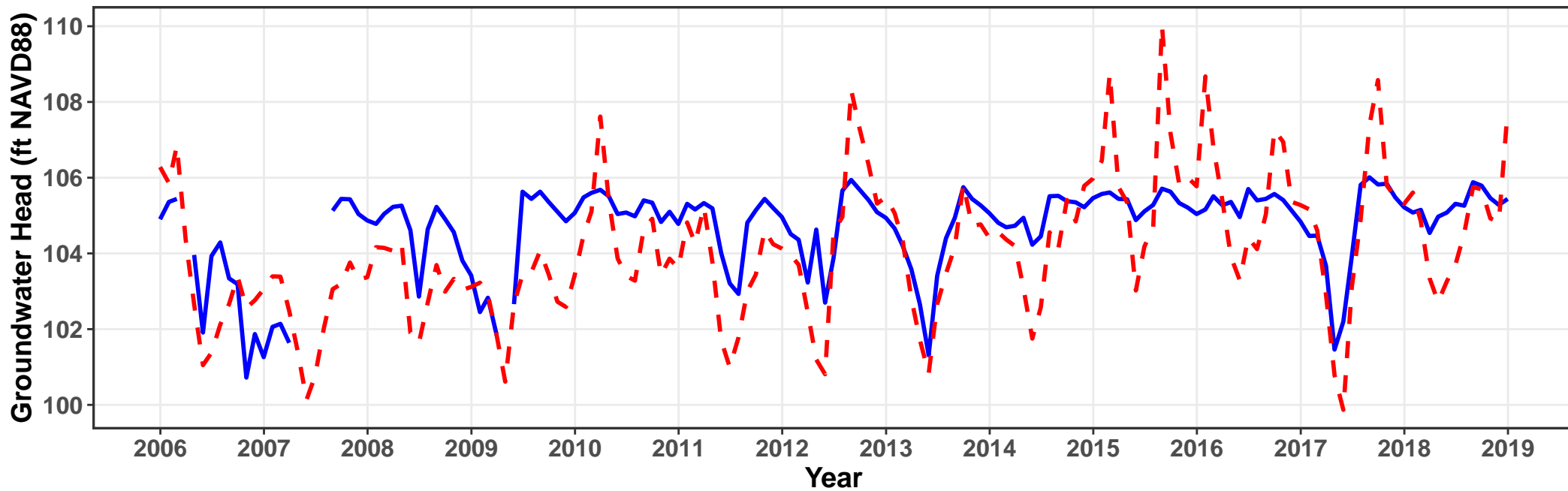
Water Level (Ft NAVD88)



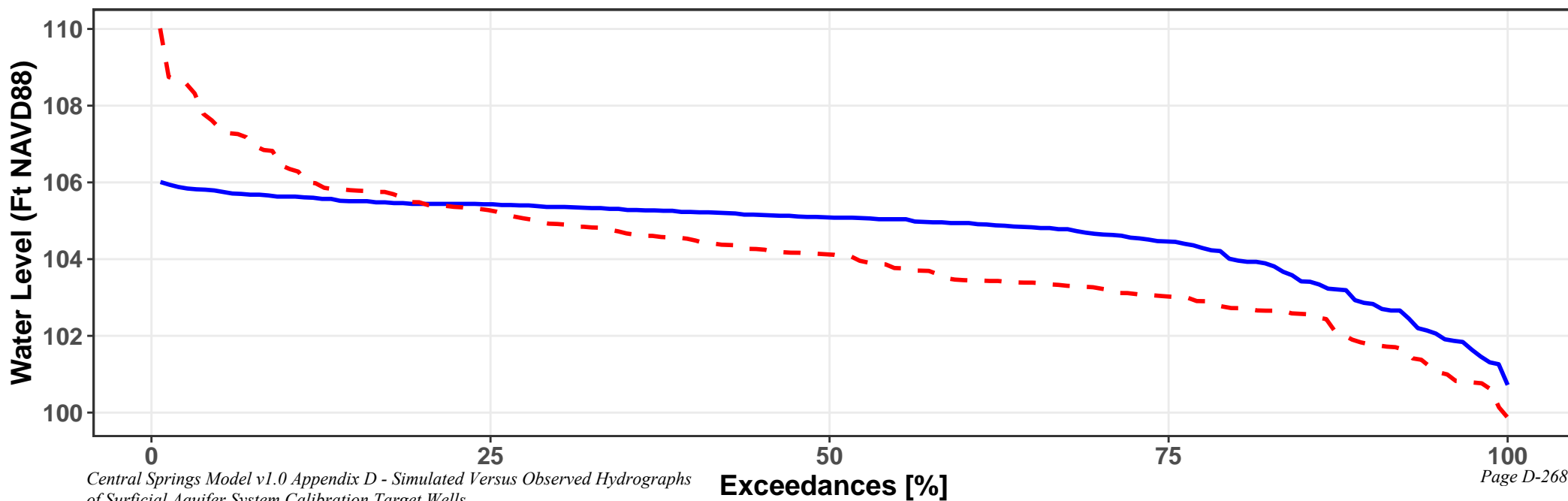
# SID17707 @ Green Swamp 7 Wetland Surf

ME = -0.5 MAE = 1.1  $R^2 = 0.4383$  NSE = -0.509

— Observed - - Simulated



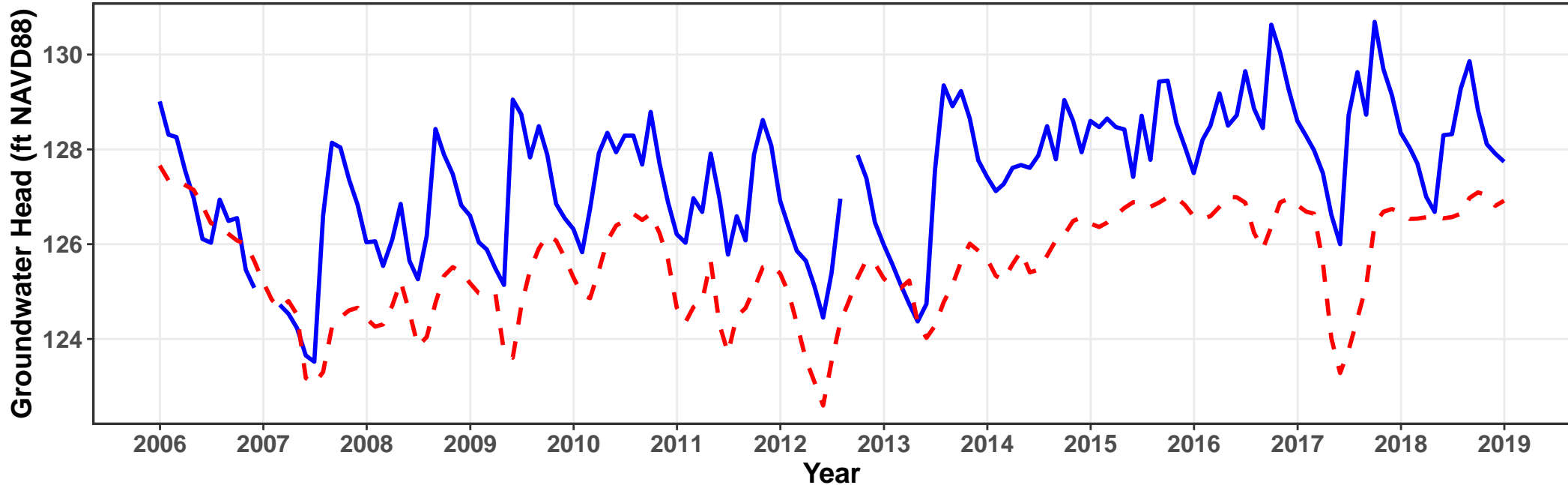
## Stage Duration Curve



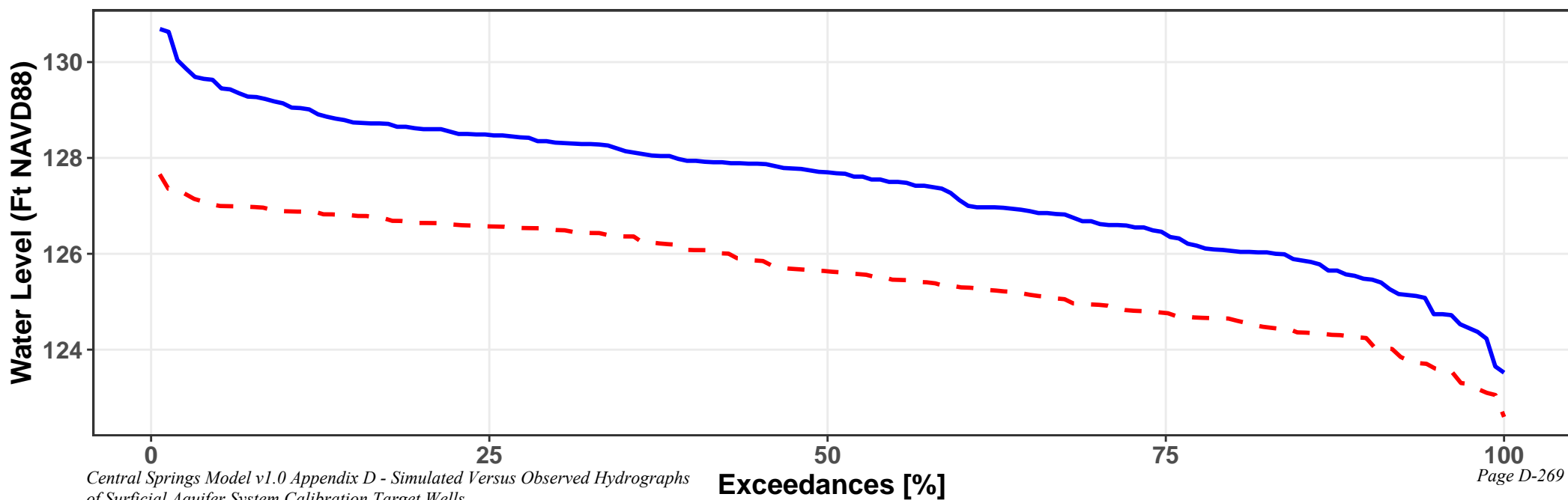
# SID17714 @ Thornhill Ranch Shallow

ME = -1.8 MAE = 1.9  $R^2 = 0.4$  NSE = -1.203

— Observed - - Simulated



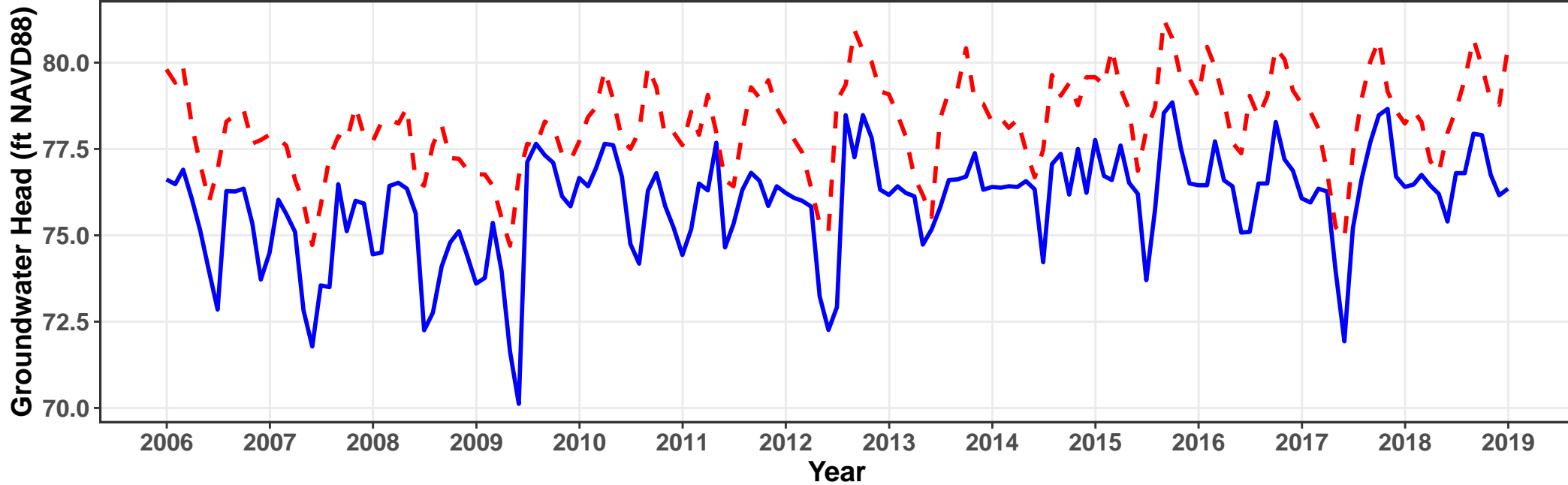
## Stage Duration Curve



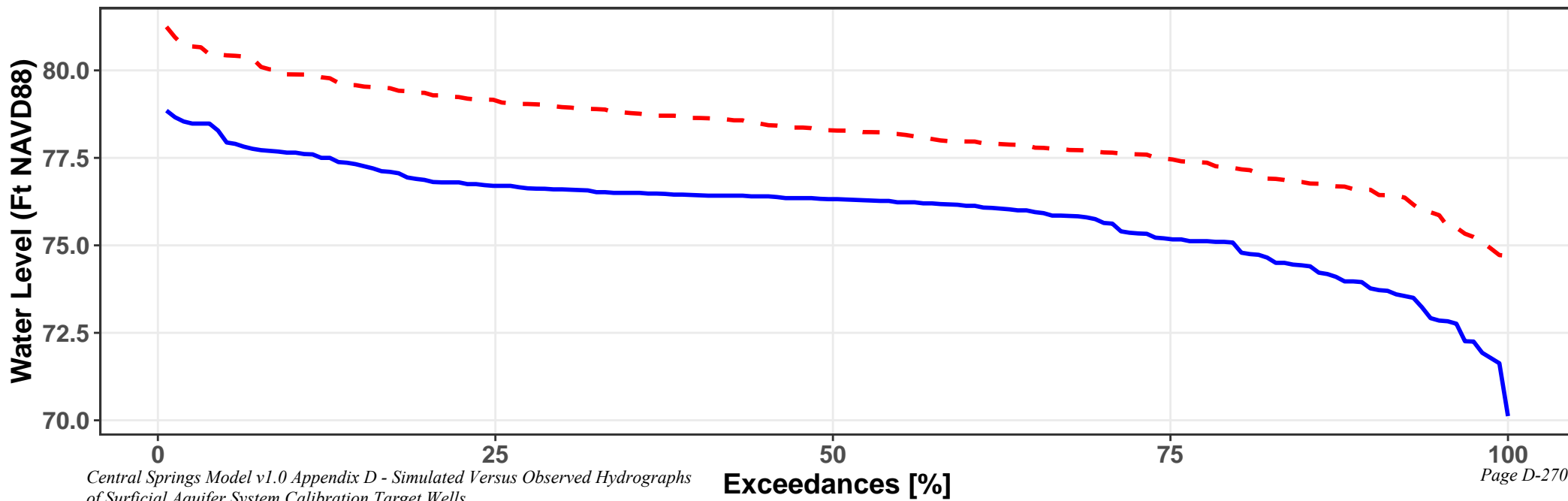
# SID17718 @ UHFDA Riverine 3 Wetland Surf

ME = 2.3 MAE = 2.3  $R^2 = 0.5428$  NSE = -1.776

— Observed — Simulated



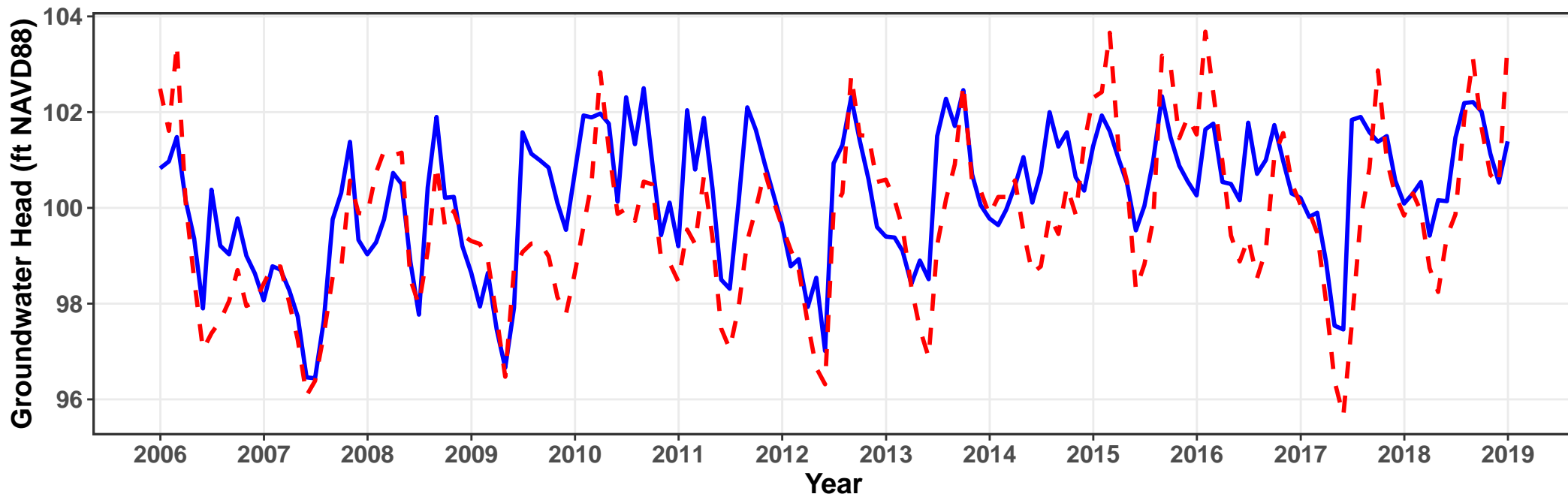
## Stage Duration Curve



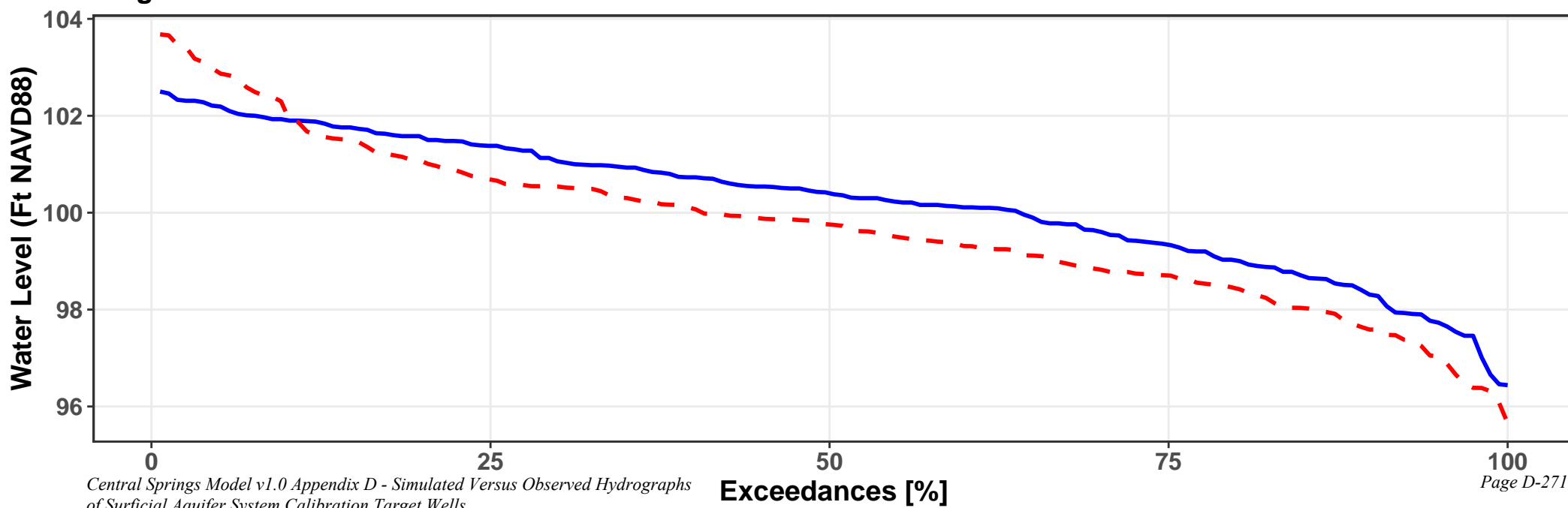
# SID17727 @ Green Swamp 4 Upland Surf

ME = -0.5 MAE = 1  $R^2 = 0.5314$  NSE = 0.169

— Observed - - Simulated



## Stage Duration Curve



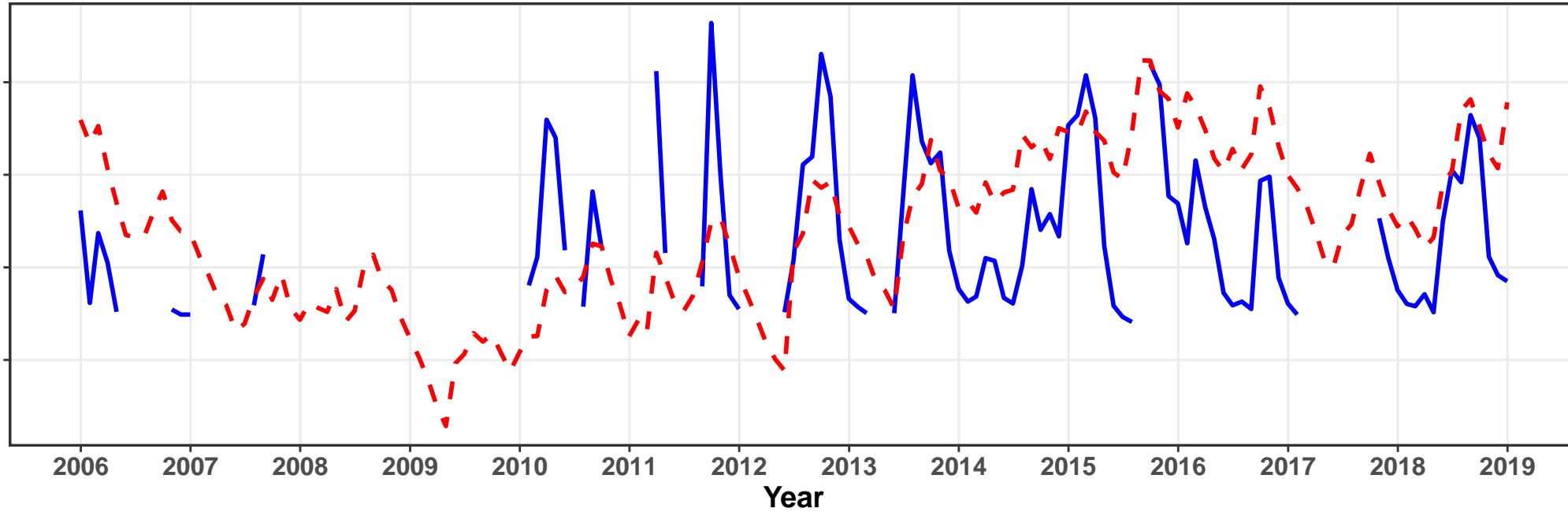


# SID18341 @ CR 581 North Surf

ME = 0.8 MAE = 1.6  $R^2 = 0.1176$  NSE = -0.388

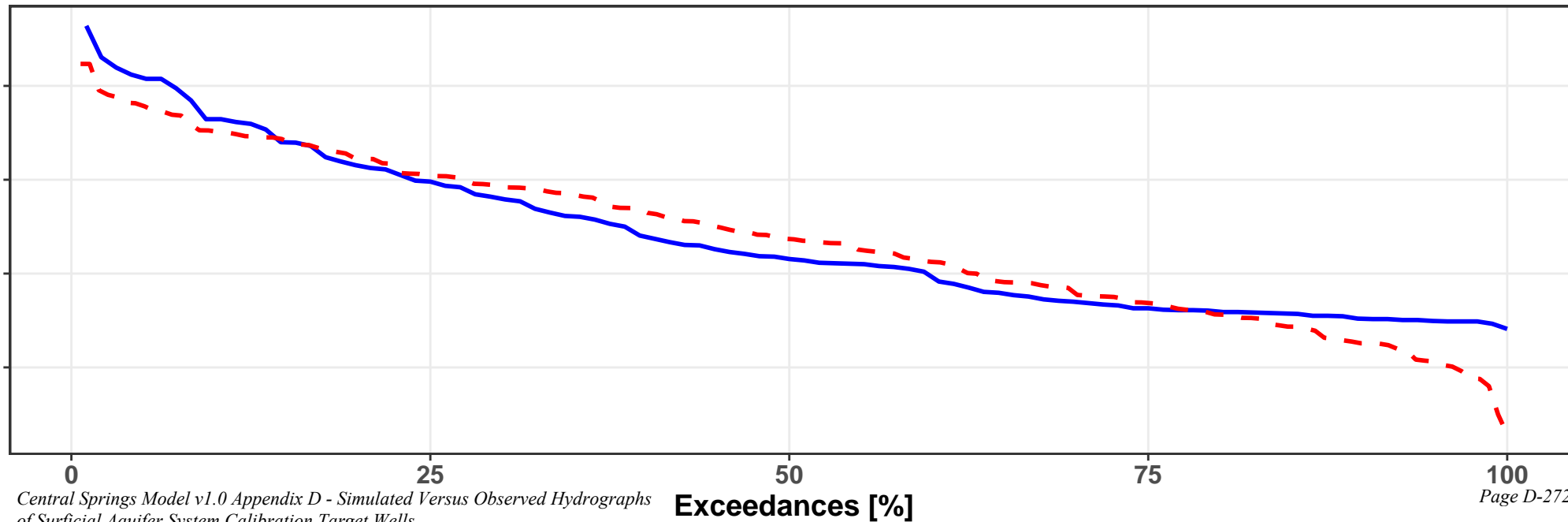
— Observed - - Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

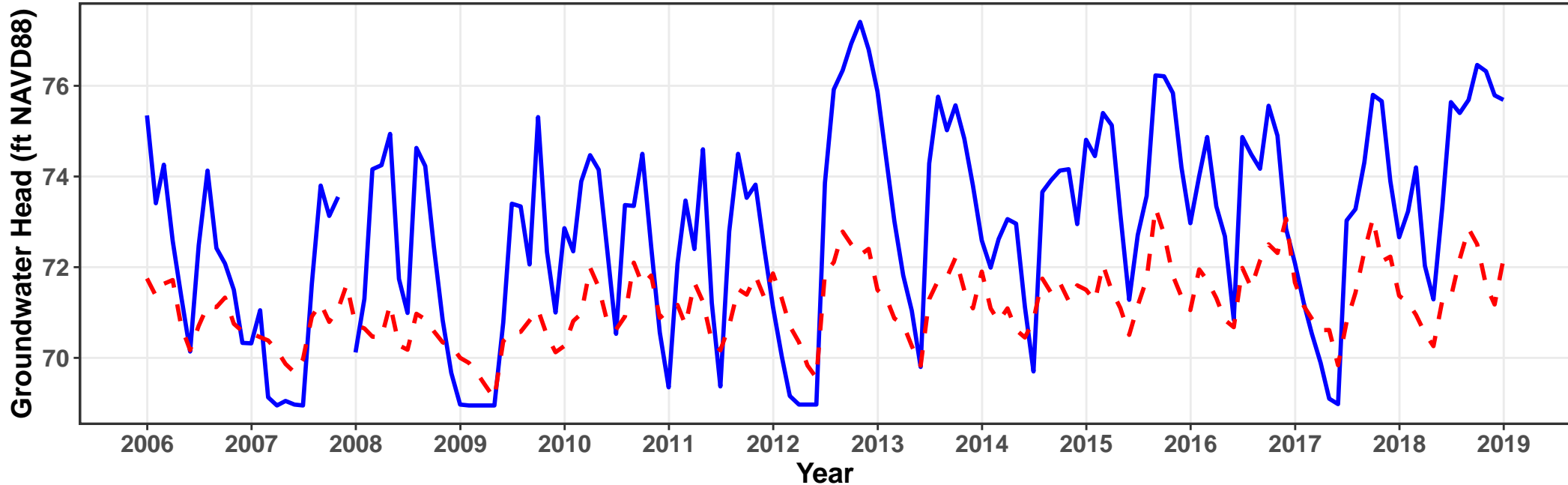
Water Level (Ft NAVD88)



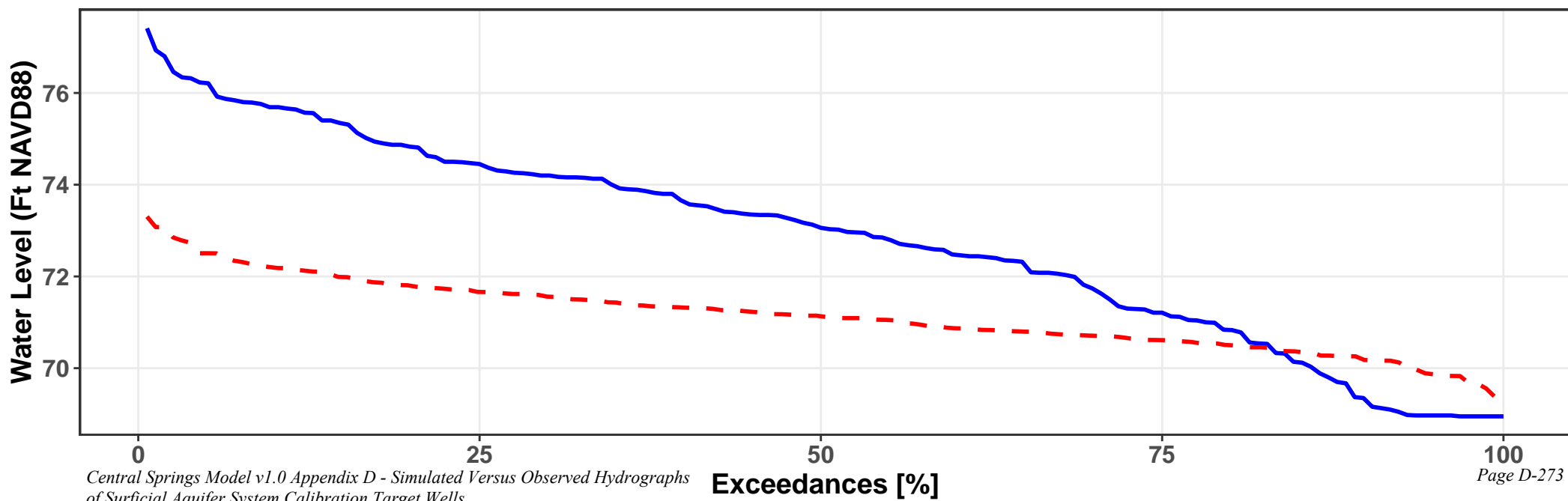
# SID18371 @ UHFDA Wet Prairie Wetland Surf

ME = -1.7 MAE = 2  $R^2 = 0.6265$  NSE = -0.16

— Observed - - Simulated



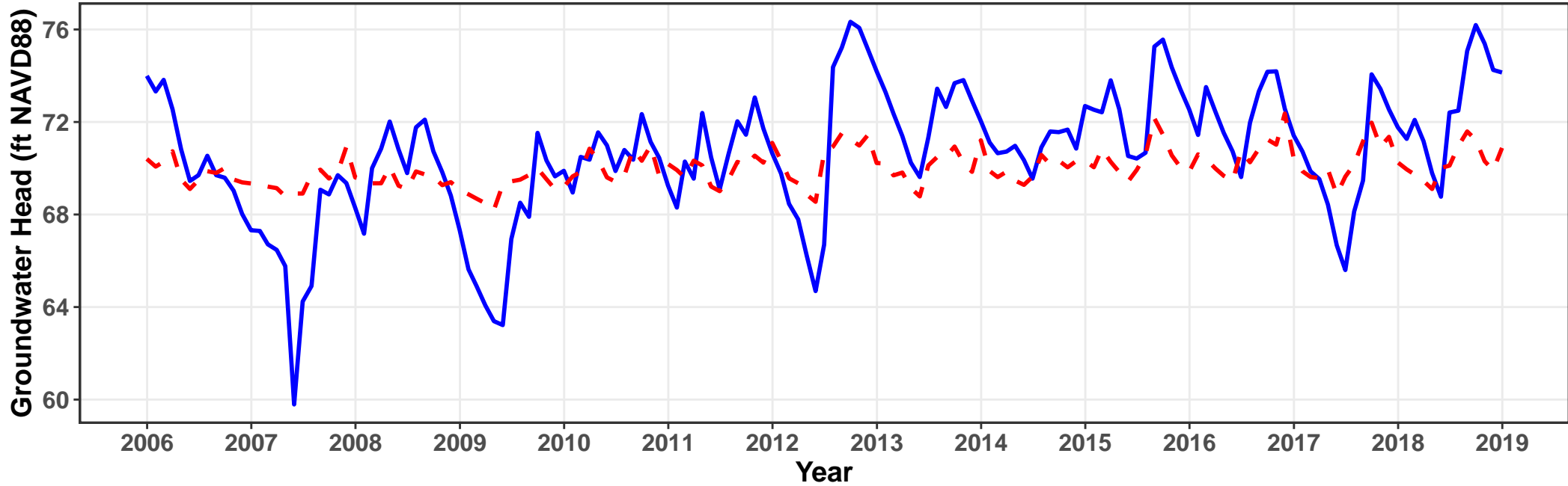
## Stage Duration Curve



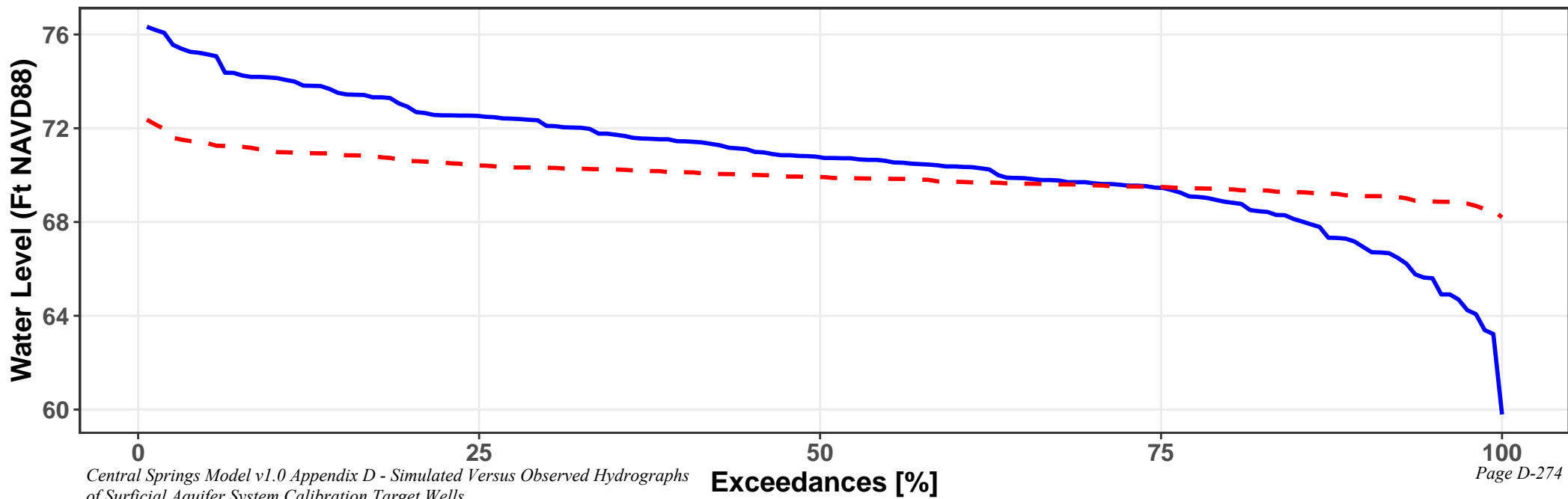
# SID18378 @ UHFDA Cypress 1 Upland Surf

ME = -0.6 MAE = 2  $R^2 = 0.5015$  NSE = 0.255

— Observed - - Simulated



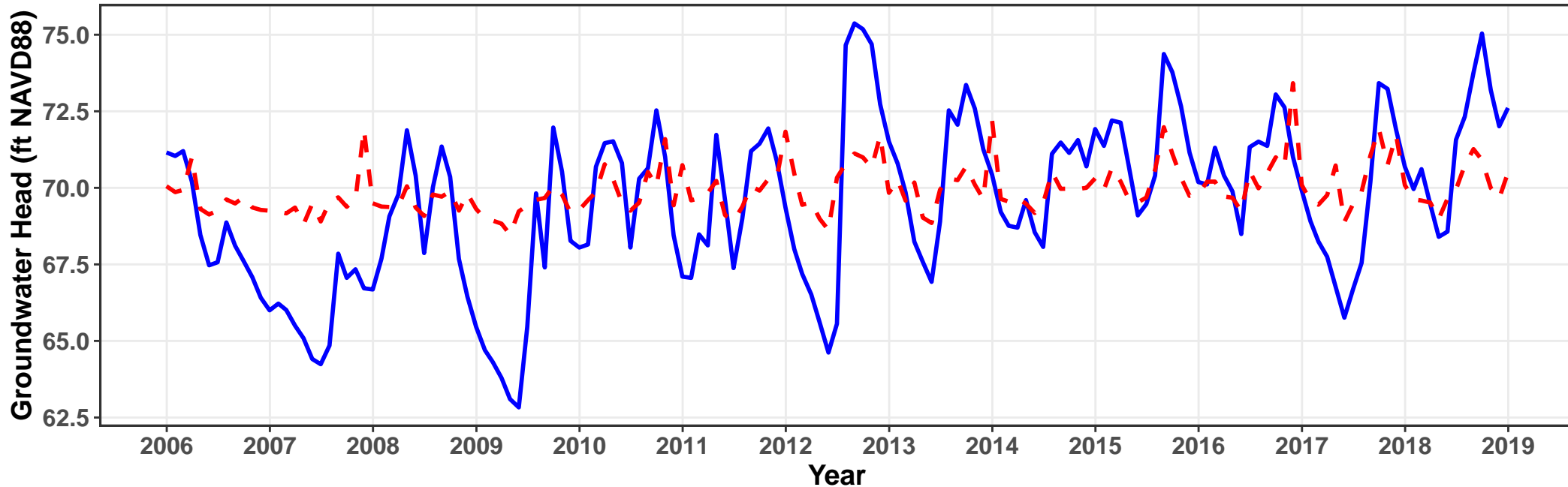
## Stage Duration Curve



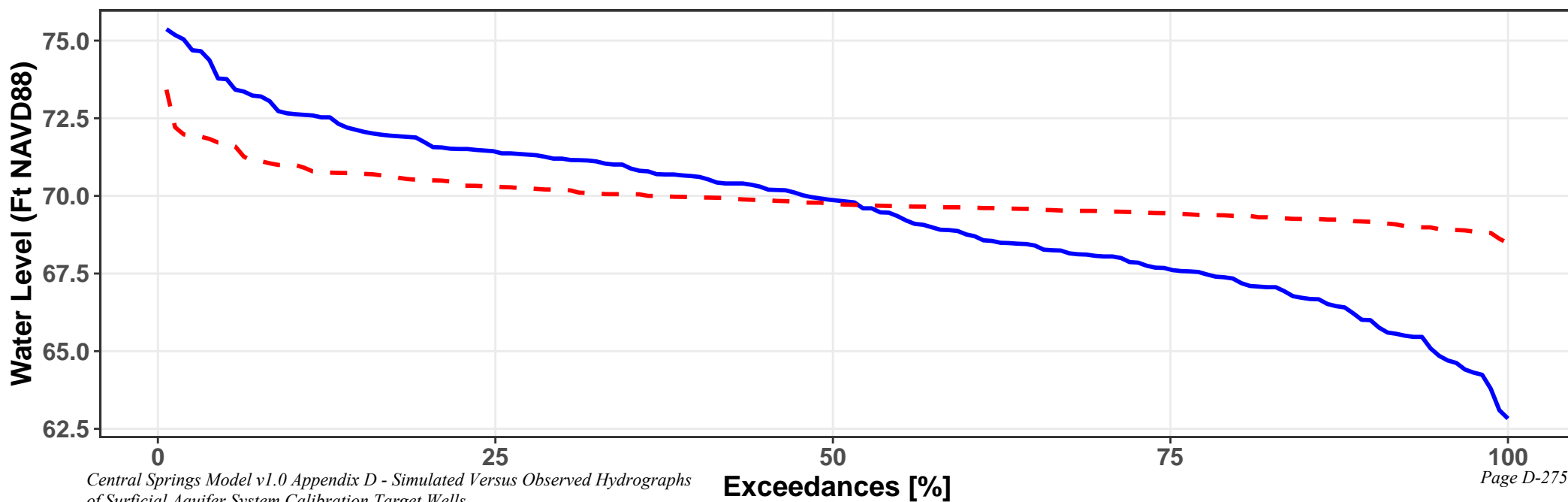
# SID18384 @ Plaza Materials Surf

ME = 0.4 MAE = 1.9  $R^2 = 0.4002$  NSE = 0.259

— Observed - - Simulated



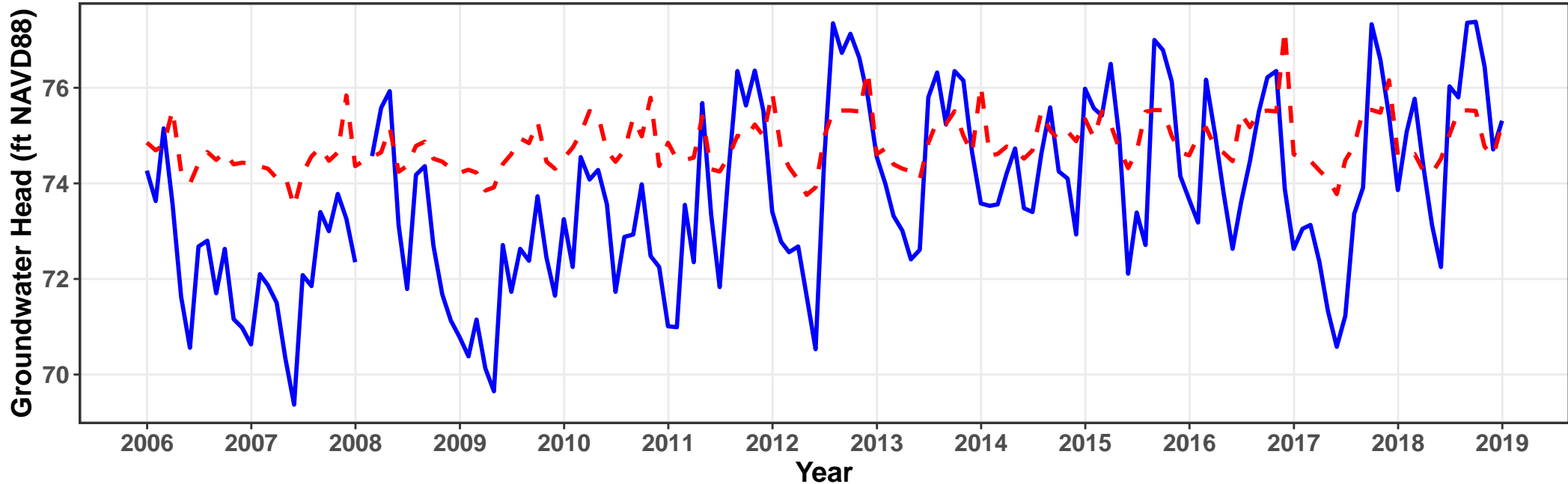
## Stage Duration Curve



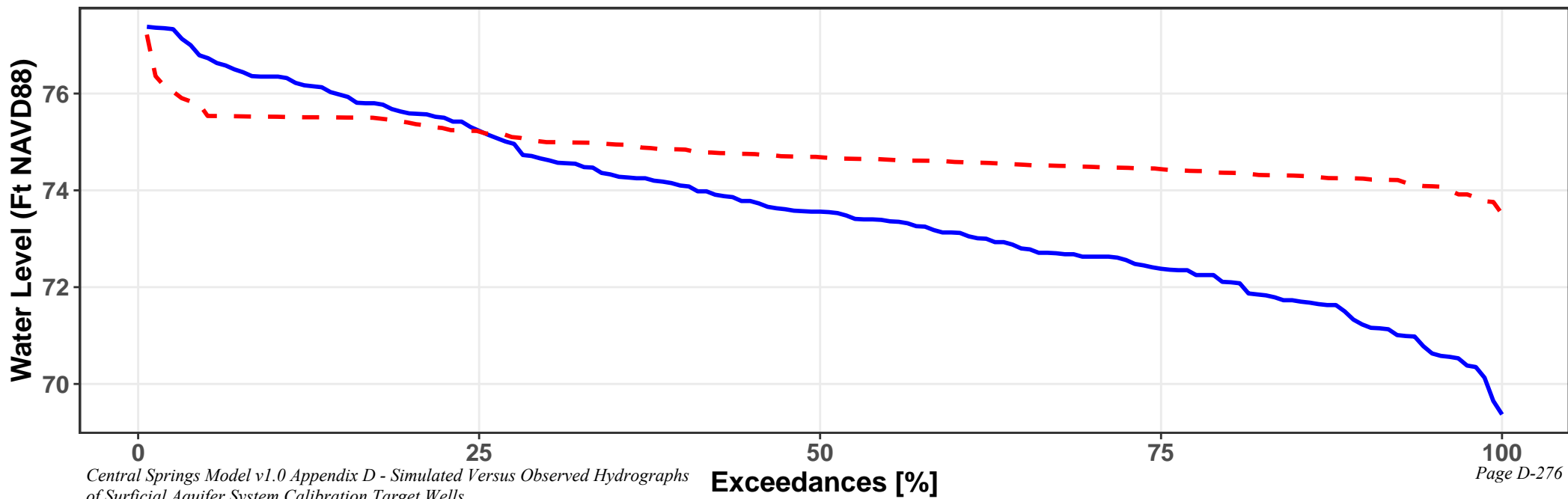
# SID18389 @ UHFDA Cypress 3 Wetland Surf

ME = 1.1 MAE = 1.6  $R^2 = 0.4508$  NSE = -0.058

— Observed - - Simulated



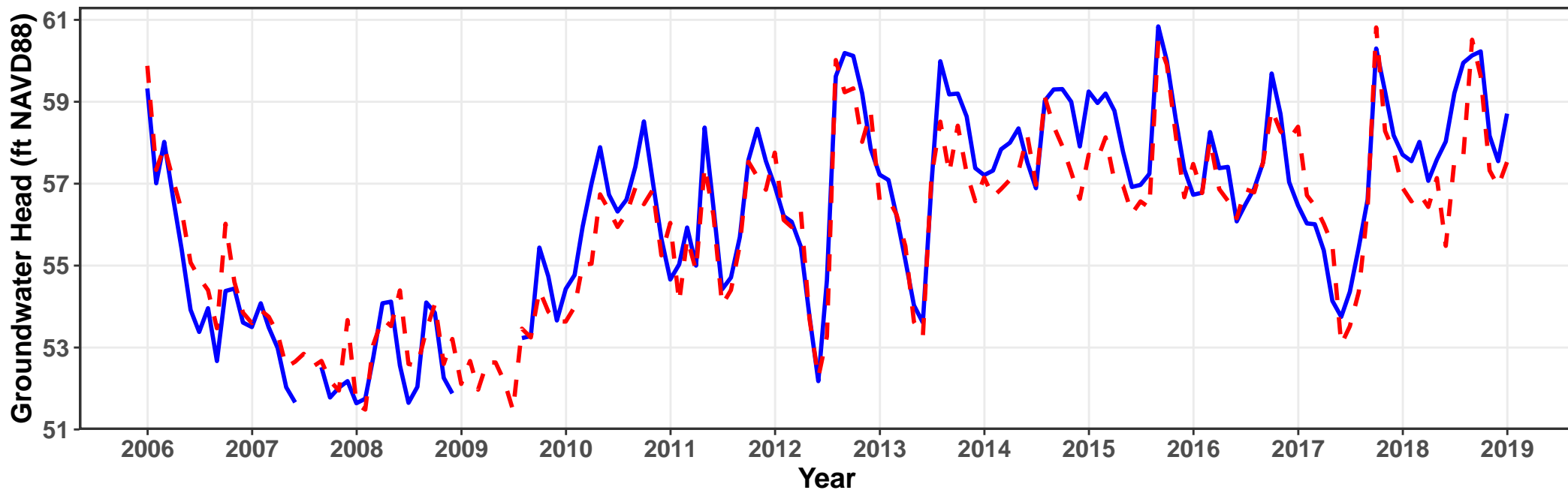
## Stage Duration Curve



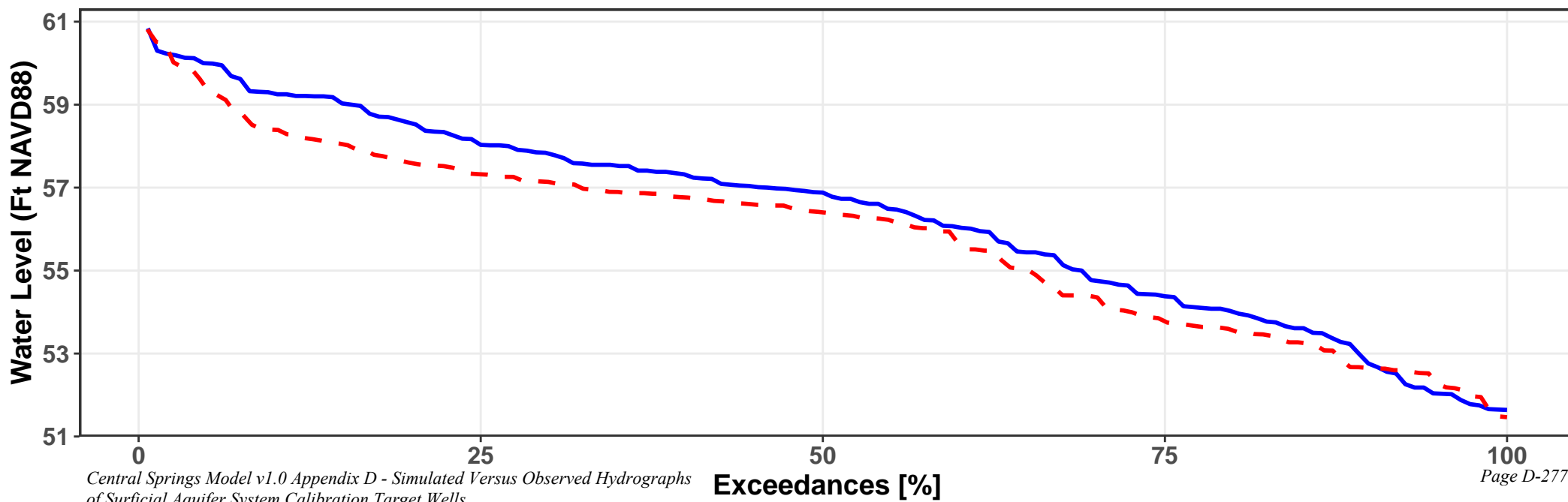
# SID18396 @ Cypress Creek TMR-4 Shallow

ME = -0.3 MAE = 0.7  $R^2 = 0.8807$  NSE = 0.863

— Observed - - Simulated



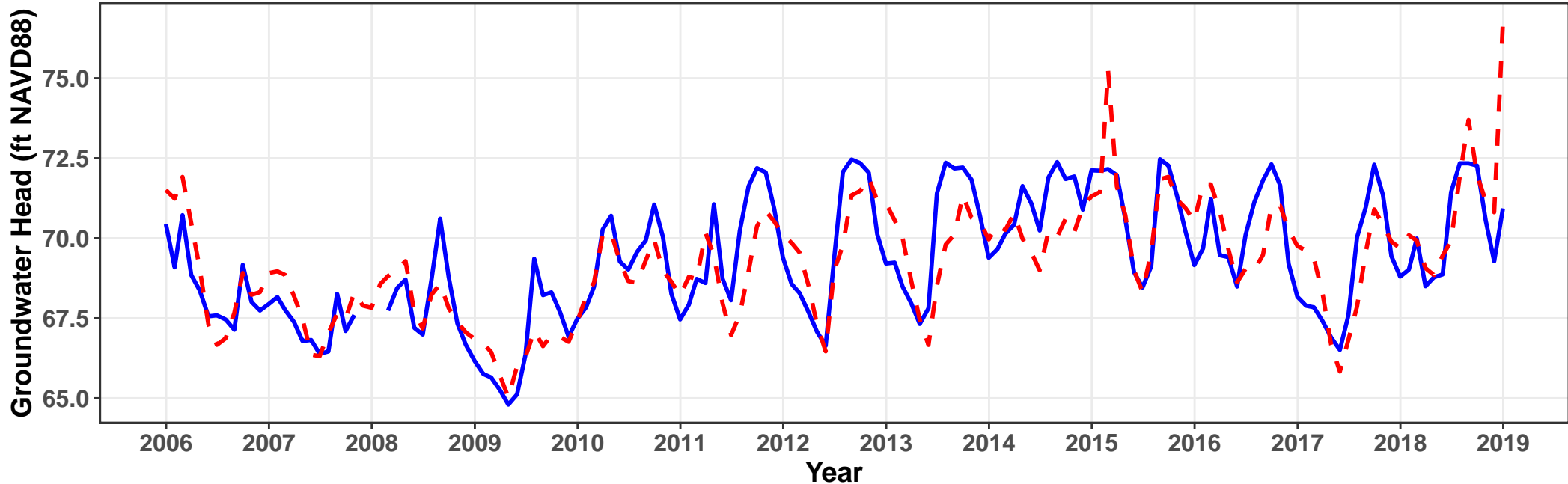
## Stage Duration Curve



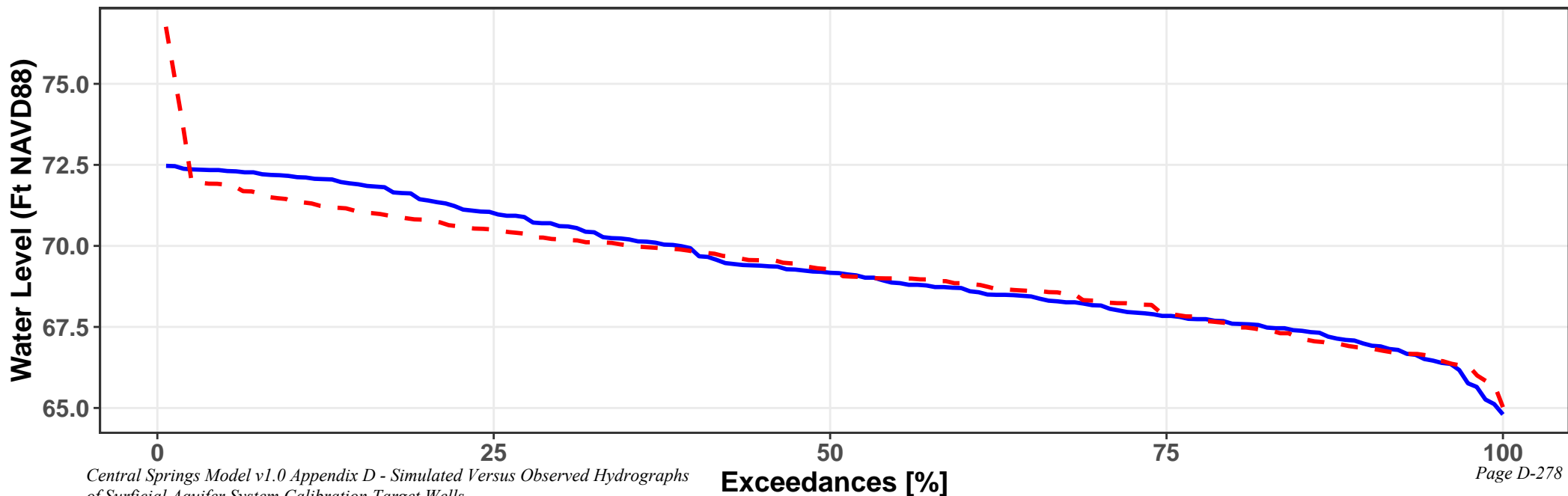
# SID18420 @ Saddlewood Surf

ME = -0.1 MAE = 0.9  $R^2 = 0.6199$  NSE = 0.591

— Observed - - Simulated



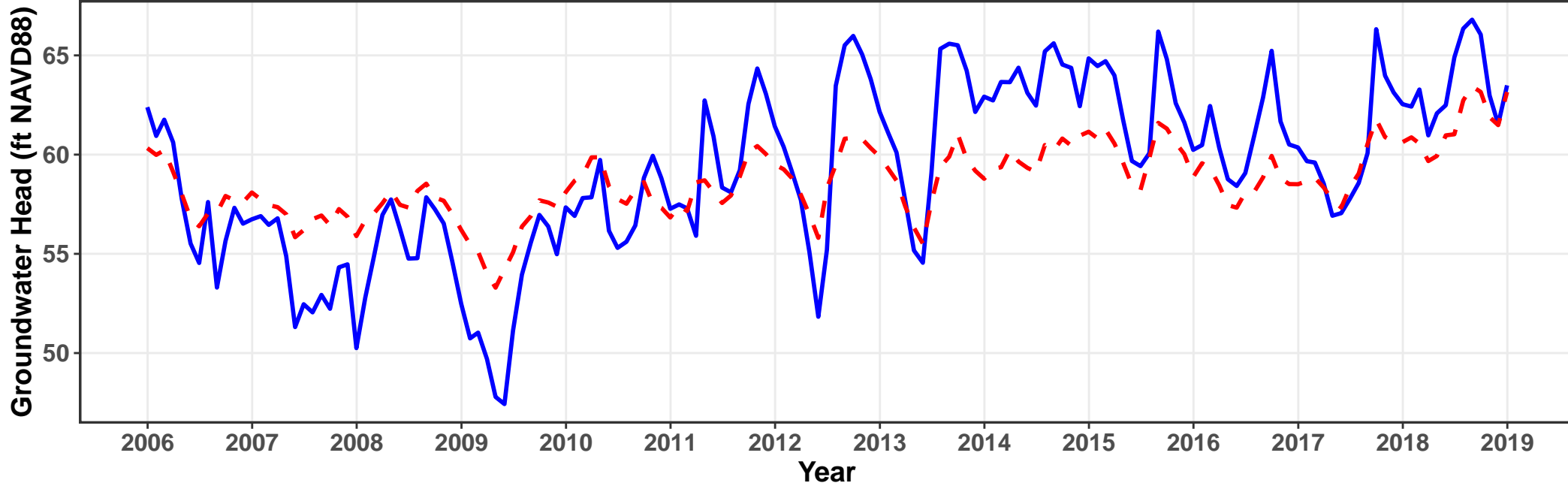
## Stage Duration Curve



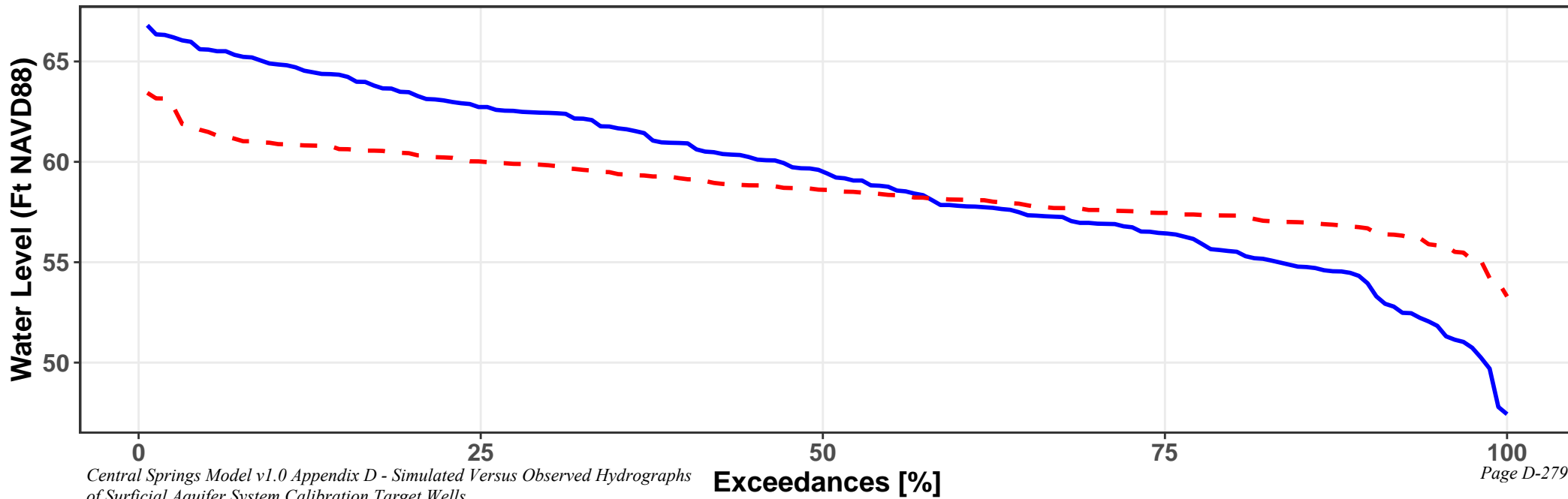
# SID18431 @ Cypress Creek TMR-1 Shallow Repl

ME = -0.6 MAE = 2.4  $R^2 = 0.8275$  NSE = 0.571

— Observed - - Simulated



## Stage Duration Curve

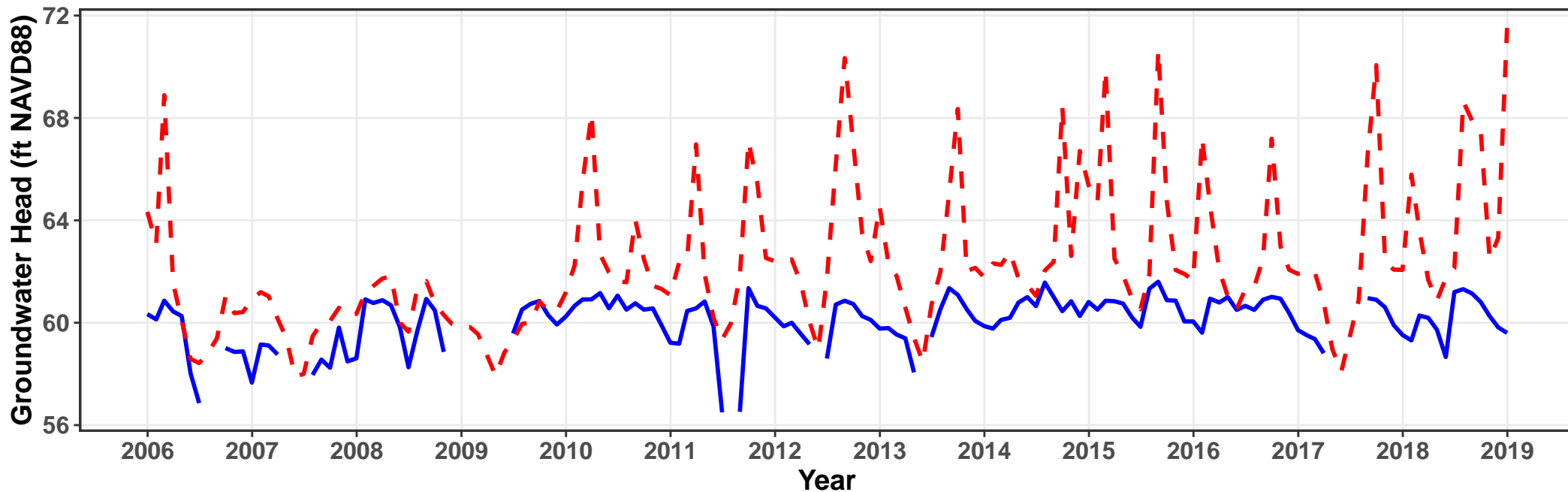




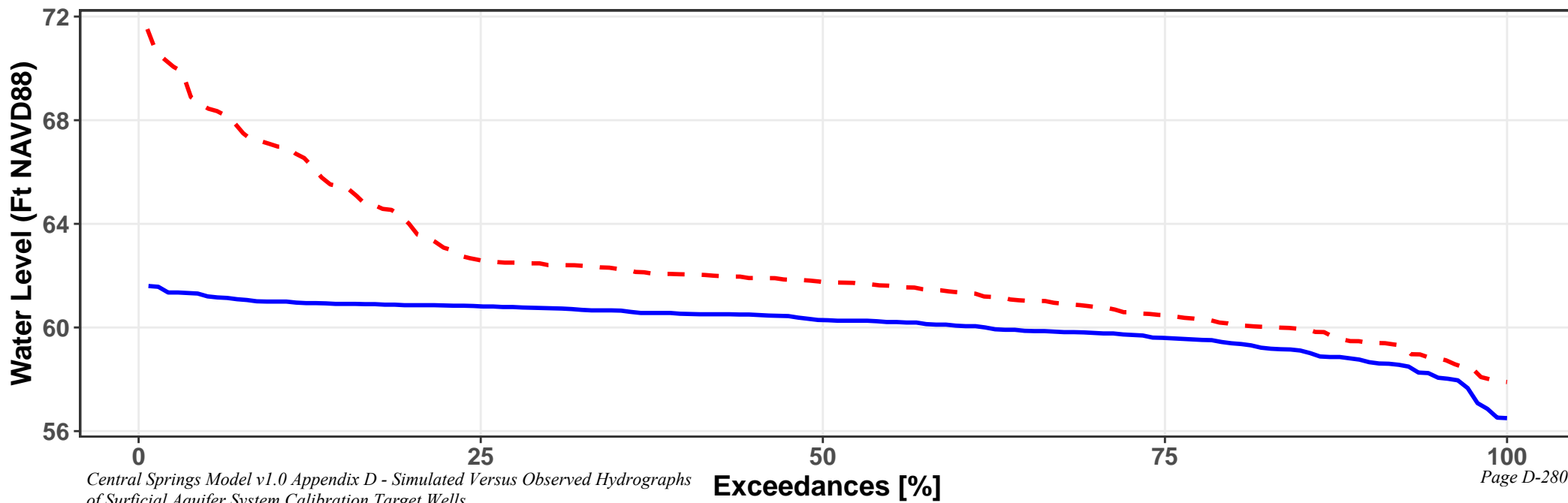
# SID18482 @ SR 54 Grand Oaks Wetland Surf

ME = 2.6 MAE = 2.6  $R^2 = 0.239$  NSE = -11.25

— Observed — Simulated



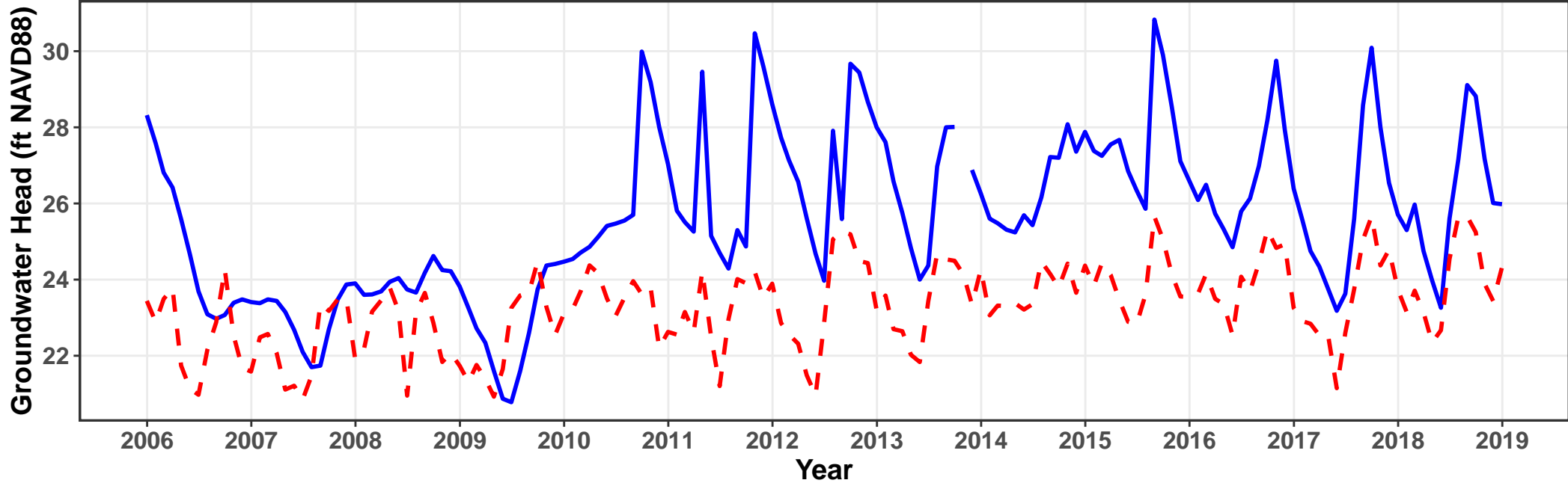
## Stage Duration Curve



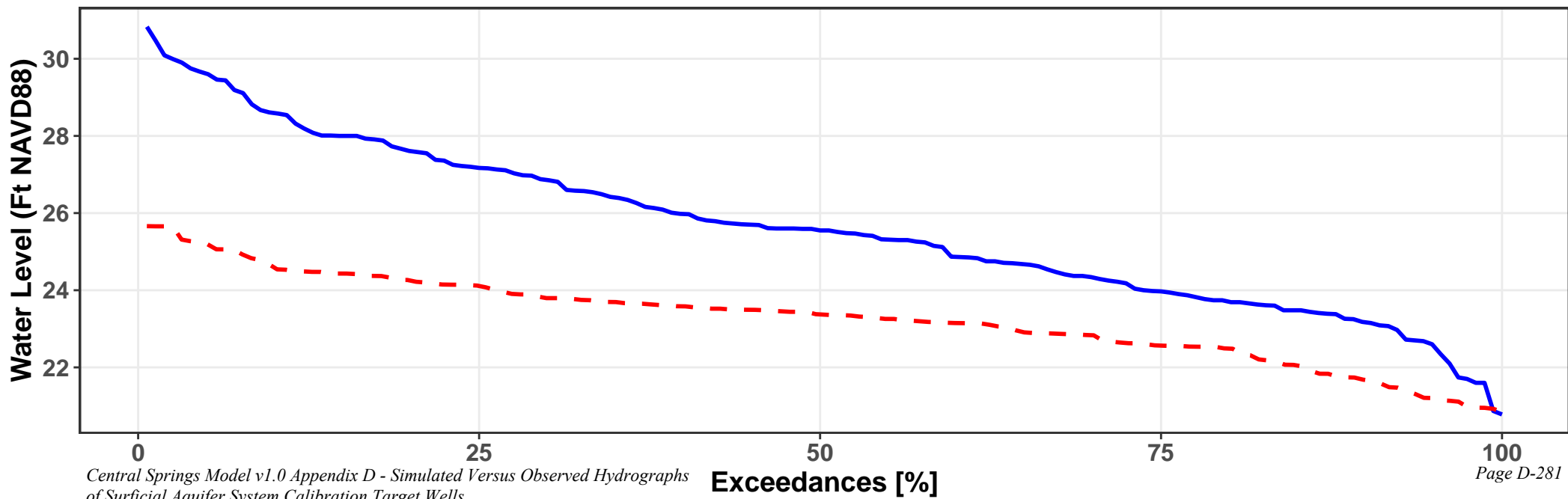
# SID18512 @ Trout Creek Subdivision Surf

ME = -2.4 MAE = 2.5  $R^2 = 0.4256$  NSE = -0.814

— Observed — Simulated



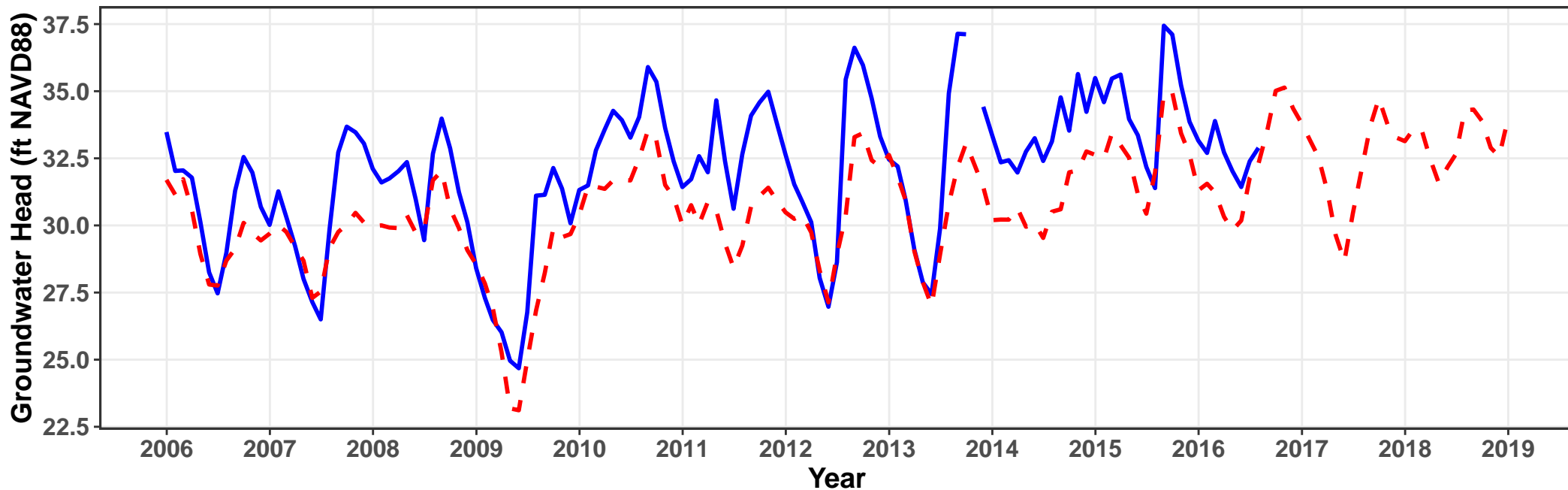
## Stage Duration Curve



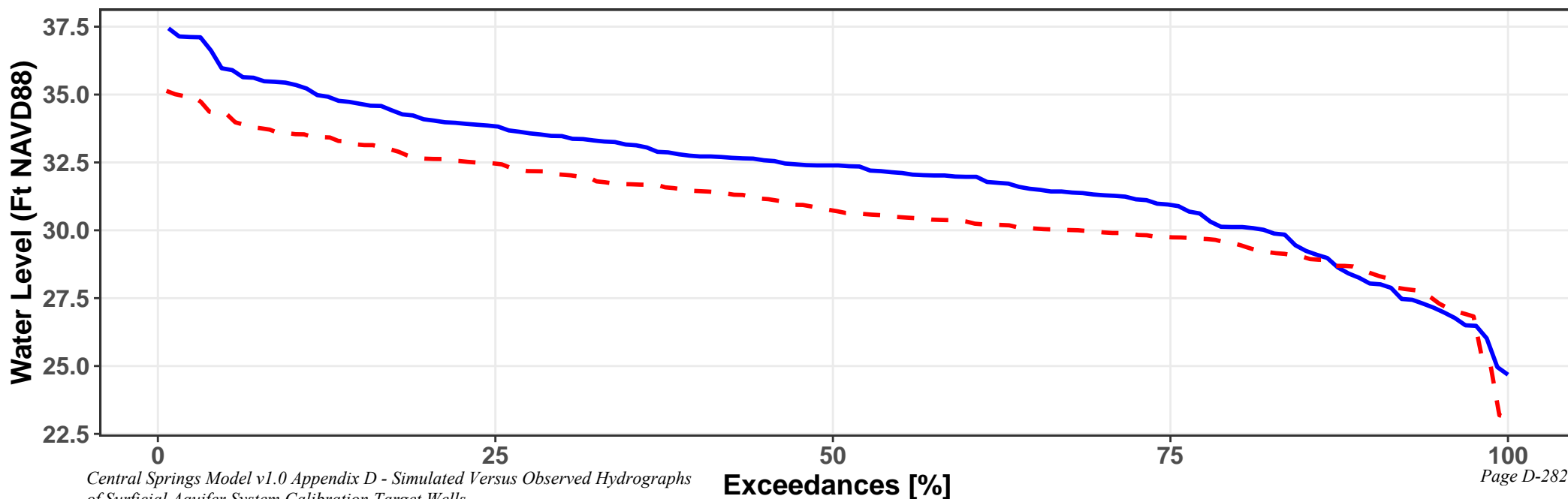
# SID18547 @ Morris Bridge 3A Surf

ME = -1.7 MAE = 1.8  $R^2 = 0.7848$  NSE = 0.347

— Observed - - Simulated



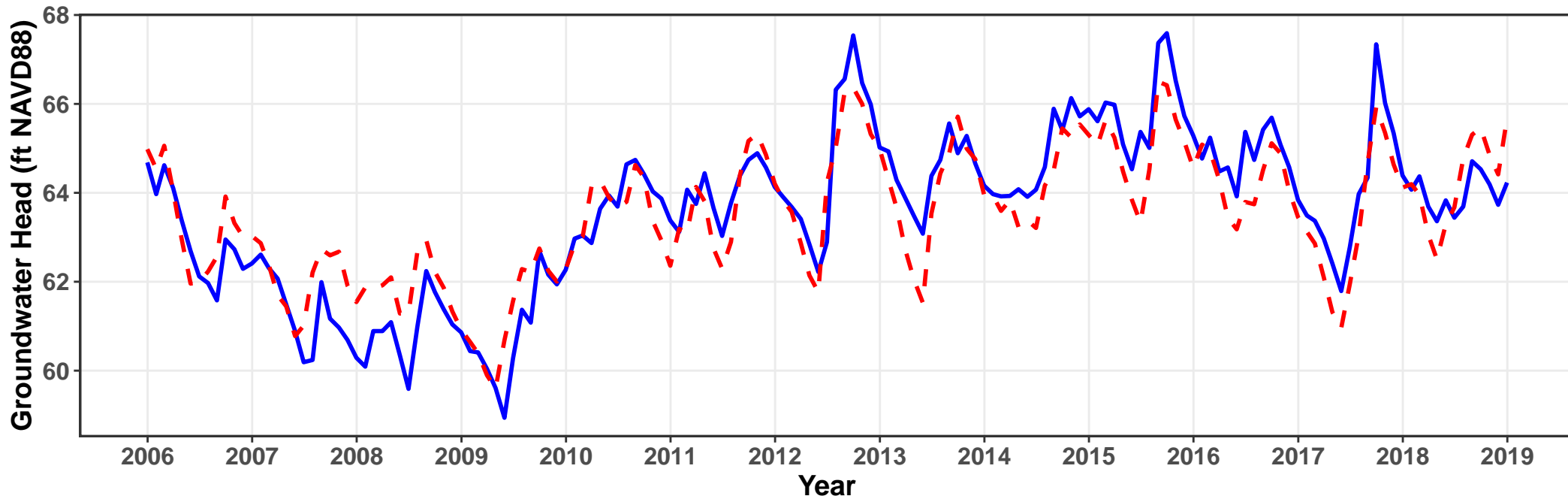
## Stage Duration Curve



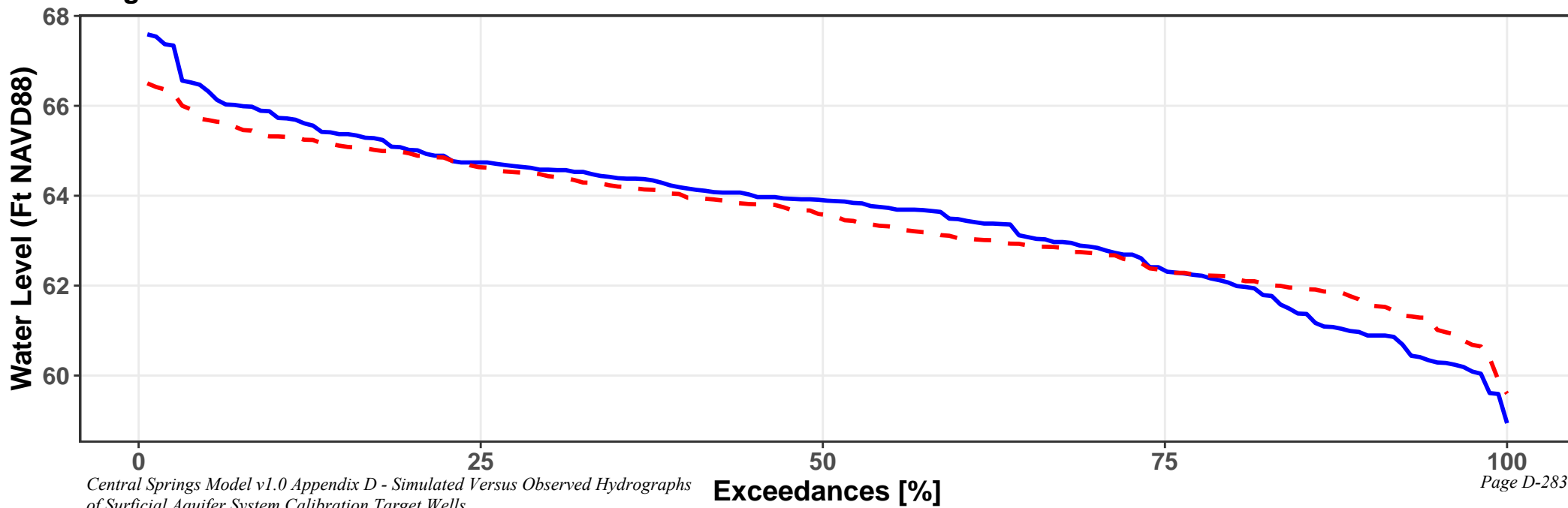
# SID18597 @ Newberger Road Surf

ME = -0.1 MAE = 0.6  $R^2 = 0.8146$  NSE = 0.804

— Observed - - Simulated

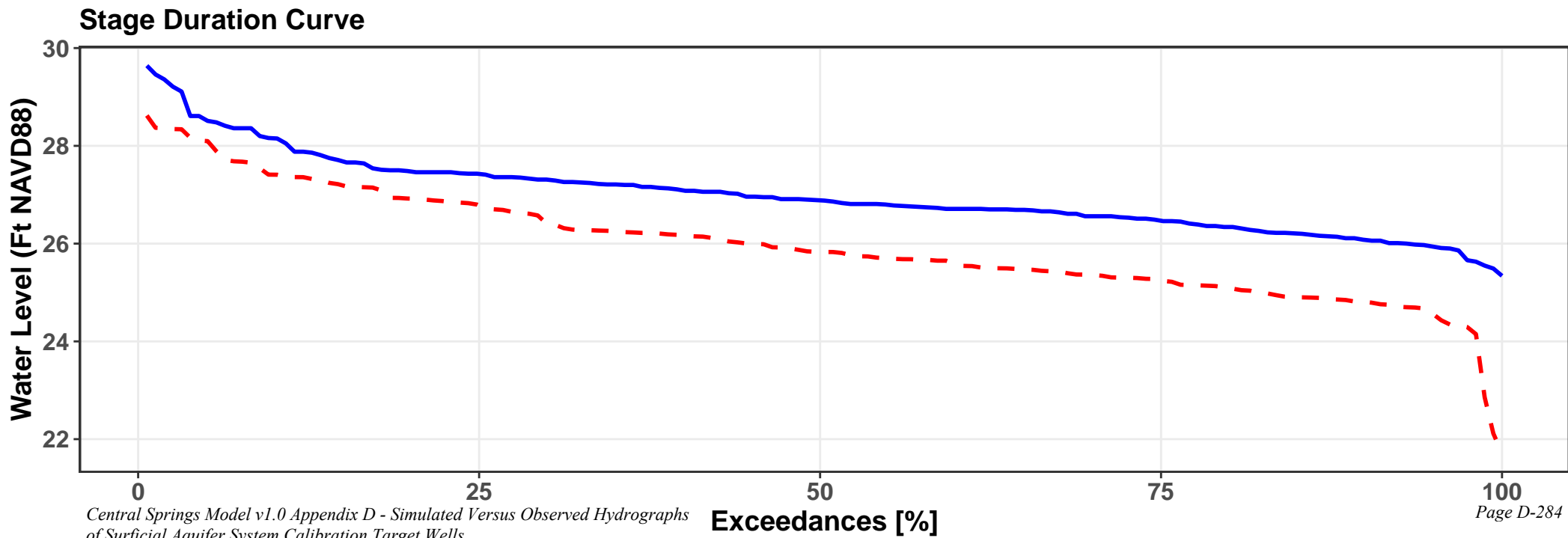
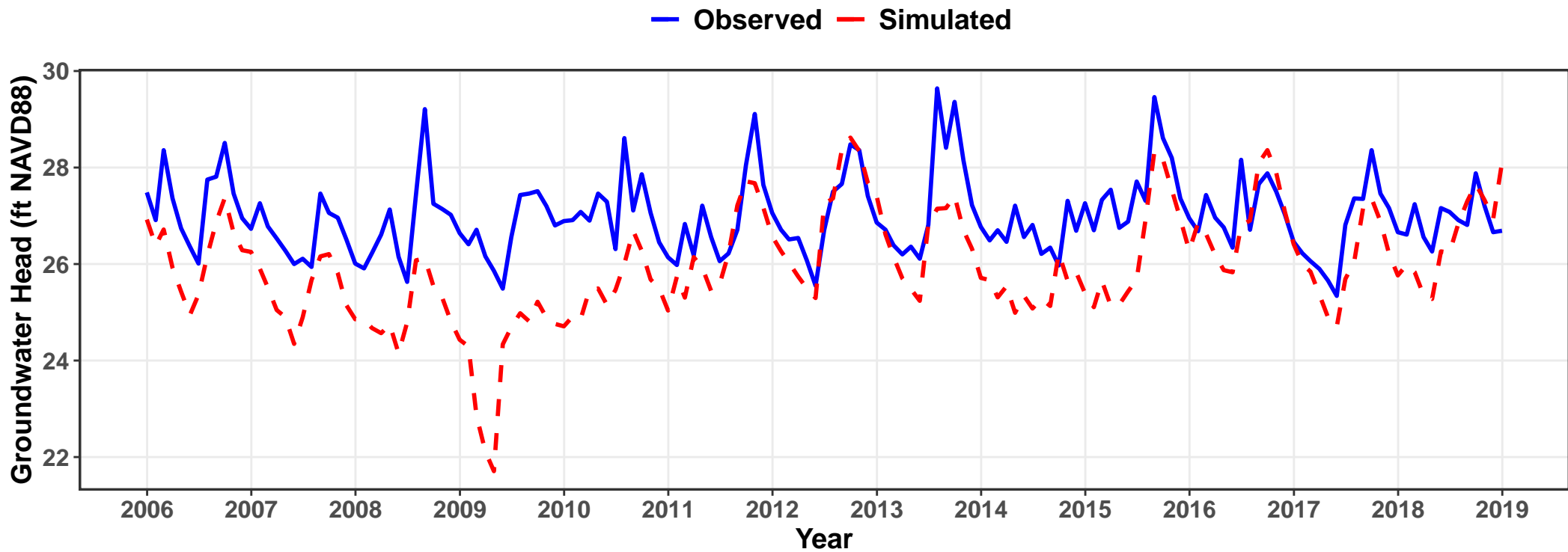


## Stage Duration Curve



# SID18656 @ Oak Grove Junior High School Surf

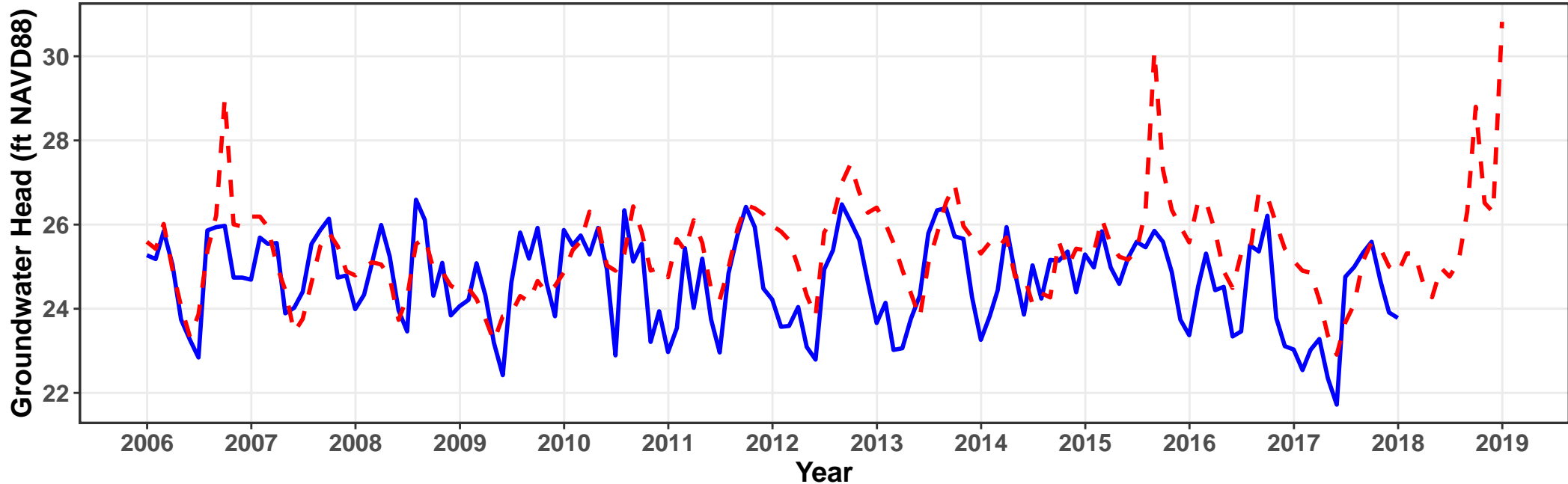
ME = -1 MAE = 1.1  $R^2 = 0.3648$  NSE = -1.977



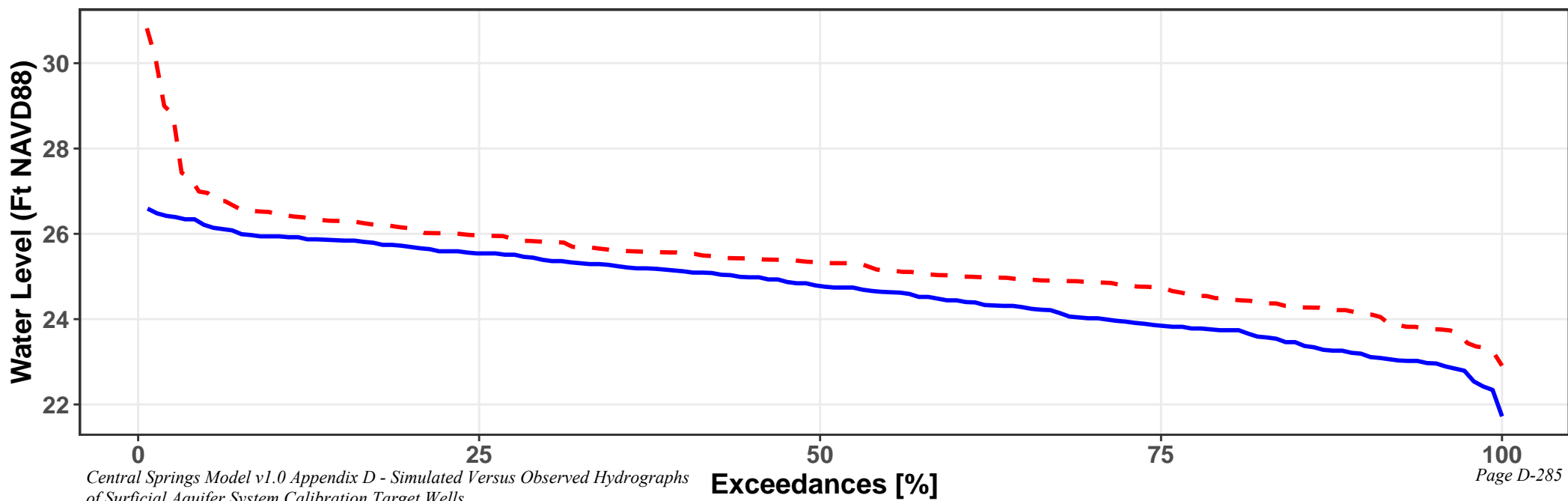
# SID18660 @ Alexander Elementary School Surf Plgd

ME = 0.6 MAE = 0.9  $R^2 = 0.2706$  NSE = -0.284

— Observed - - Simulated



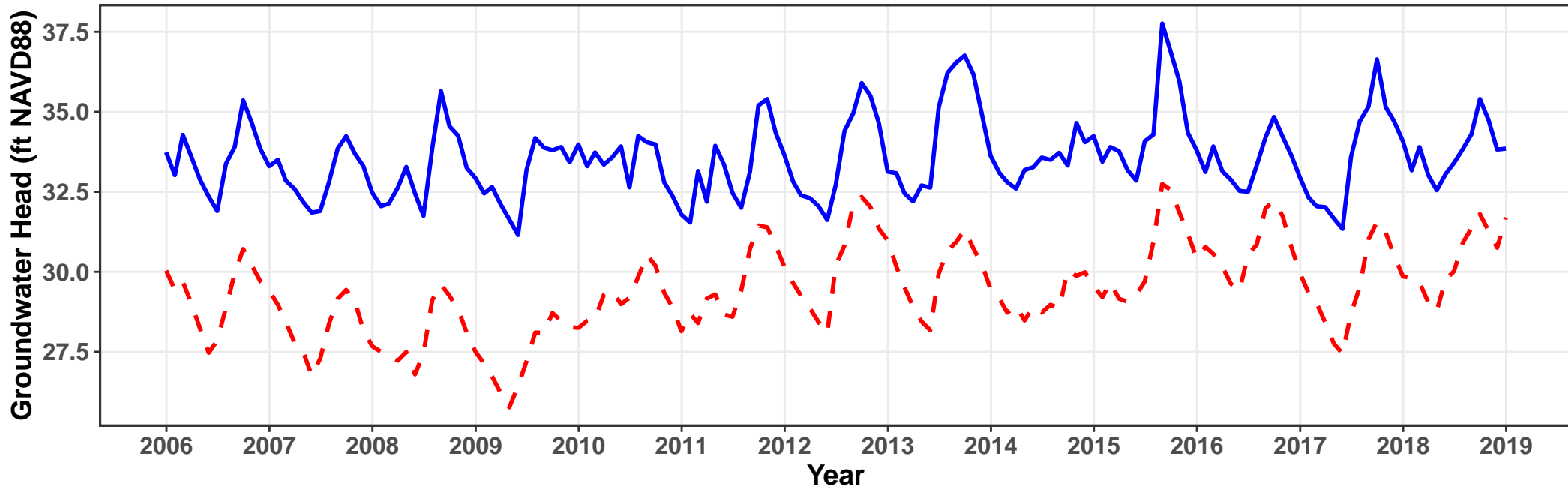
## Stage Duration Curve



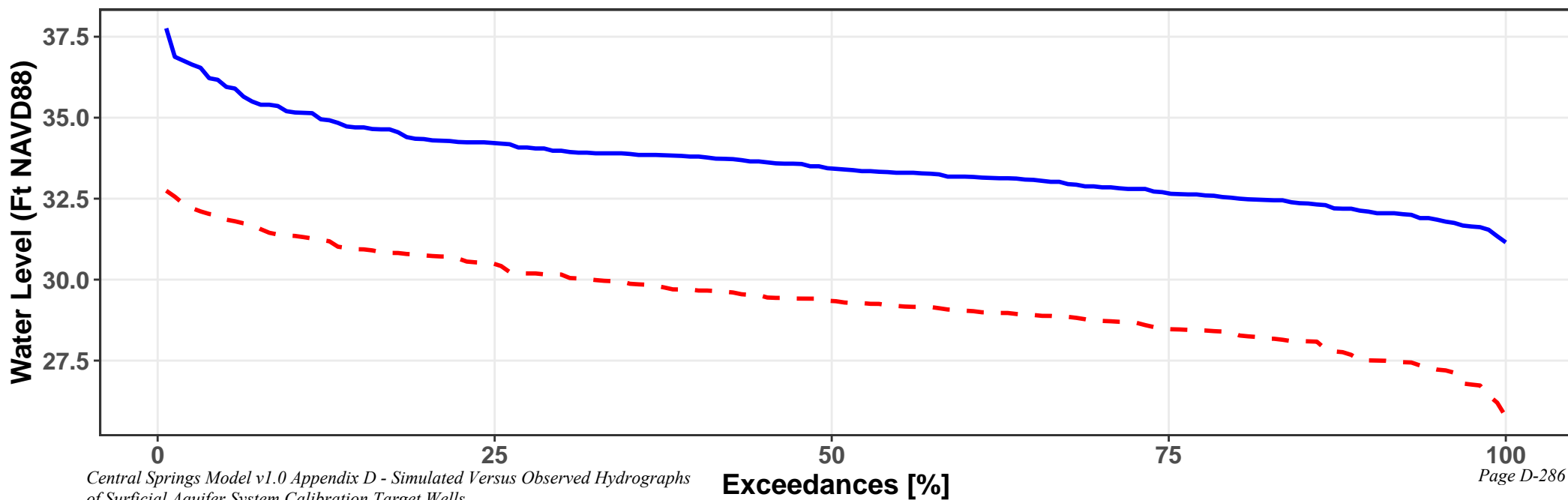
# SID18671 @ Twin Lakes Elementary Surf

ME = -4.1 MAE = 4.1  $R^2 = 0.5538$  NSE = -11.357

— Observed — Simulated



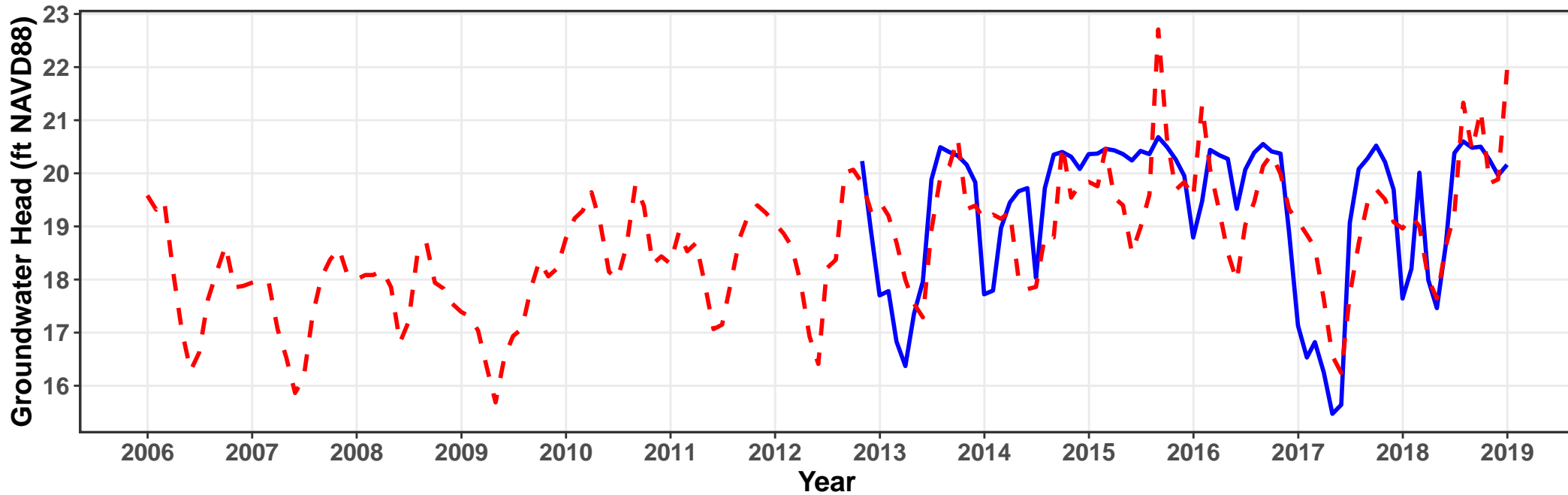
## Stage Duration Curve



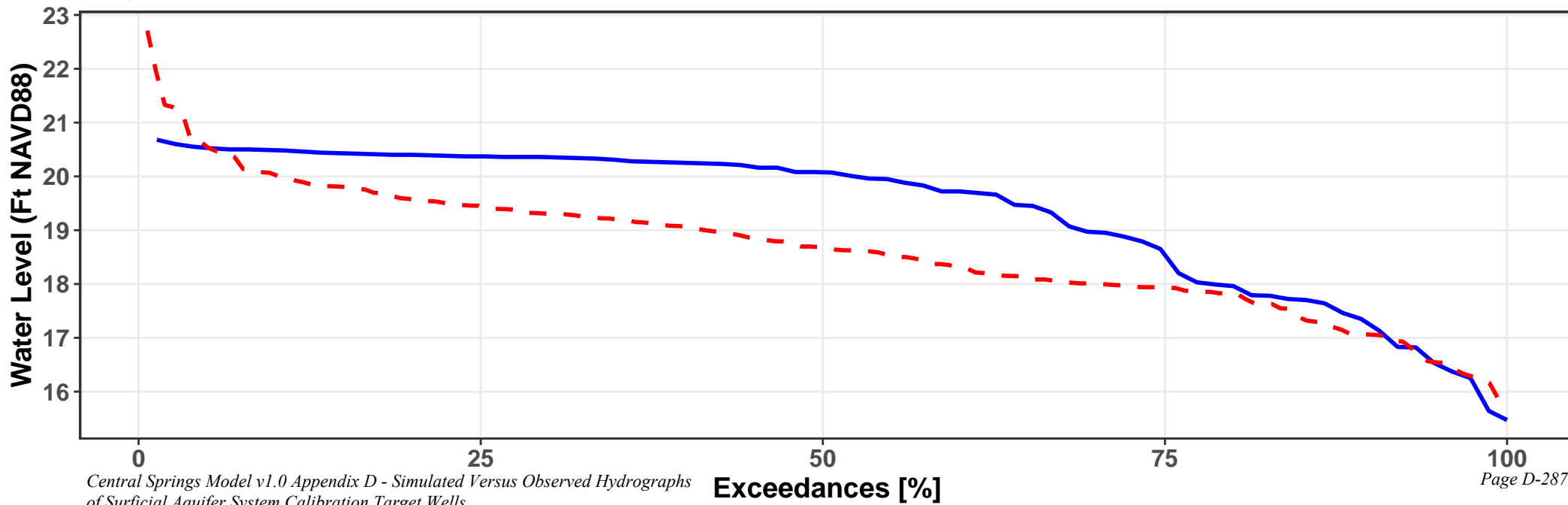
# SID18715 @ Eureka Springs Landfill Shallow

ME = -0.1 MAE = 0.9  $R^2 = 0.4293$  NSE = 0.406

— Observed — Simulated



## Stage Duration Curve

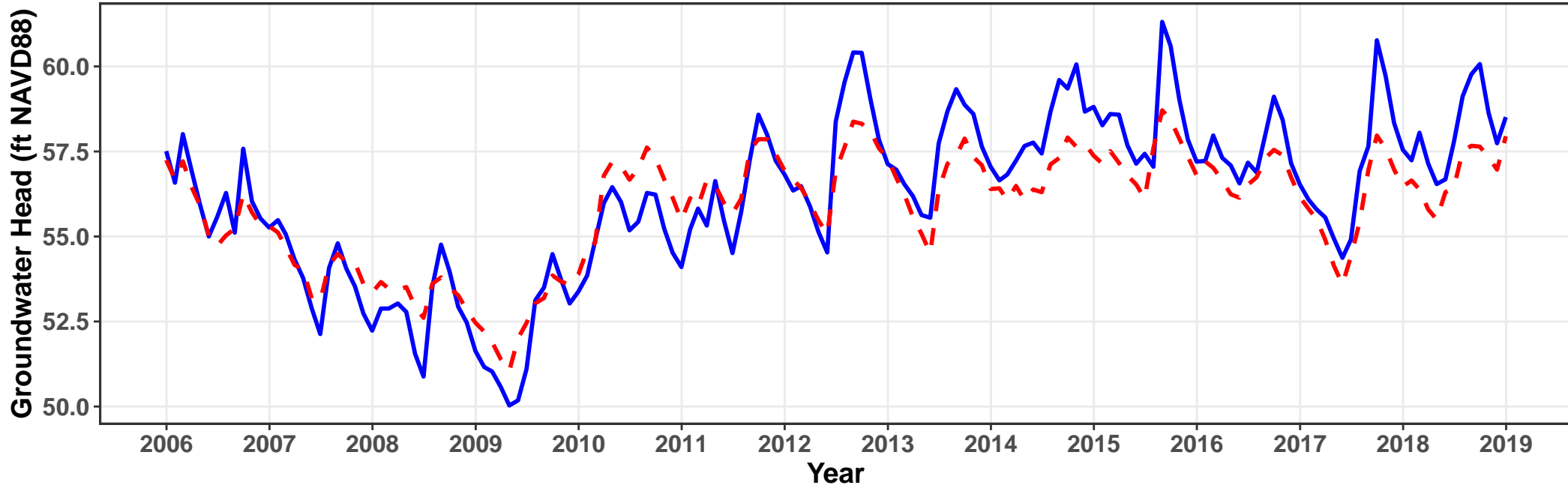




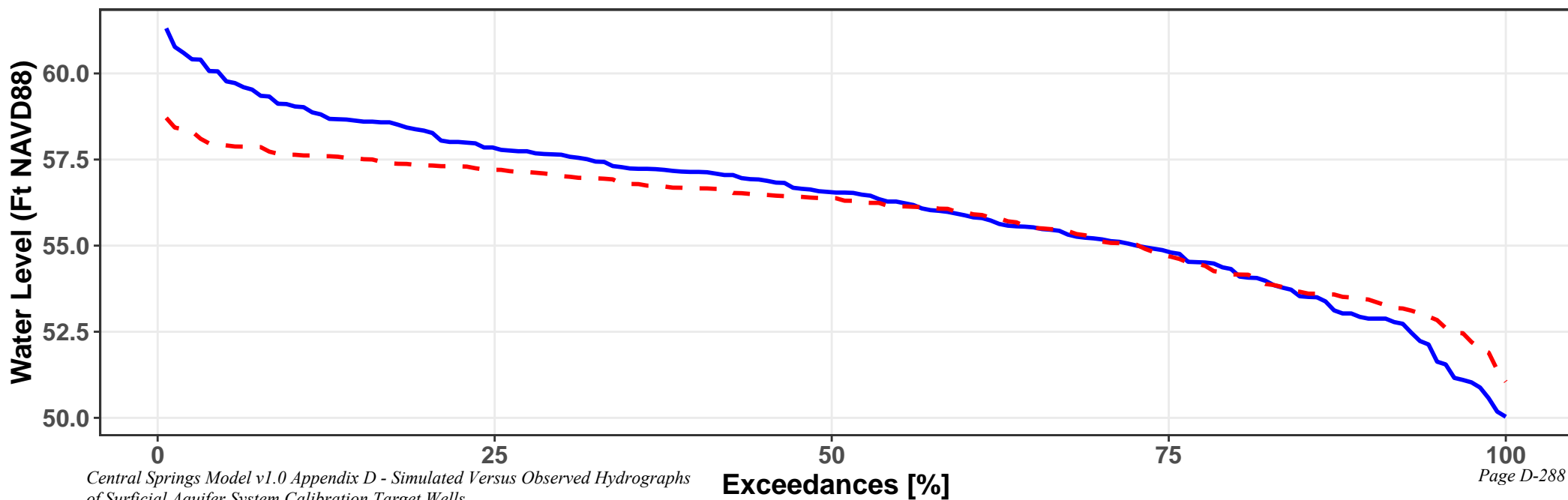
# SID18815 @ Debuel Road Shallow

ME = -0.3 MAE = 0.9  $R^2 = 0.8751$  NSE = 0.802

— Observed - - Simulated



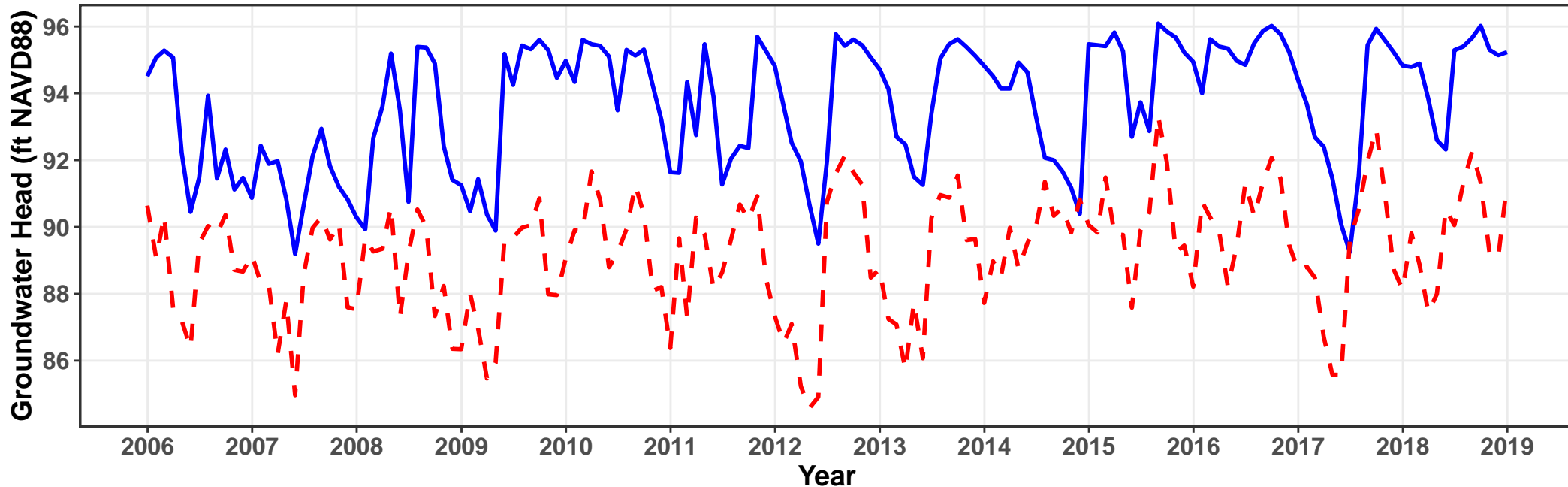
## Stage Duration Curve



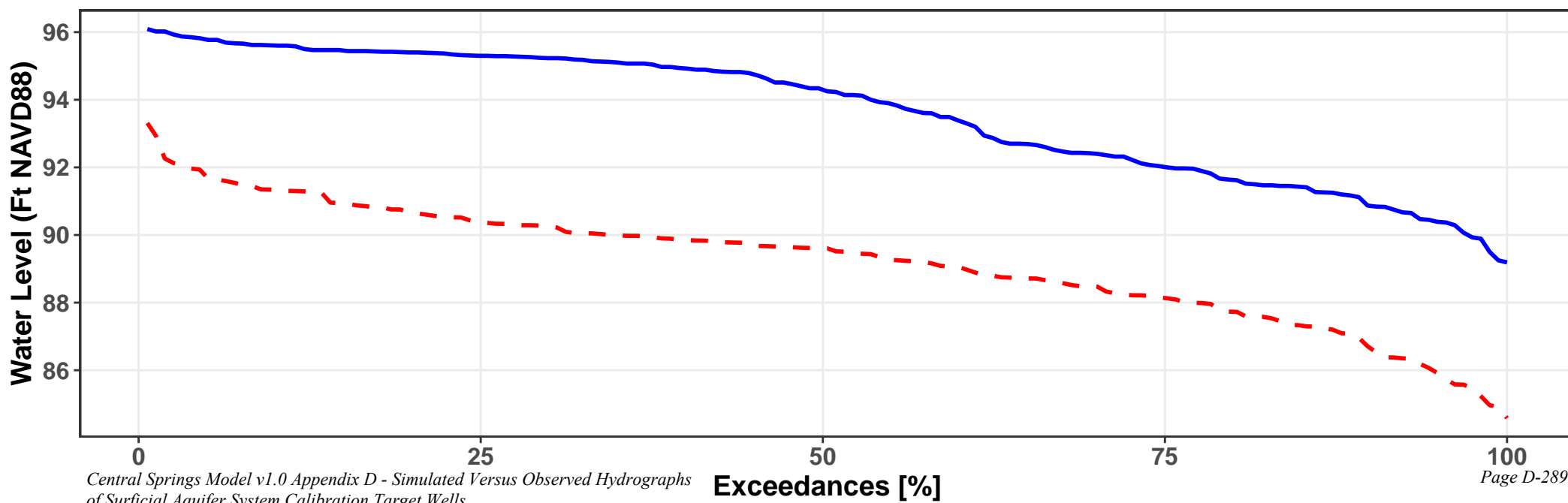
# SID18832 @ Alston Cypress 1 Wetland Surf

ME = -4.4 MAE = 4.4  $R^2 = 0.306$  NSE = -5.418

— Observed — Simulated



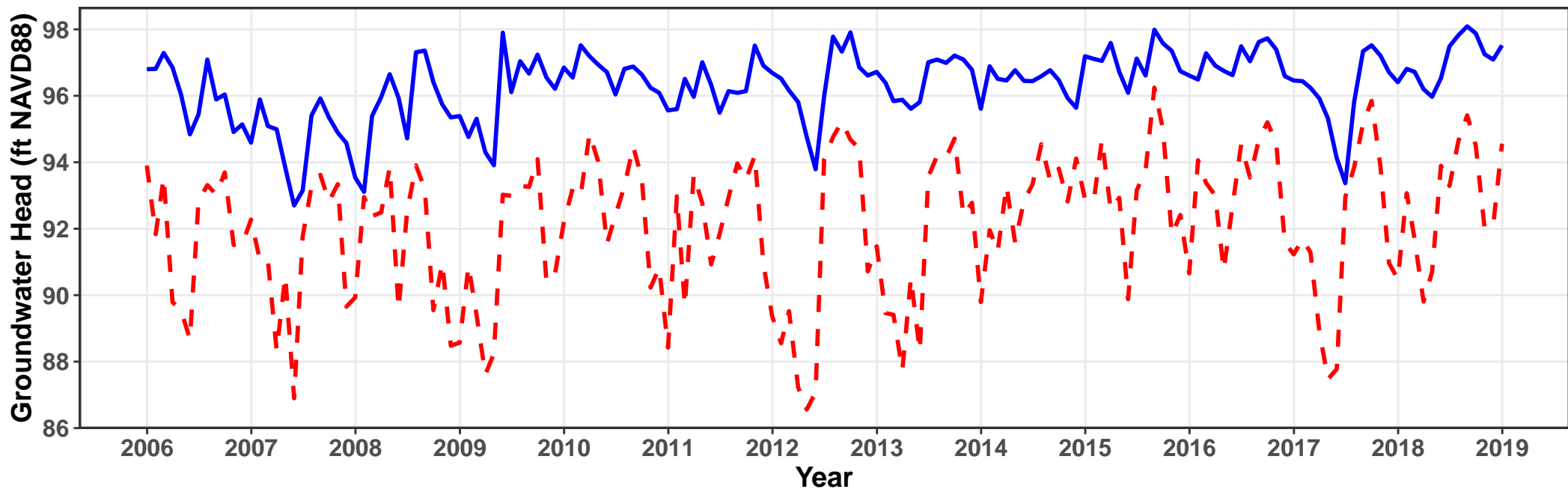
## Stage Duration Curve



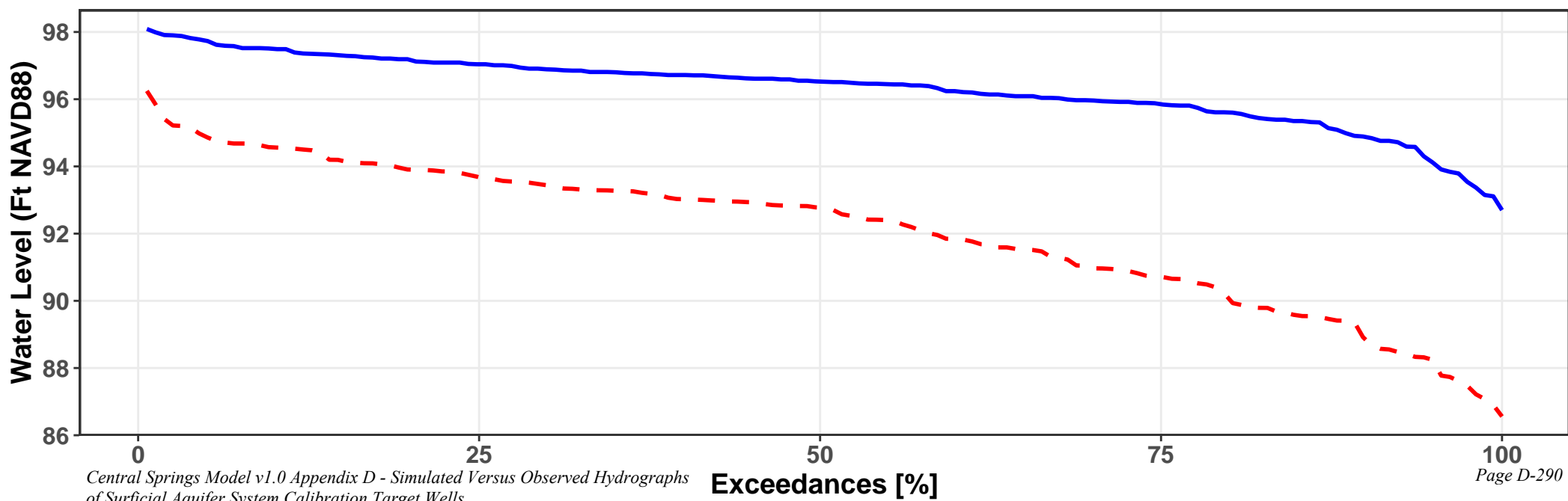
# SID18838 @ Alston Bay Upland Surf

ME = -4.2 MAE = 4.2  $R^2 = 0.348$  NSE = -17.659

— Observed — Simulated



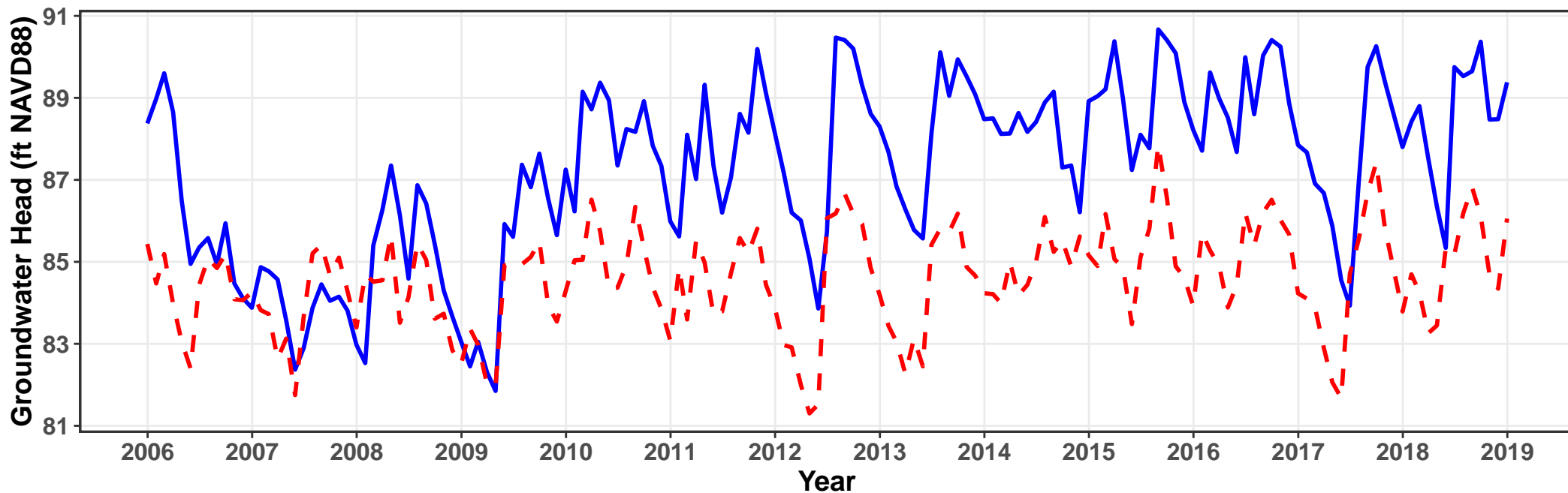
## Stage Duration Curve



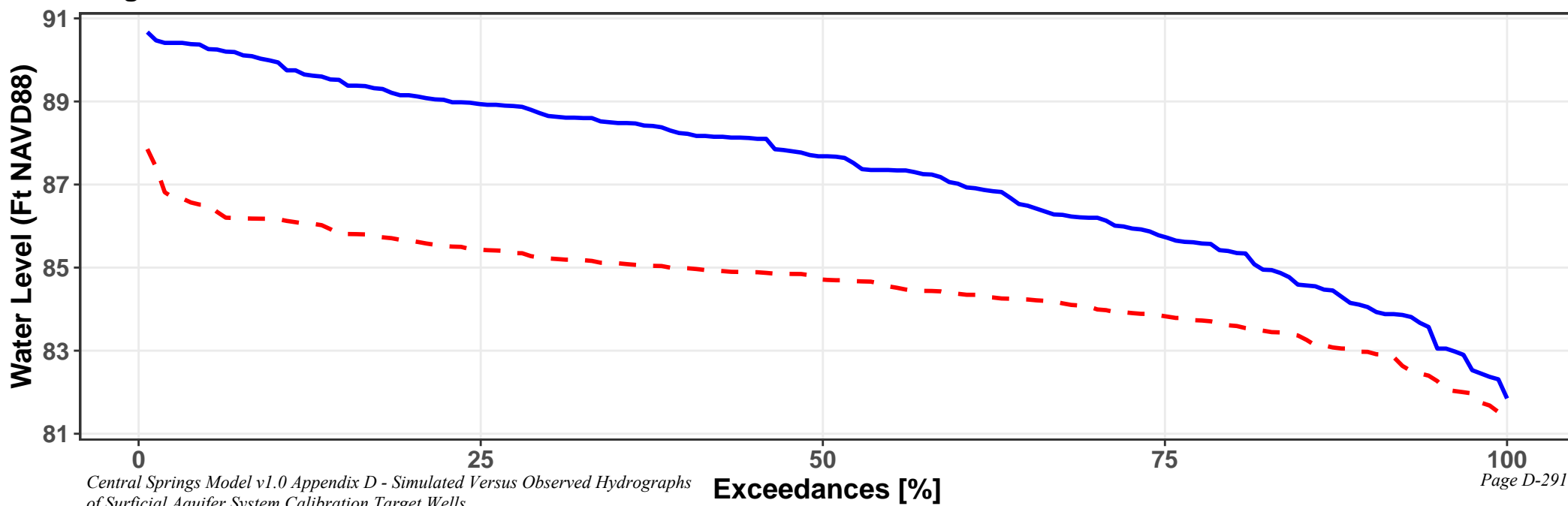
# SID18842 @ Alston Cypress 2 Upland Surf

ME = -2.7 MAE = 2.8  $R^2 = 0.4212$  NSE = -1.107

— Observed - - Simulated



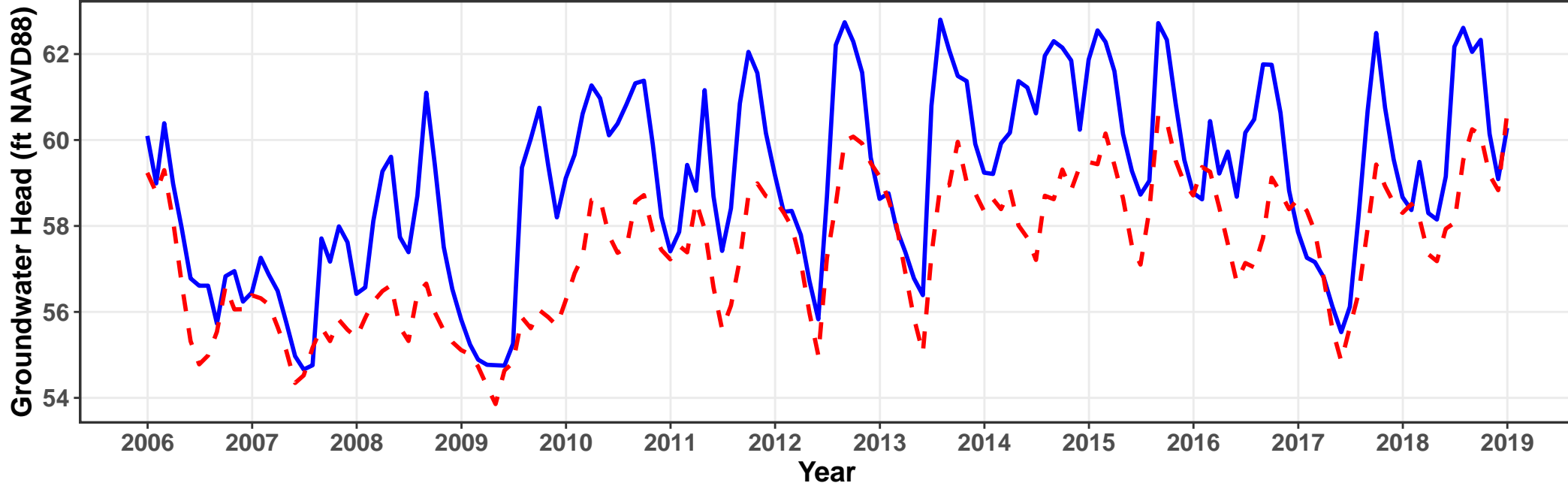
## Stage Duration Curve



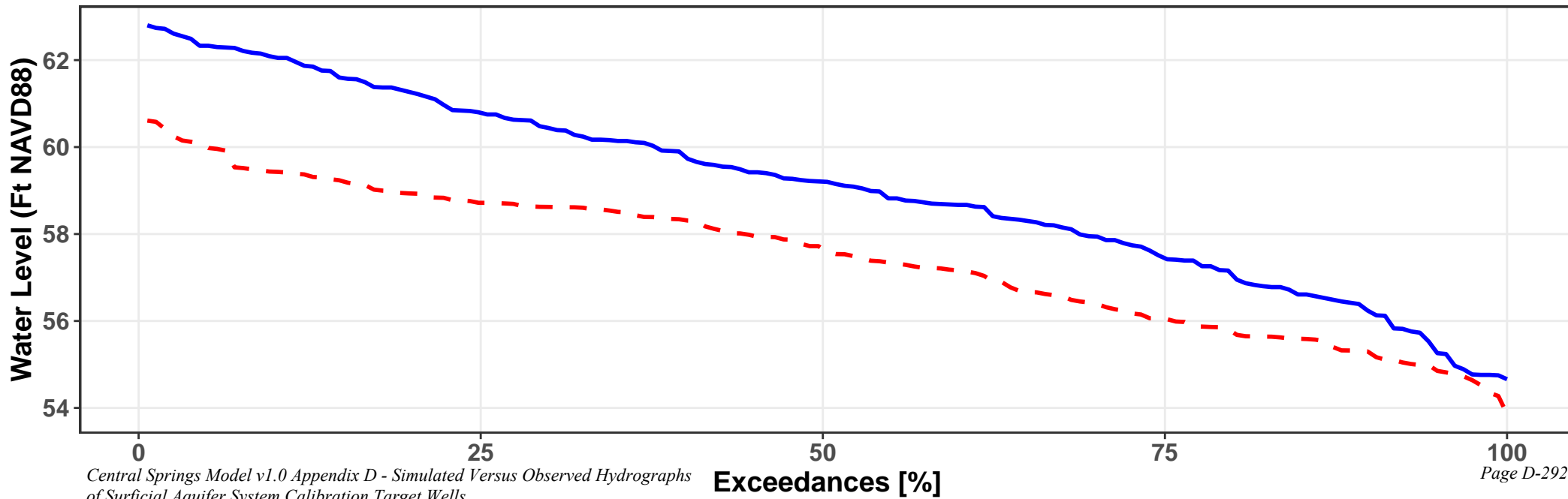
# SID18914 @ Cypress Creek TMR-5 Shallow

ME = -1.6 MAE = 1.7  $R^2 = 0.6581$  NSE = 0.081

— Observed - - Simulated



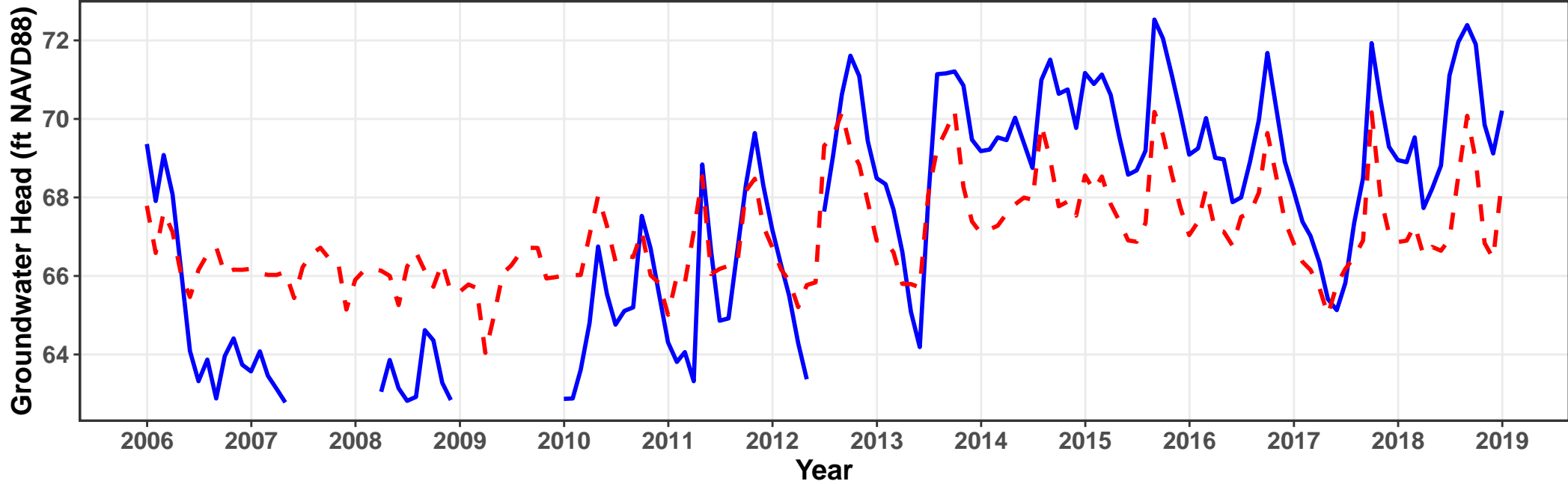
## Stage Duration Curve



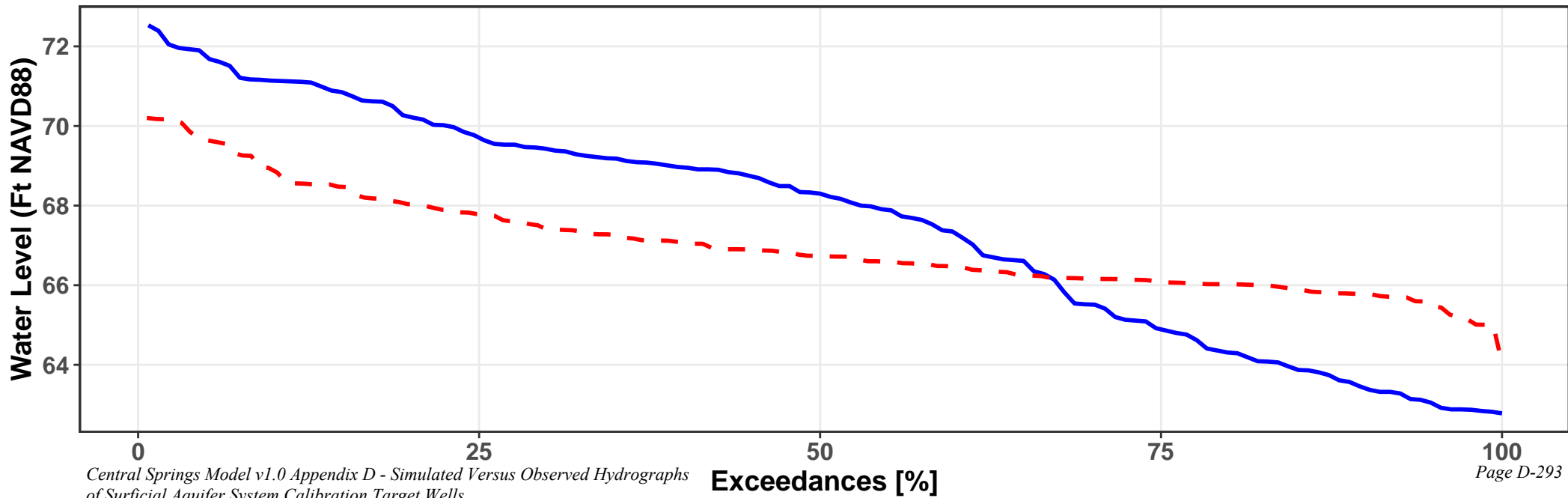
# SID18959 @ Cypress Creek TMR-2 Shallow

ME = -0.4 MAE = 1.8  $R^2 = 0.663$  NSE = 0.5

— Observed - - Simulated



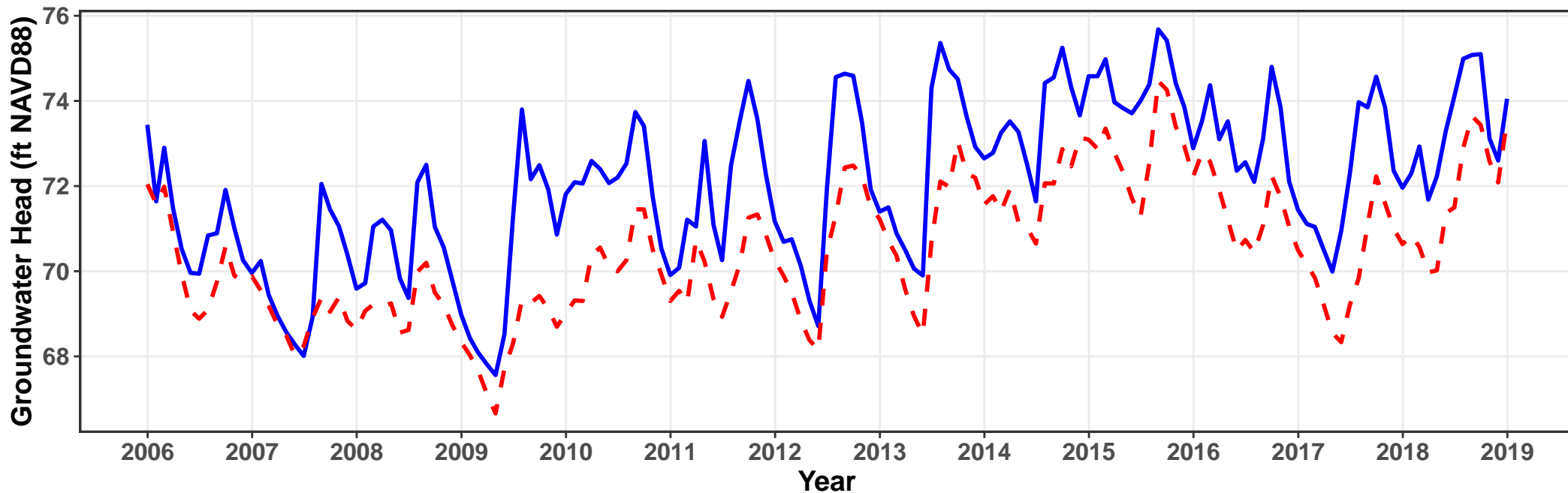
## Stage Duration Curve



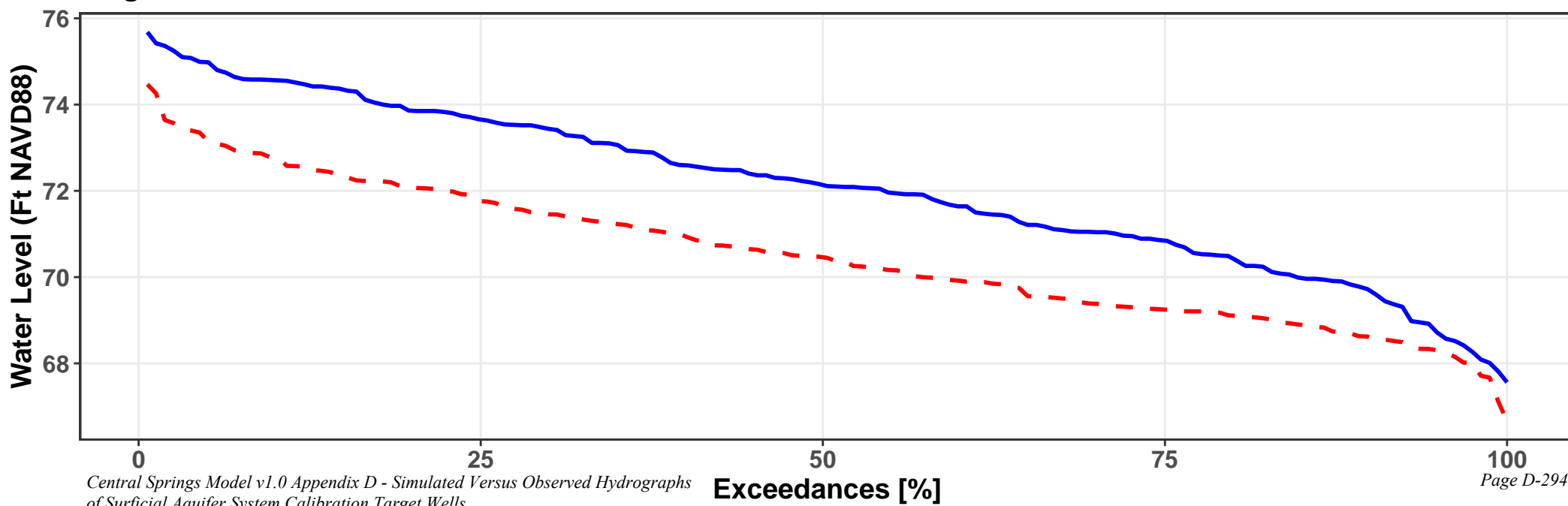
# SID18971 @ ROMP 93 Surf Aq Monitor

ME = -1.6 MAE = 1.6  $R^2 = 0.7803$  NSE = 0.092

— Observed - - Simulated



## Stage Duration Curve

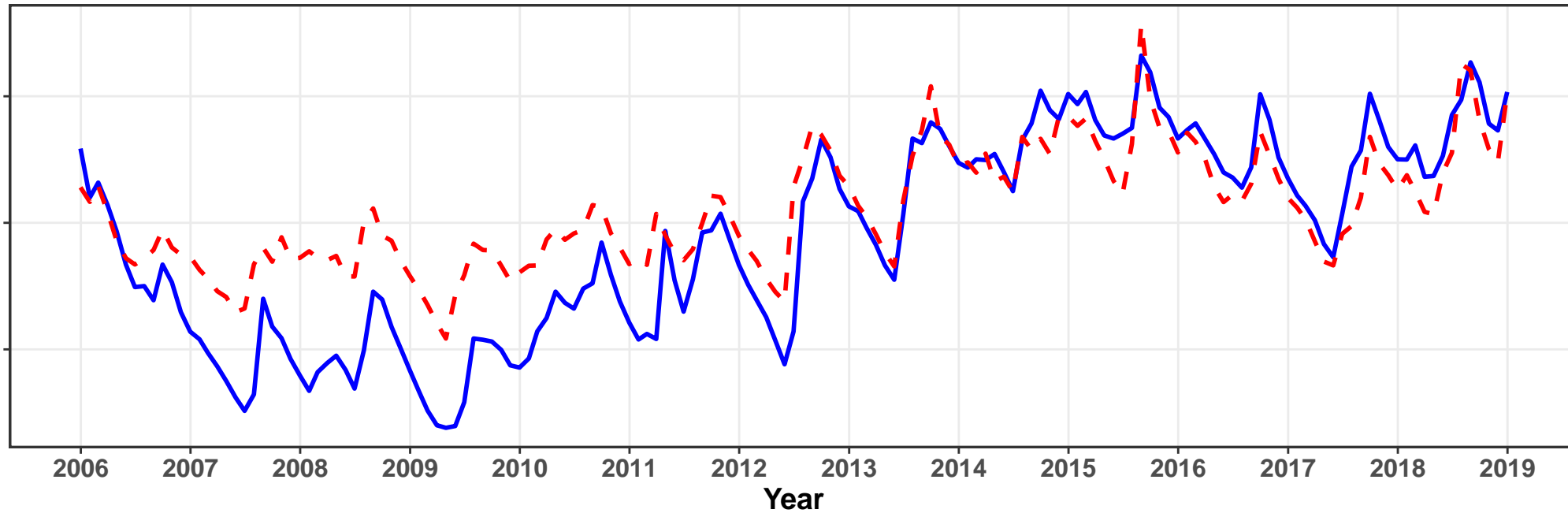


# SID18981 @ Cross Bar 1SE Phillips B2 Surf Aq (CB-1SE)

ME = 1.1 MAE = 1.8  $R^2 = 0.8377$  NSE = 0.656

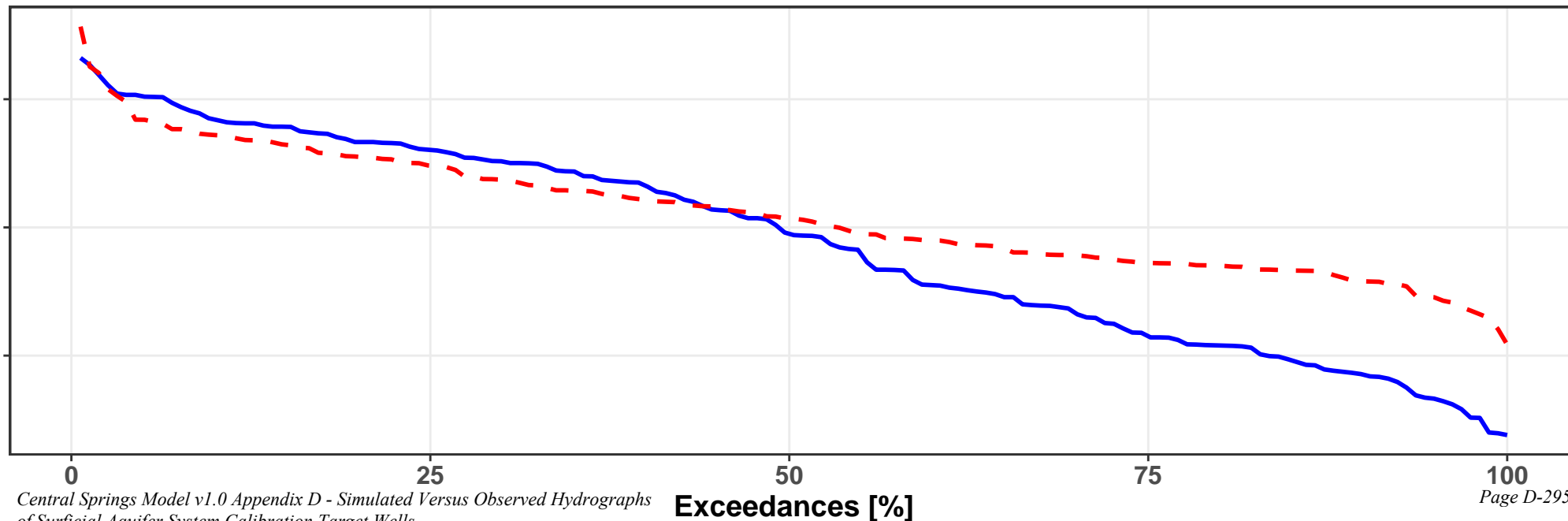
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

Water Level (Ft NAVD88)

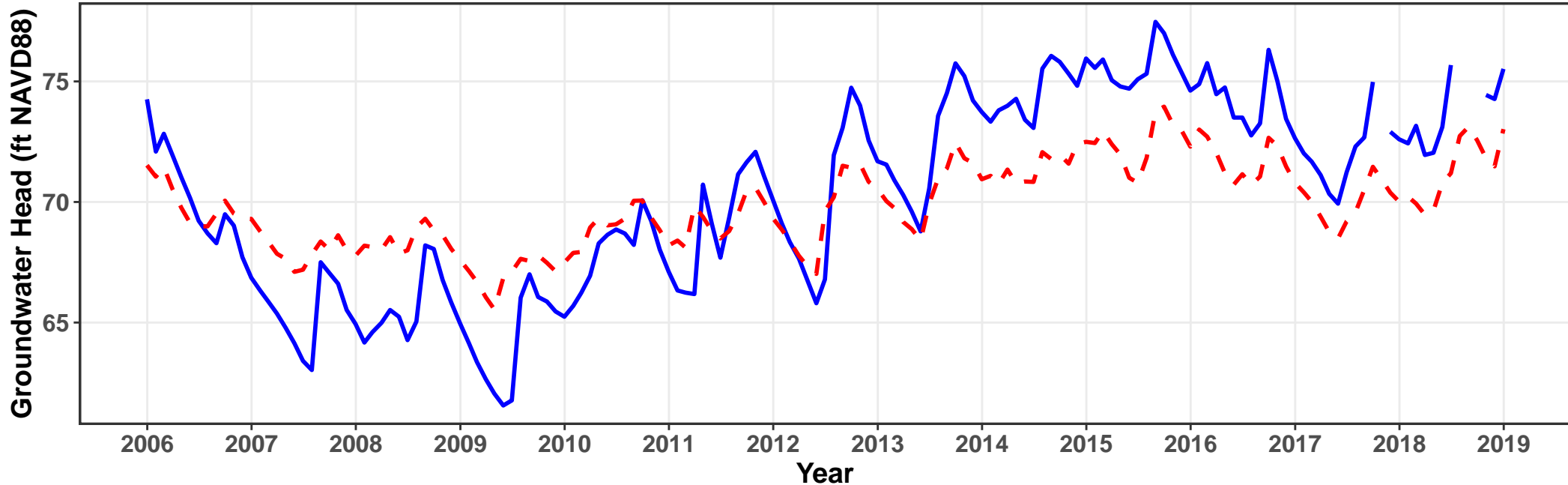




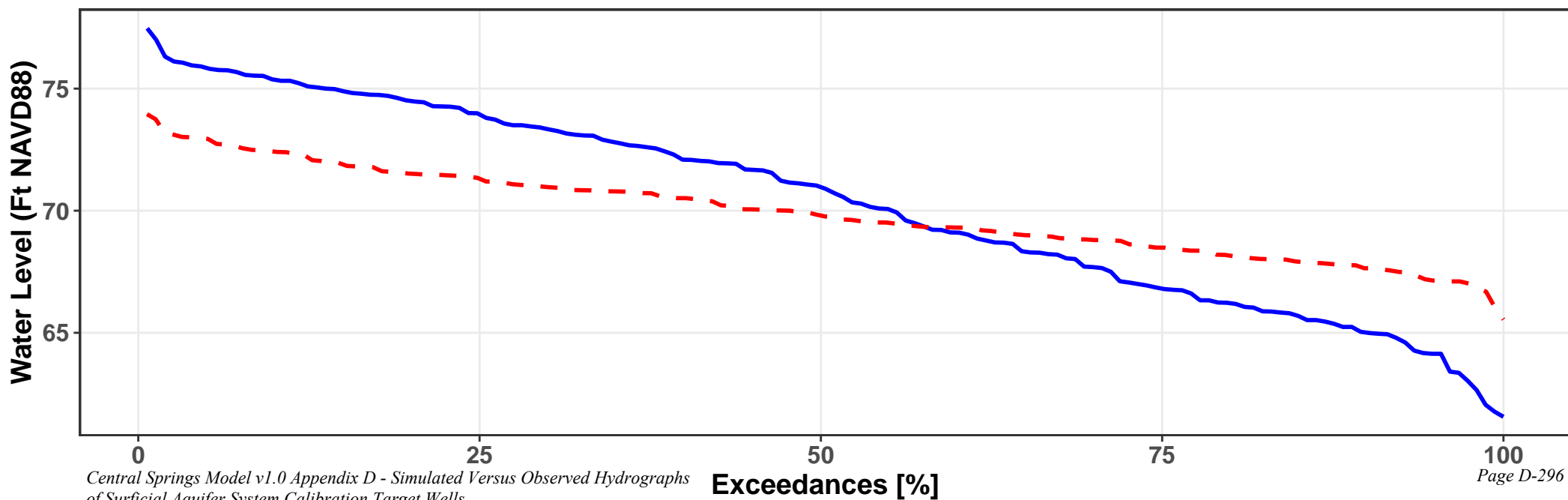
# SID18983 @ Cross Bar 1ESE Barthle C South Surf Aq (CB-1ESE)

ME = -0.5 MAE = 2.2  $R^2 = 0.8879$  NSE = 0.617

— Observed - - Simulated



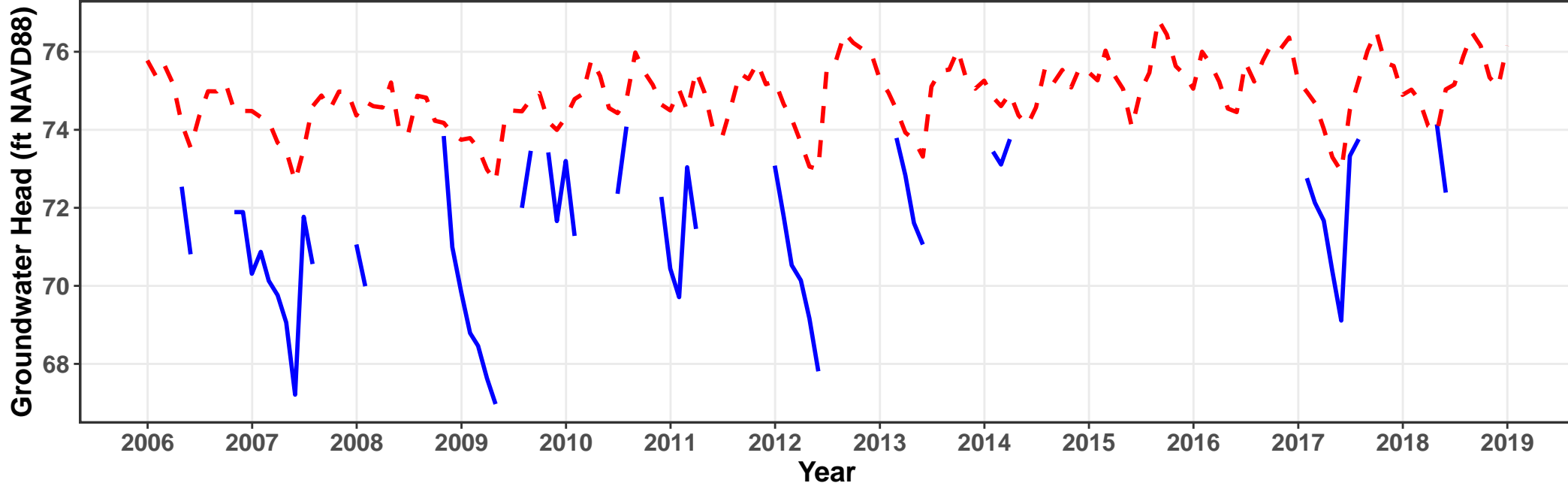
## Stage Duration Curve



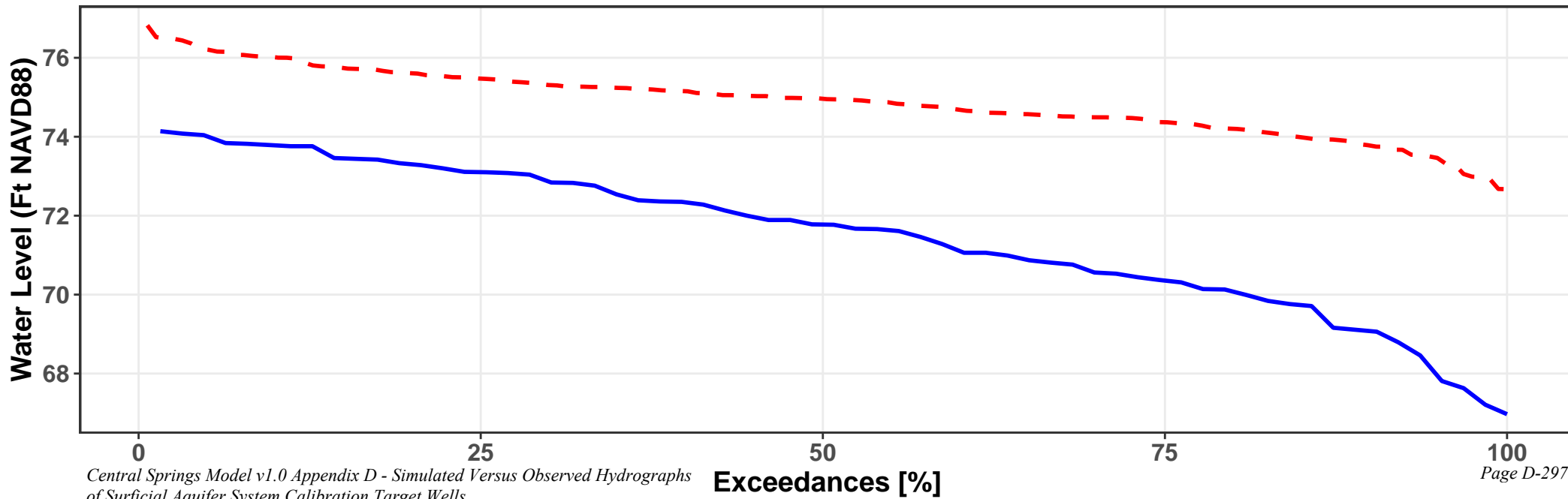
# SID18989 @ UHFDA North Marsh Wetland Surf

ME = 2.7 MAE = 2.8  $R^2 = 0.4823$  NSE = -1.86

— Observed — Simulated



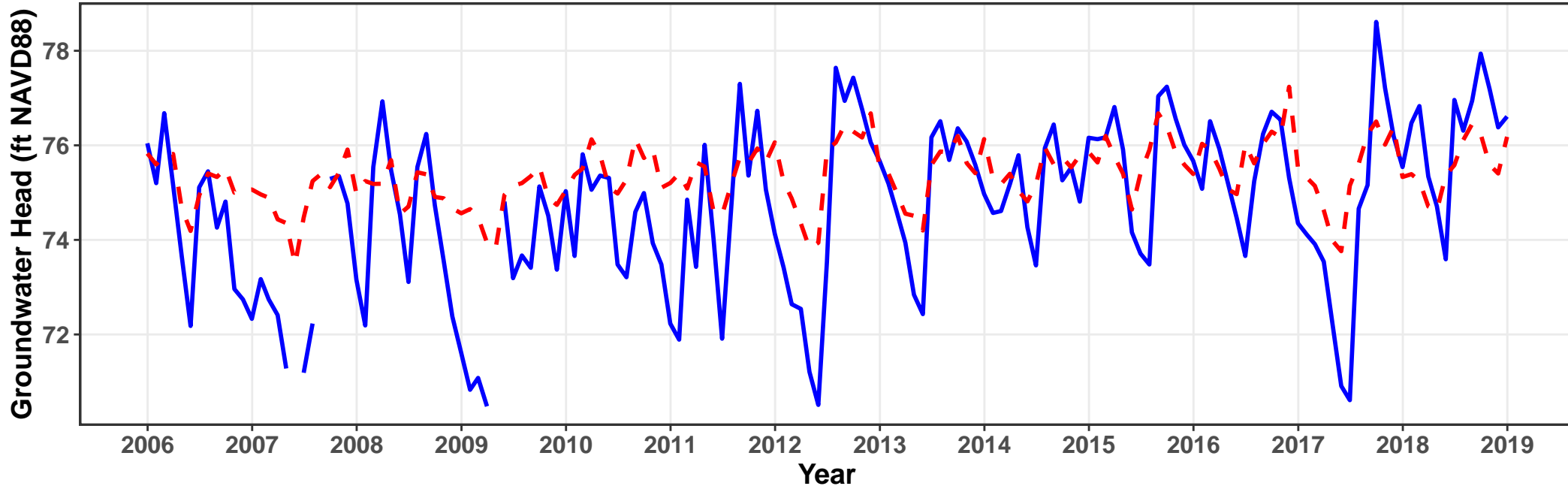
## Stage Duration Curve



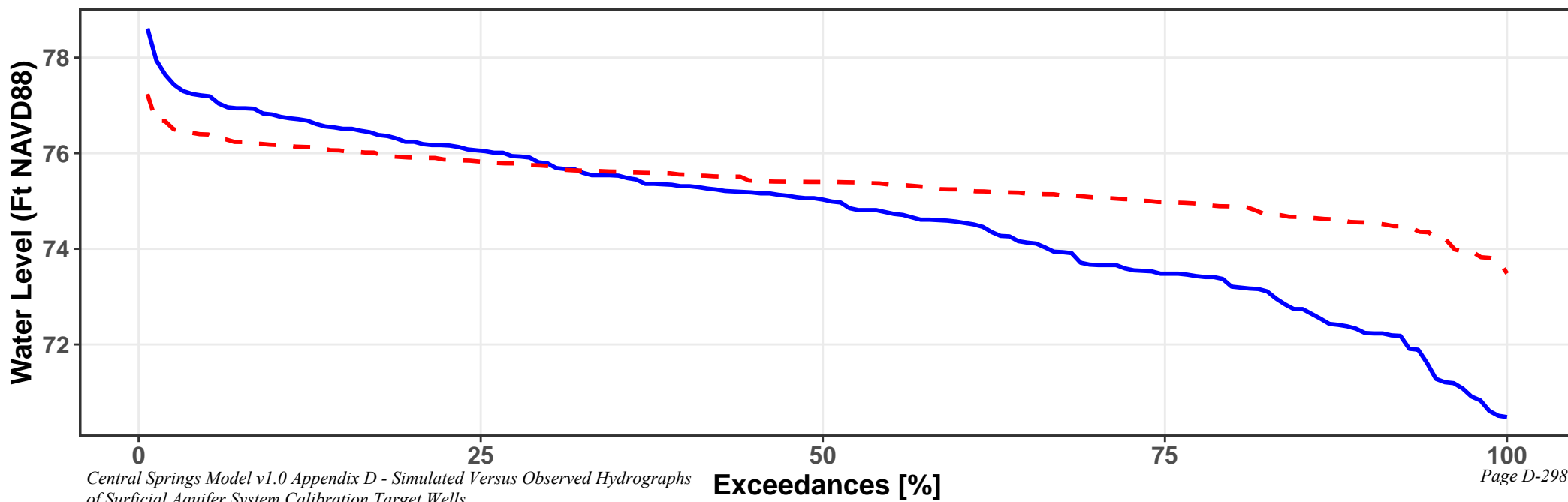
# SID18990 @ UHFDA Riverine 2 Upland Surf

ME = 0.7 MAE = 1.2  $R^2 = 0.5365$  NSE = 0.235

— Observed - - Simulated



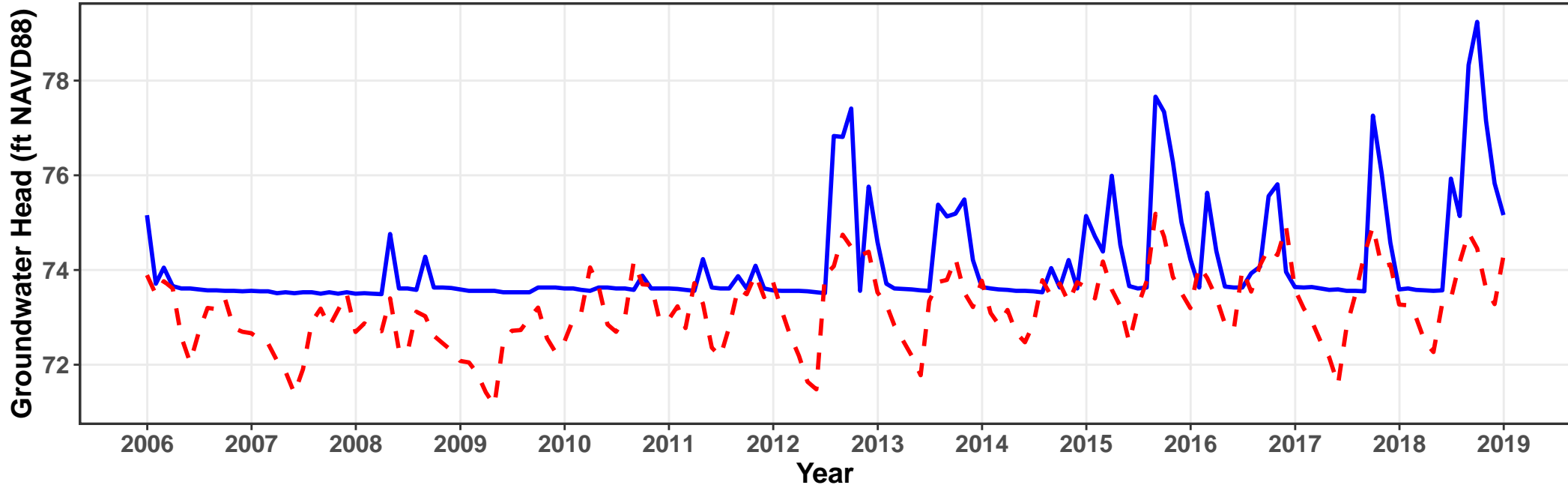
## Stage Duration Curve



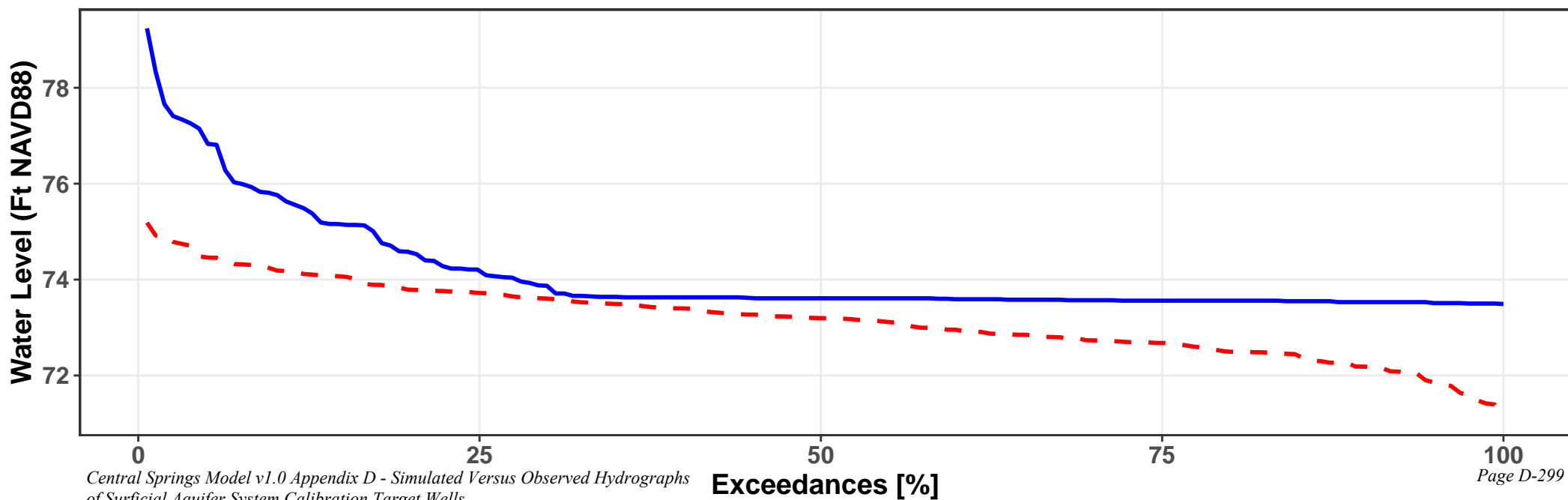
# SID18991 @ UHFDA South Marsh Upland Surf

ME = -0.9 MAE = 1  $R^2 = 0.3666$  NSE = -0.419

— Observed - - Simulated



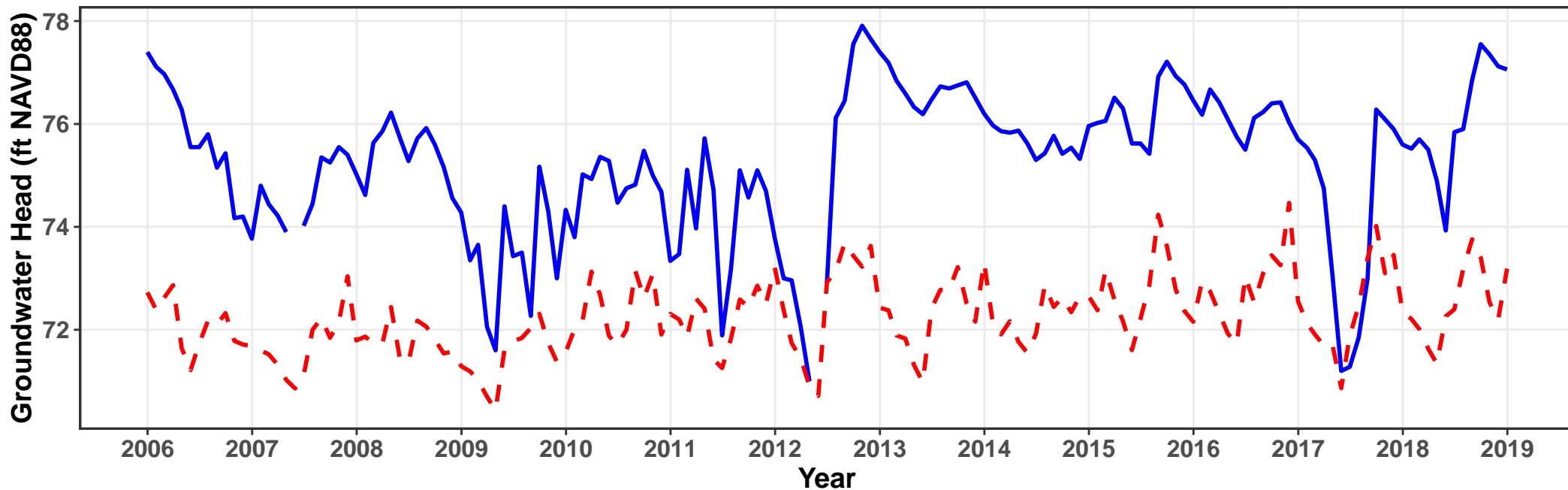
## Stage Duration Curve



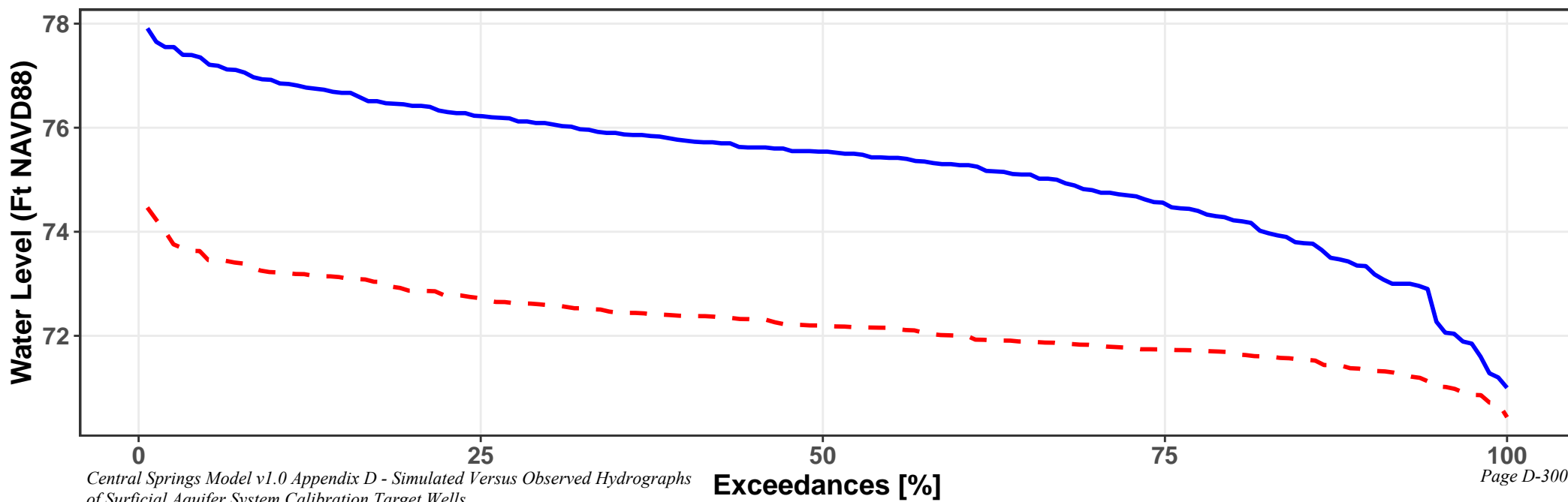
# SID18992 @ UHFDA South Marsh Wetland Surf

ME = -3 MAE = 3  $R^2 = 0.2783$  NSE = -4.163

— Observed - - Simulated



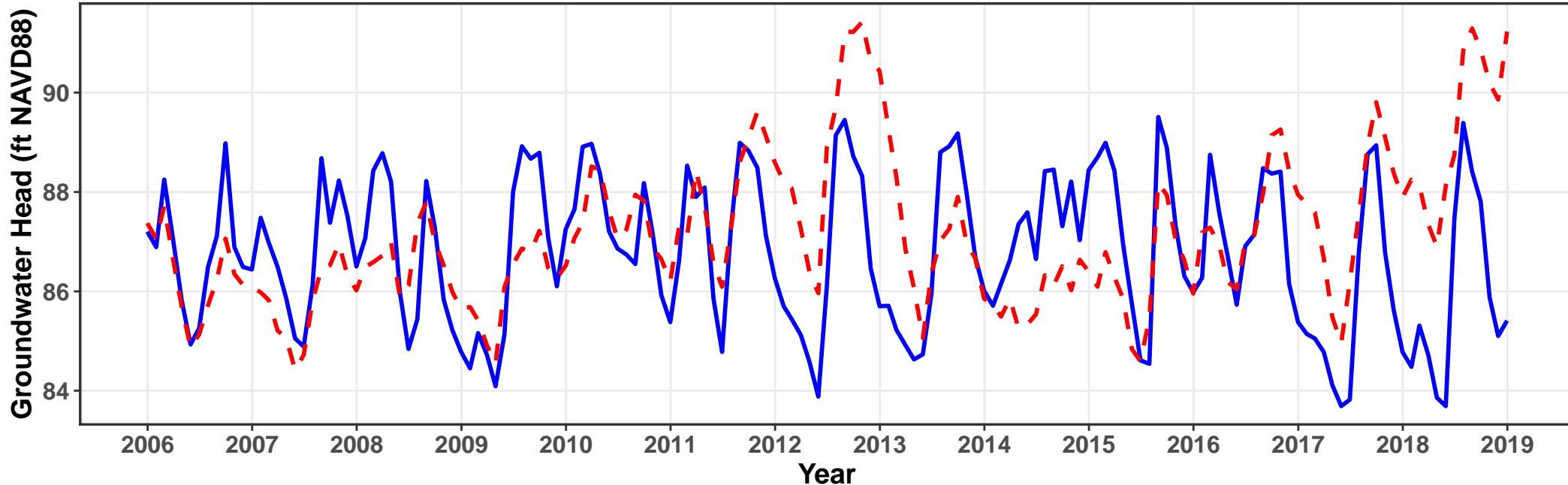
## Stage Duration Curve



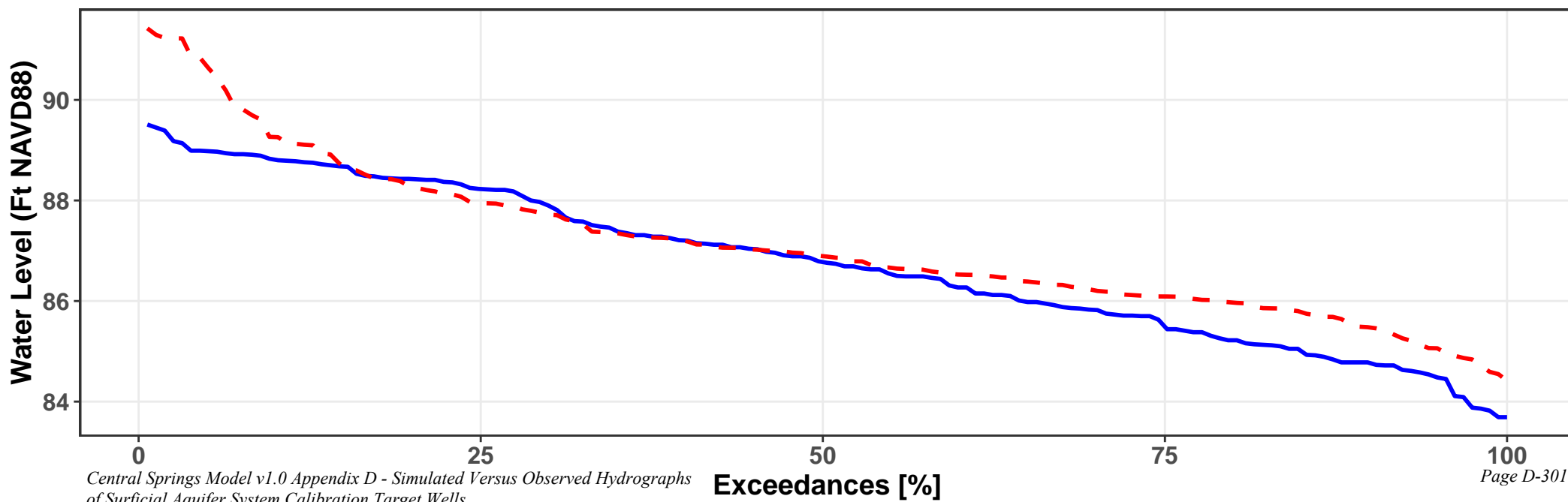
# SID19096 @ Fox Ridge Surf

ME = 0.4 MAE = 1.3  $R^2 = 0.1414$  NSE = -0.32

— Observed - - Simulated



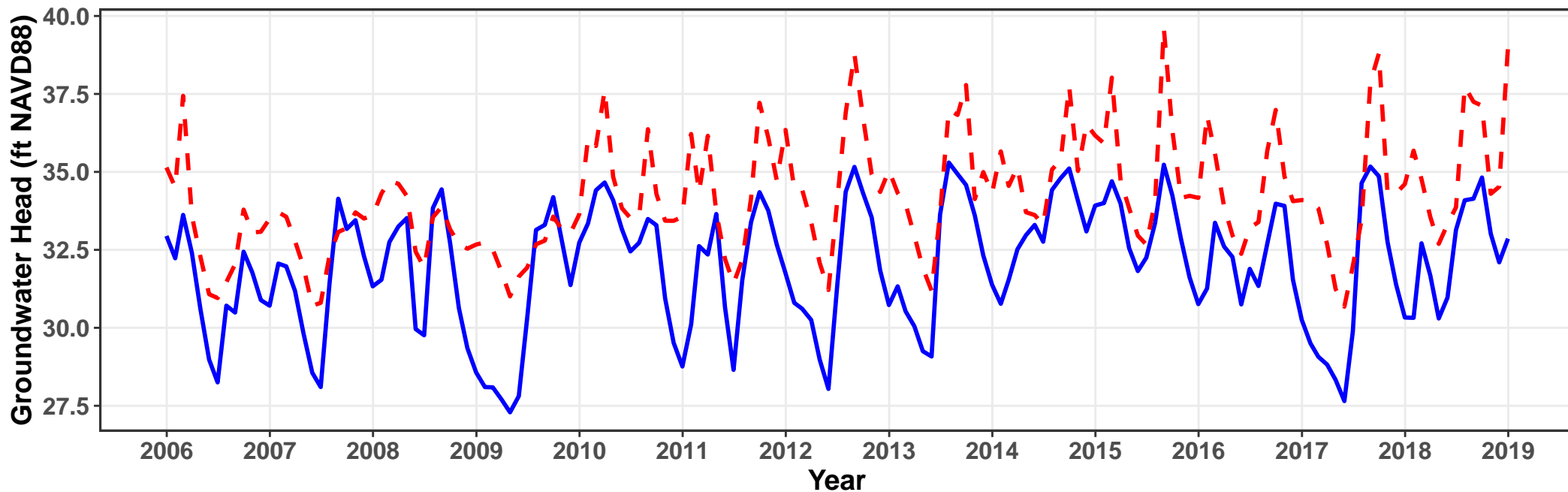
## Stage Duration Curve



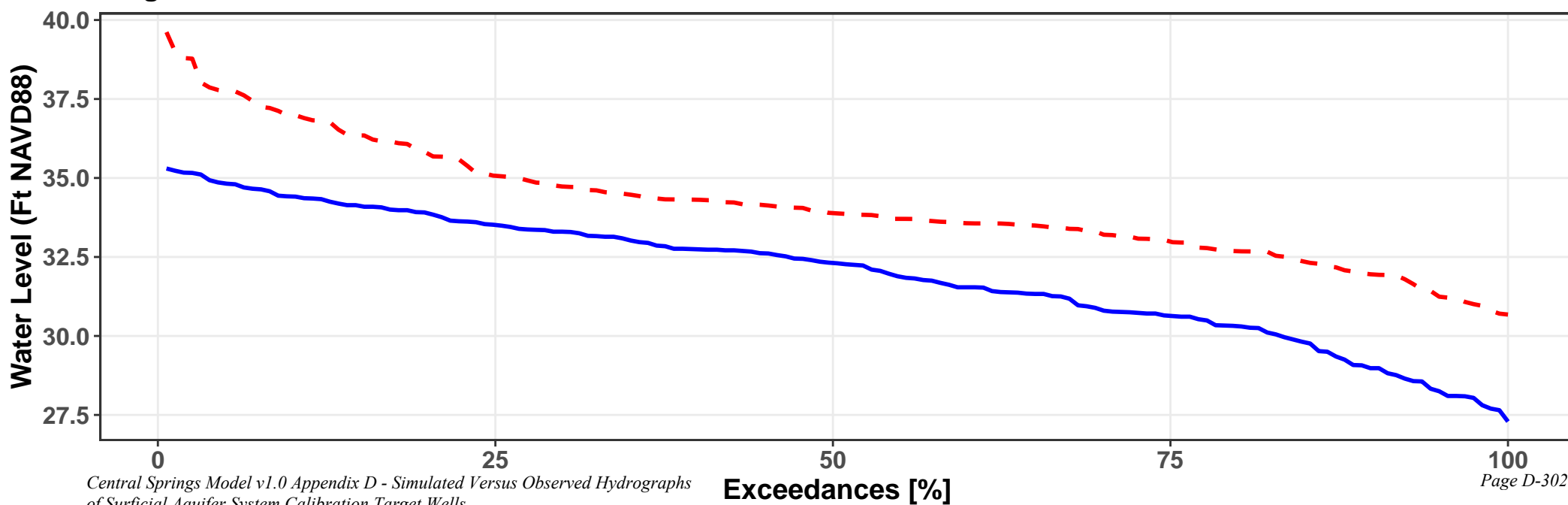
# SID19176 @ Cypress Creek ELAPP South Surf

ME = 2.2 MAE = 2.3  $R^2 = 0.5278$  NSE = -0.764

— Observed - - Simulated



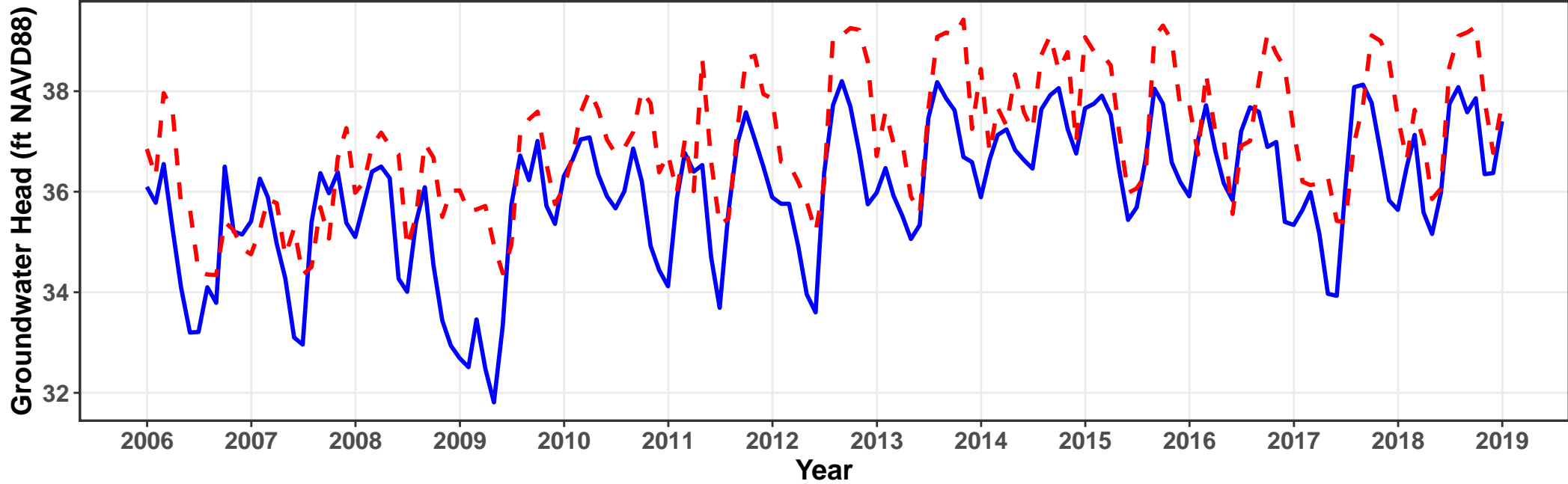
## Stage Duration Curve



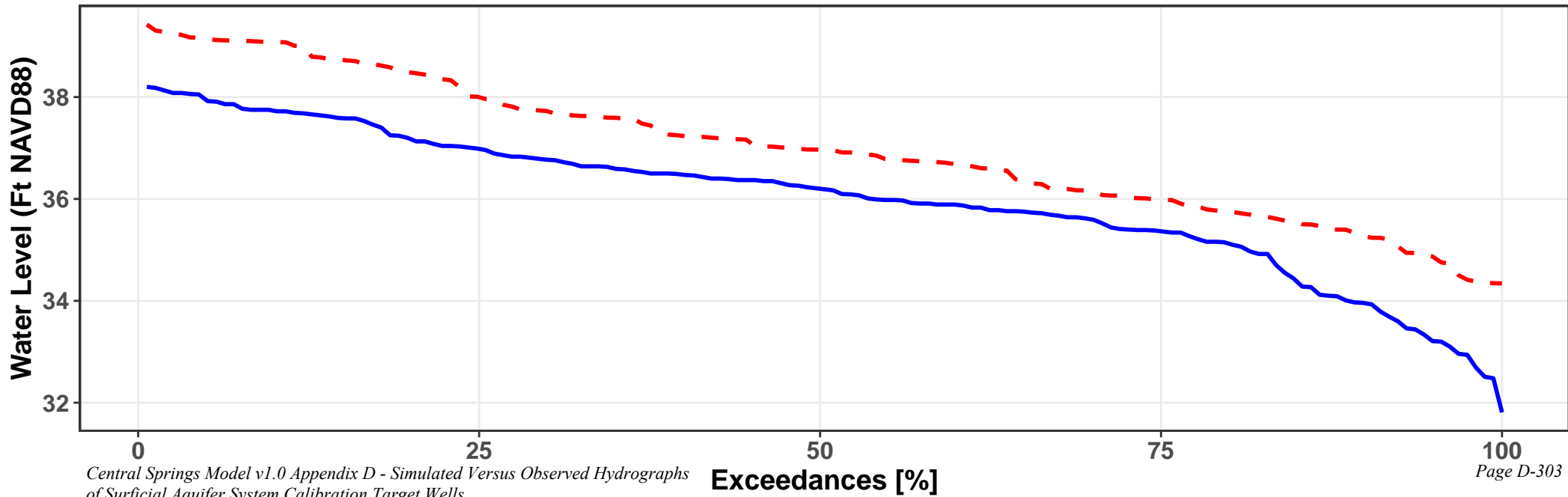
# SID19187 @ Cypress Creek ELAPP North Surf

ME = 1 MAE = 1.1  $R^2 = 0.5527$  NSE = -0.019

— Observed - - Simulated



## Stage Duration Curve

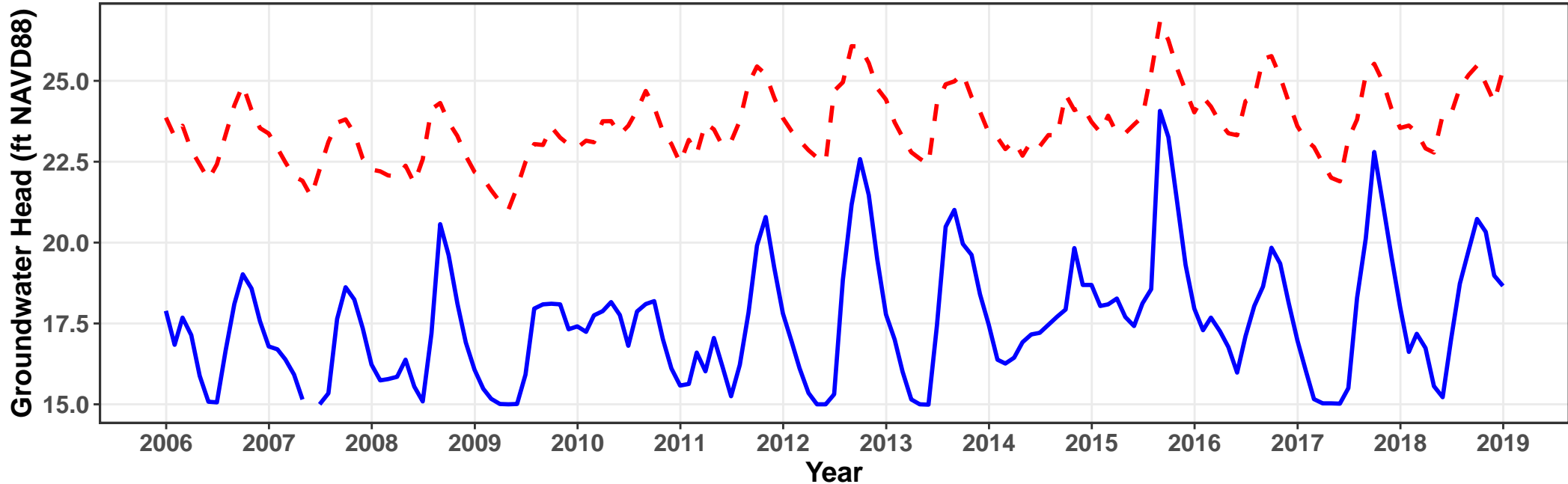




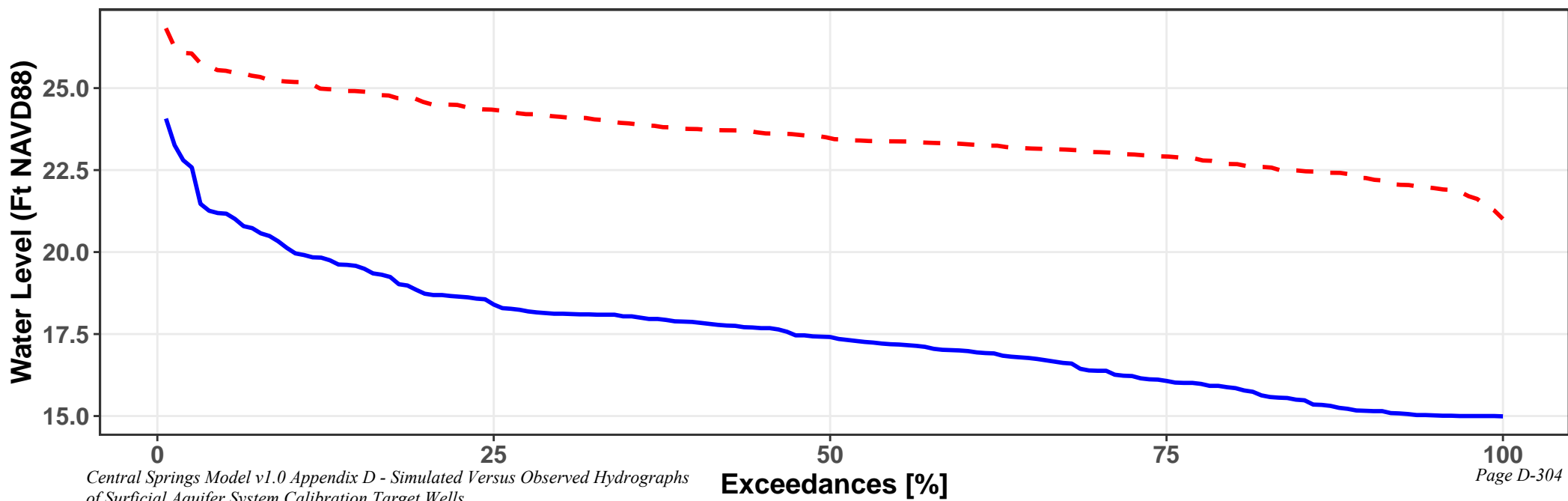
# SID19238 @ ROMP 66 Surf Aq Monitor

ME = 6.1 MAE = 6.1  $R^2 = 0.735$  NSE = -10.049

— Observed - - Simulated



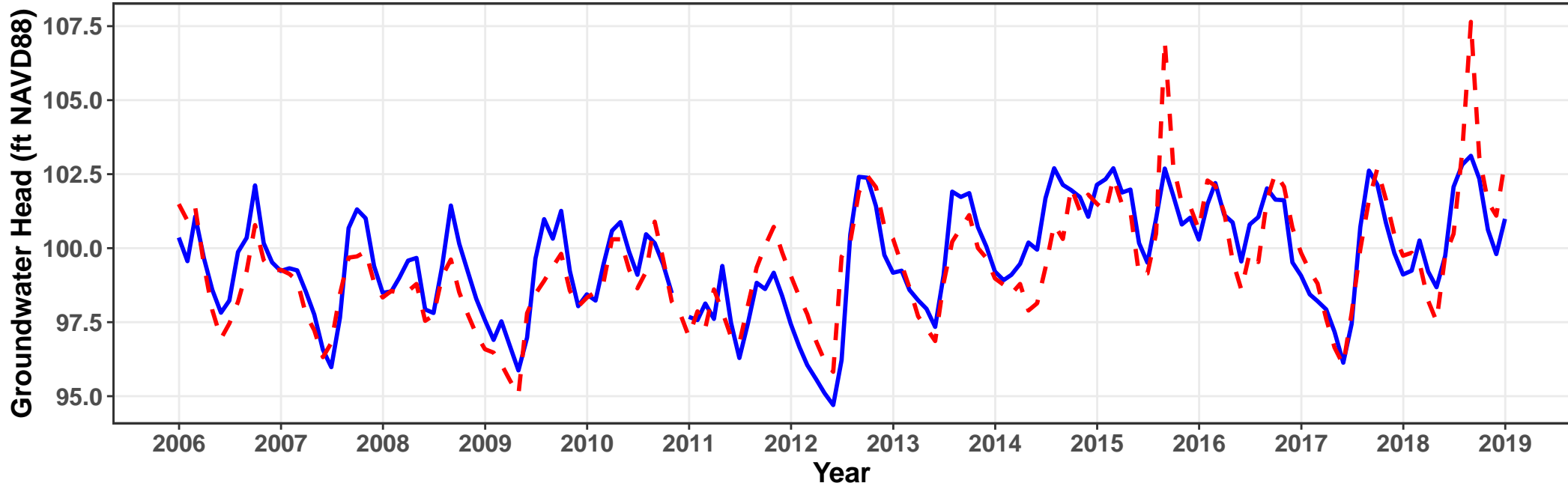
## Stage Duration Curve



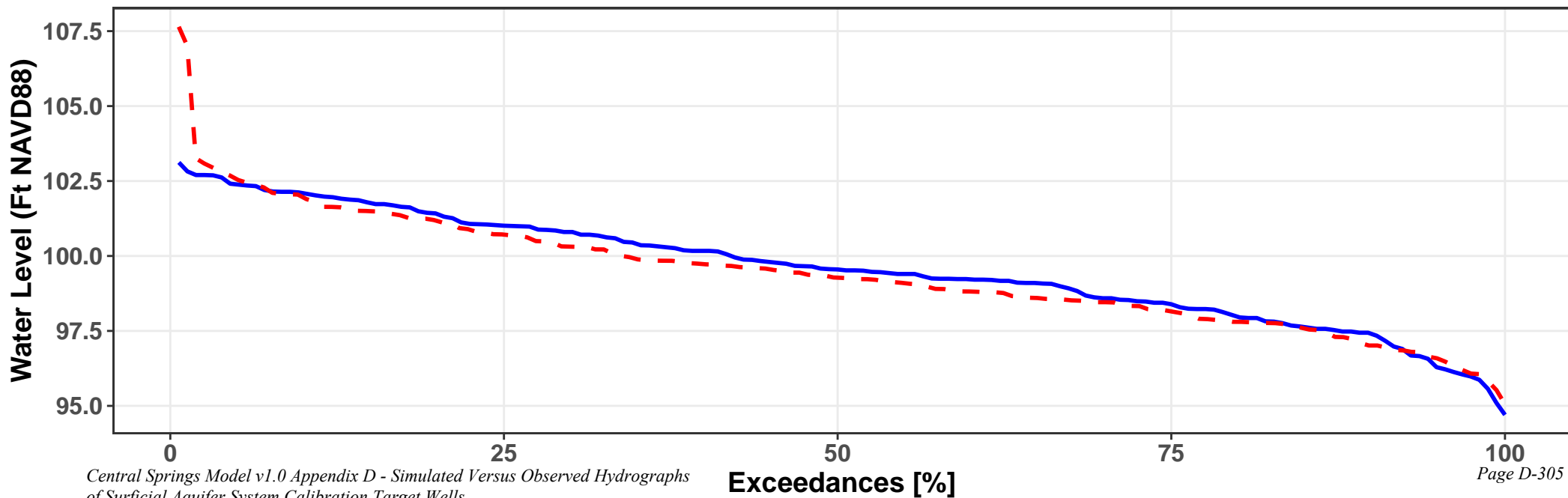
# SID19246 @ McIntosh Surf

ME = -0.2 MAE = 0.9  $R^2 = 0.6982$  NSE = 0.634

— Observed - - Simulated



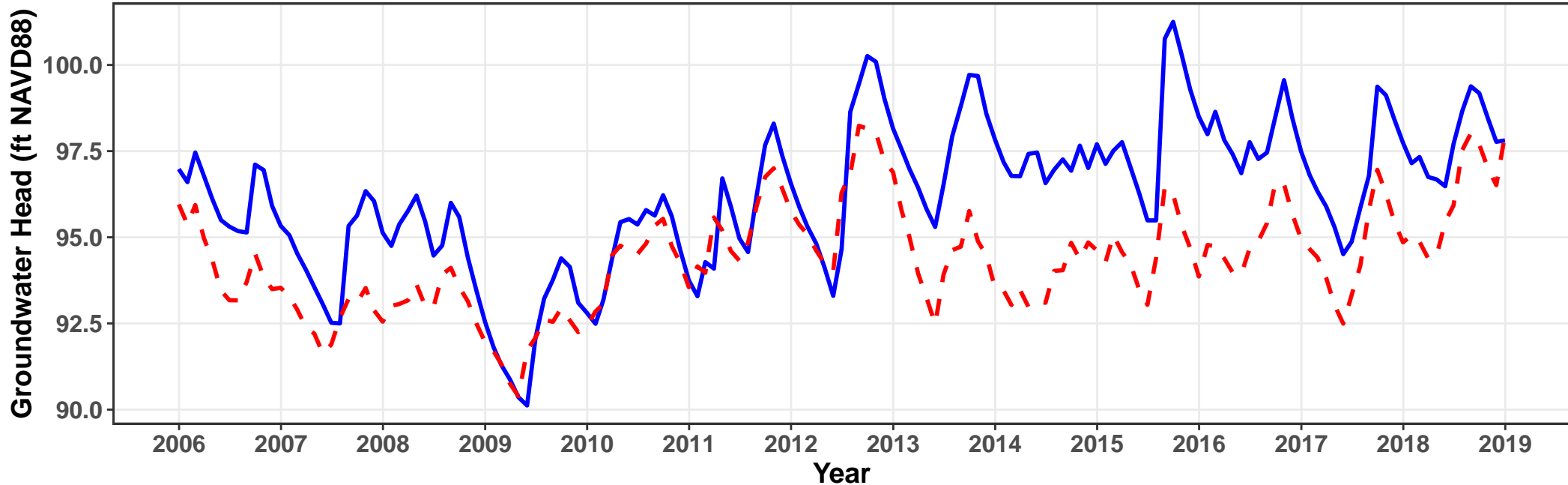
## Stage Duration Curve



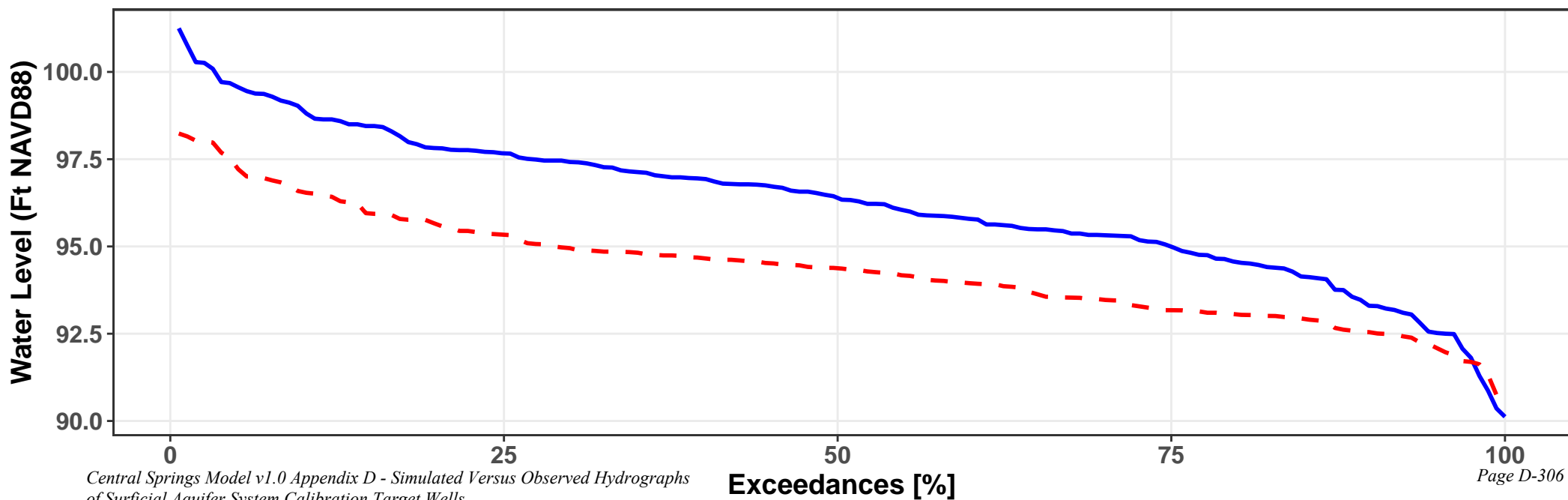
# SID19330 @ ROMP 85 Surf Aq Monitor

ME = -1.8 MAE = 1.9  $R^2 = 0.599$  NSE = -0.167

— Observed - - Simulated



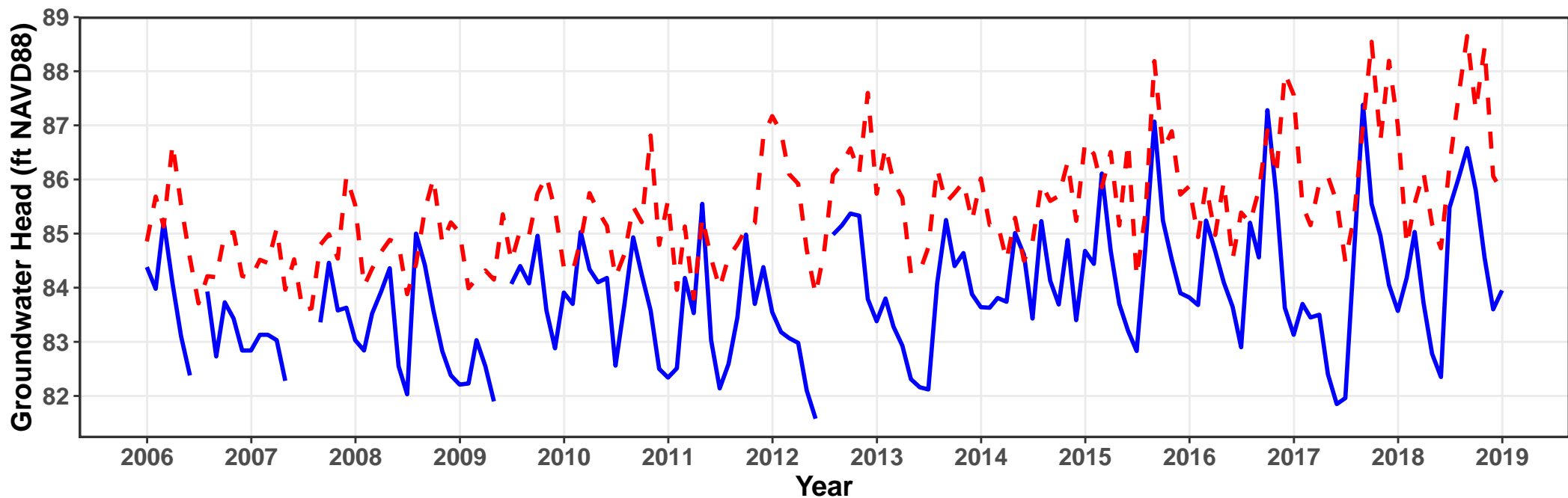
## Stage Duration Curve



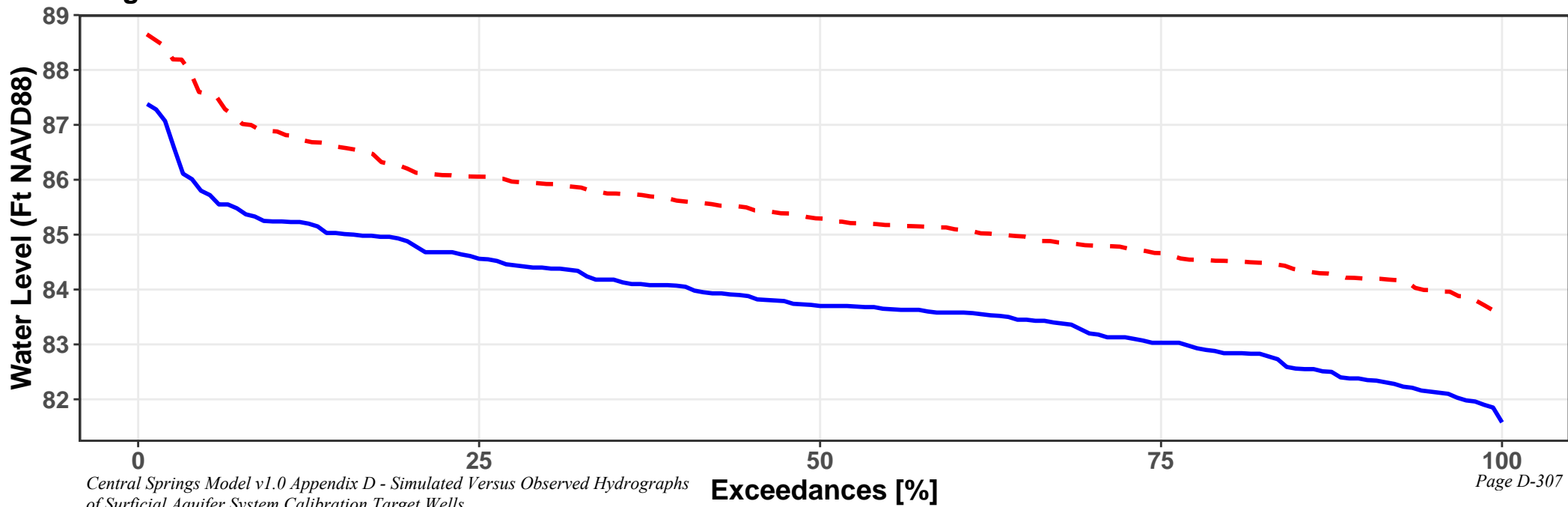
# SID19360 @ BWCT3SAS Shallow Surf

ME = 1.6 MAE = 1.7  $R^2 = 0.3088$  NSE = -1.949

— Observed - - Simulated



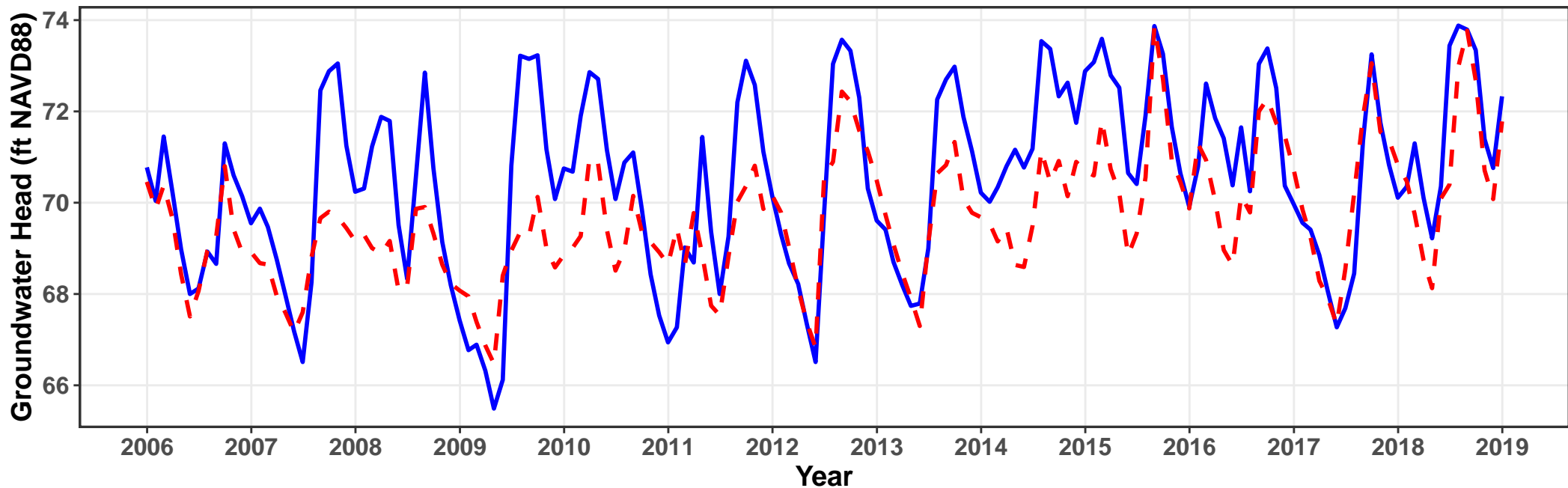
## Stage Duration Curve



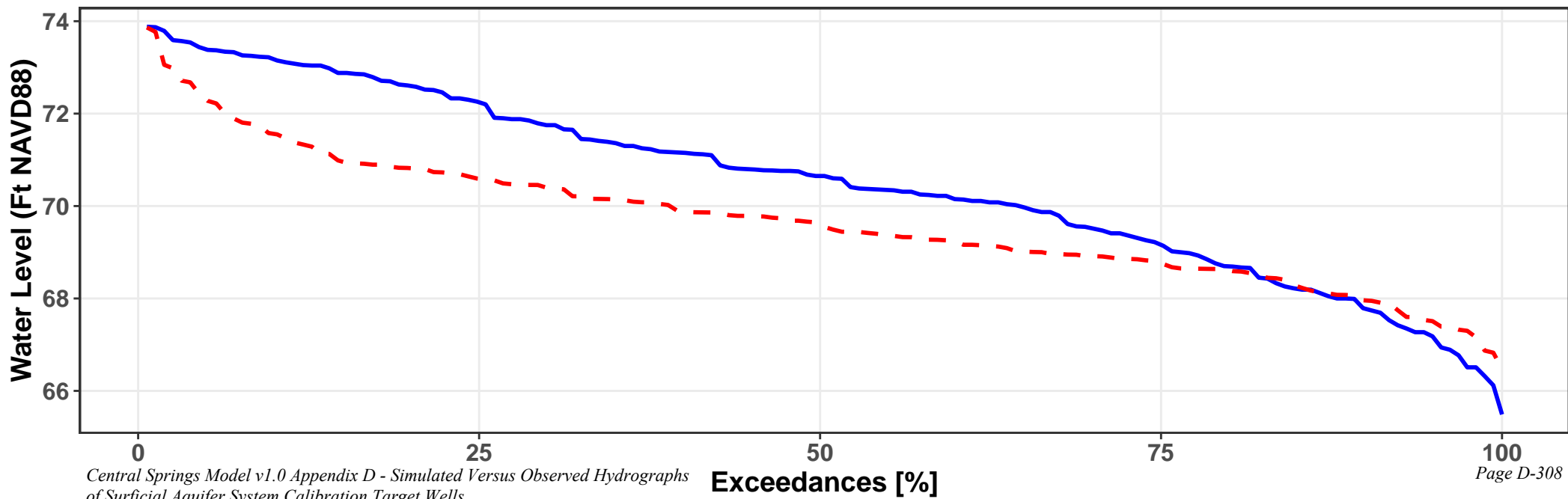
# SID19389 @ Blackwater Creek ELAPP Surf

ME = -0.8 MAE = 1.2  $R^2 = 0.6193$  NSE = 0.432

— Observed - - Simulated



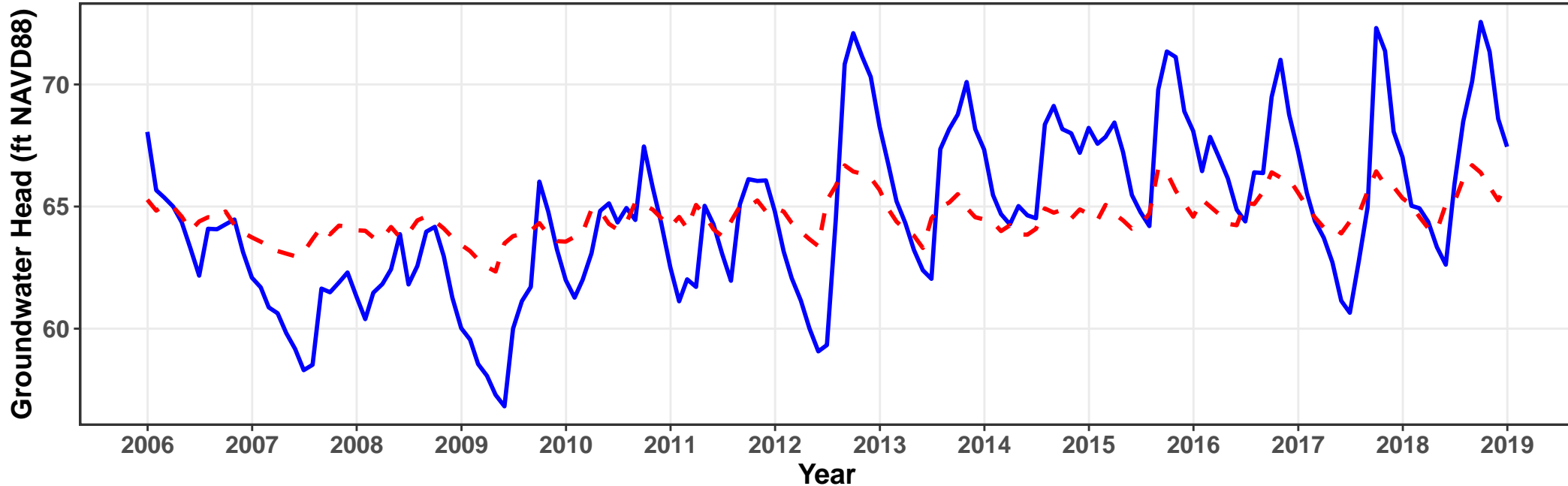
## Stage Duration Curve



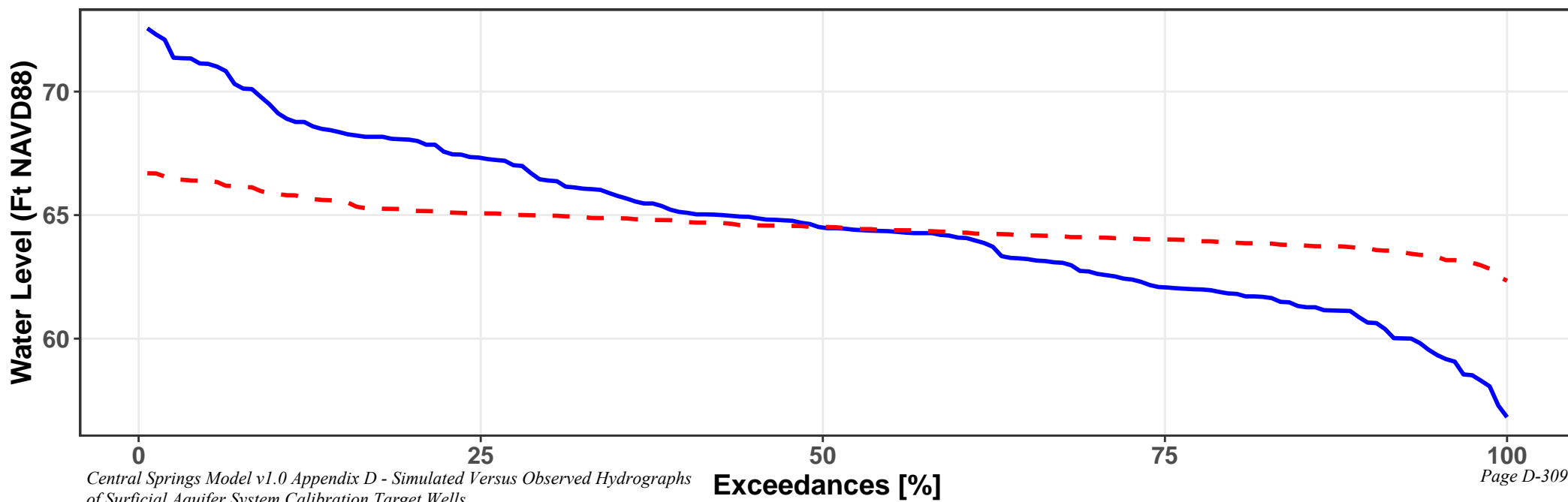
# SID19405 @ Zephyrhills Park Surf

ME = -0.1 MAE = 2.2  $R^2 = 0.6902$  NSE = 0.358

— Observed - - Simulated



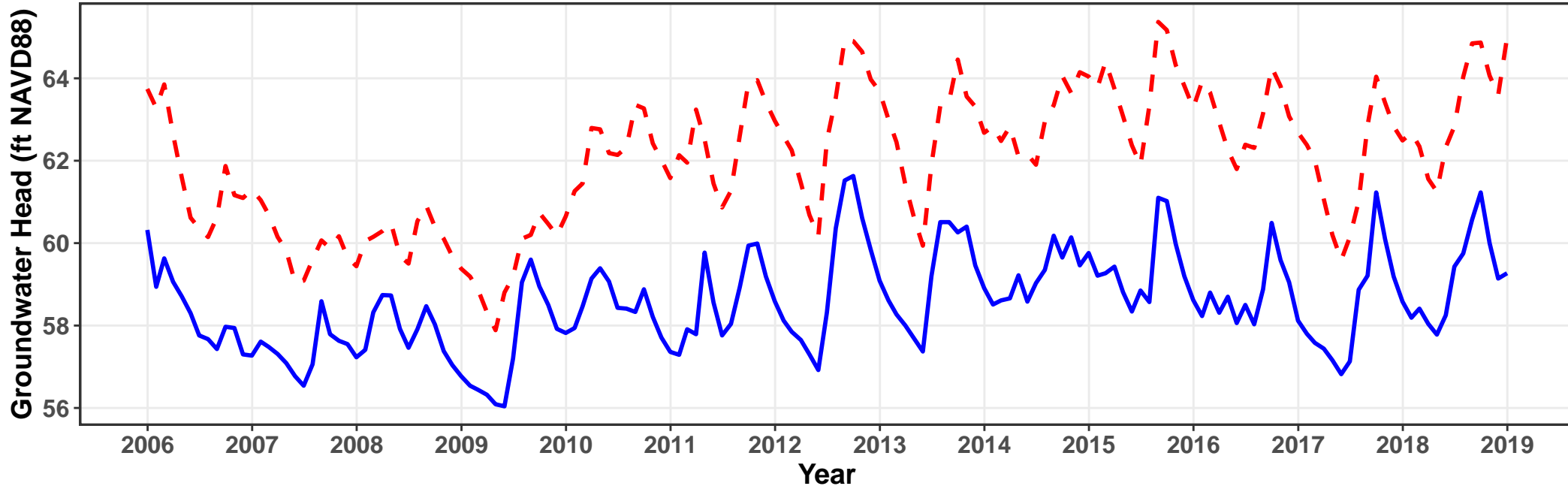
## Stage Duration Curve



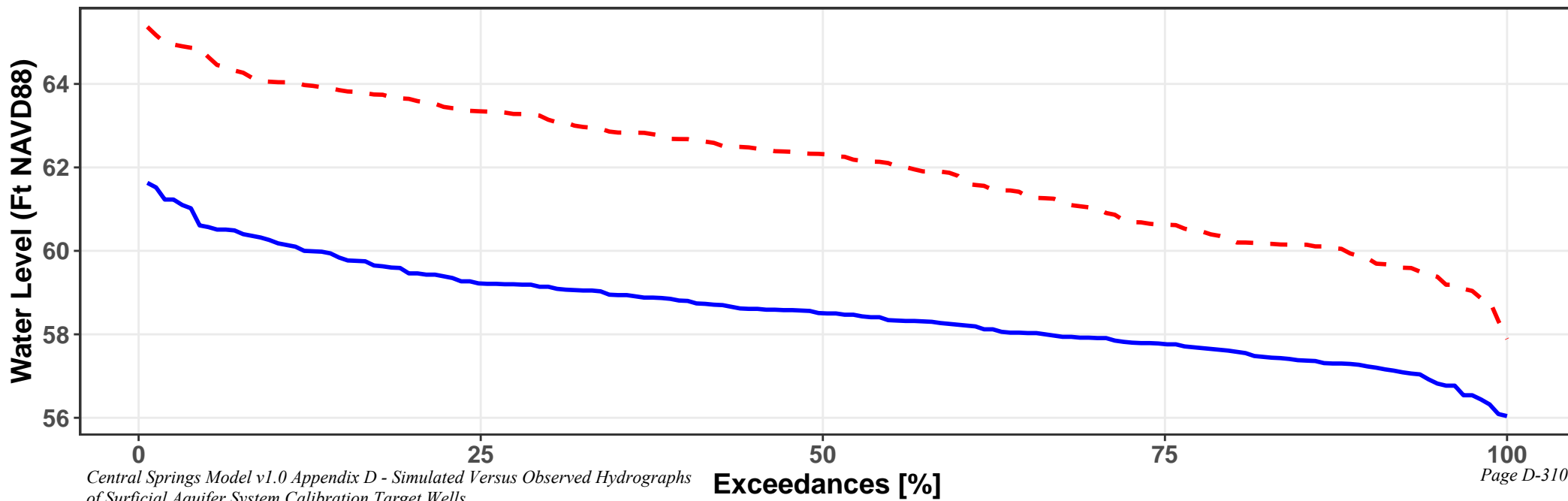
# SID19425 @ ROMP 84 Surf Aq Monitor

ME = 3.5 MAE = 3.5  $R^2 = 0.7033$  NSE = -8.768

— Observed — Simulated



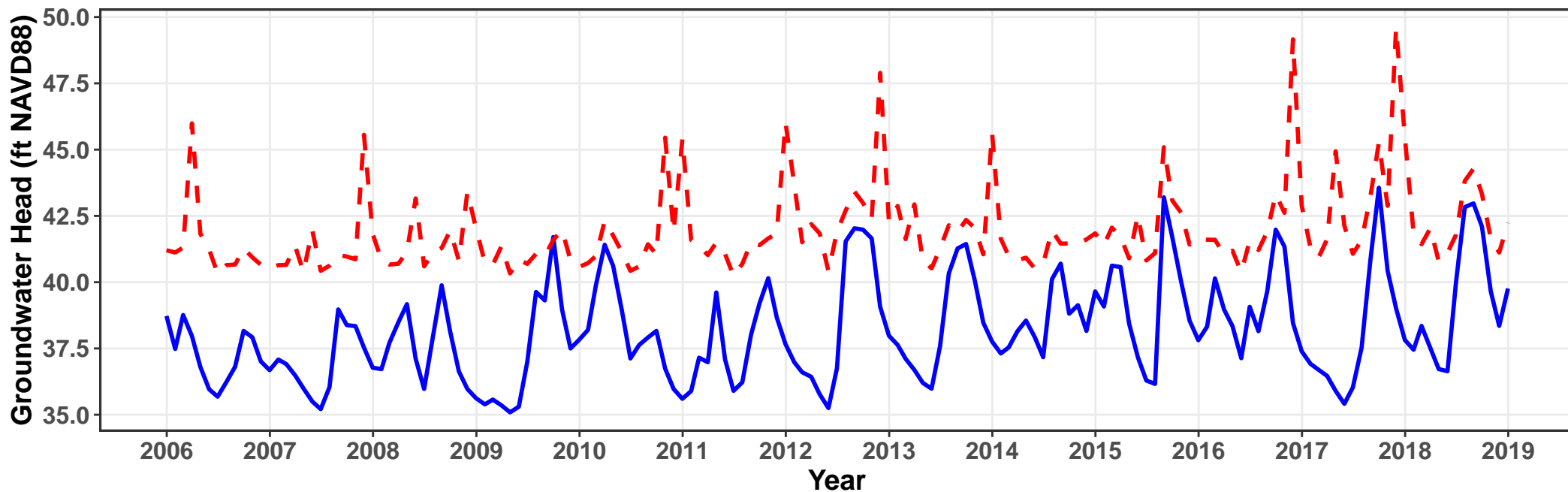
## Stage Duration Curve



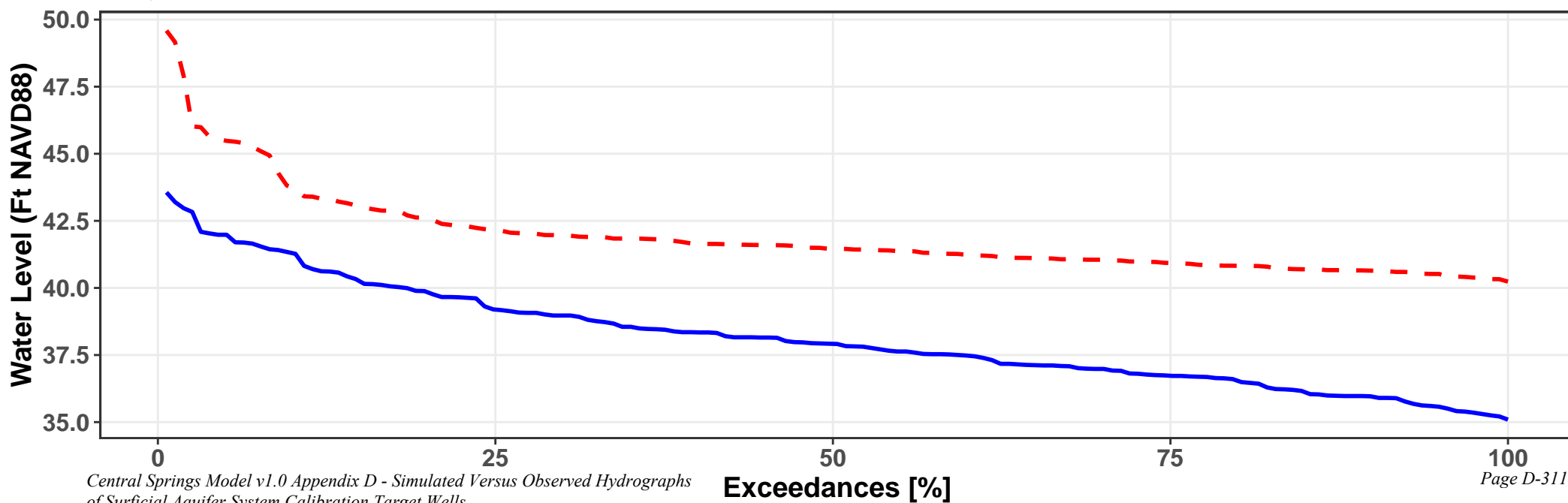
# SID19465 @ Hillsborough River State Park Parking Lot Shallow

ME = 3.8 MAE = 3.8  $R^2 = 0.0914$  NSE = -4.043

— Observed — Simulated



## Stage Duration Curve

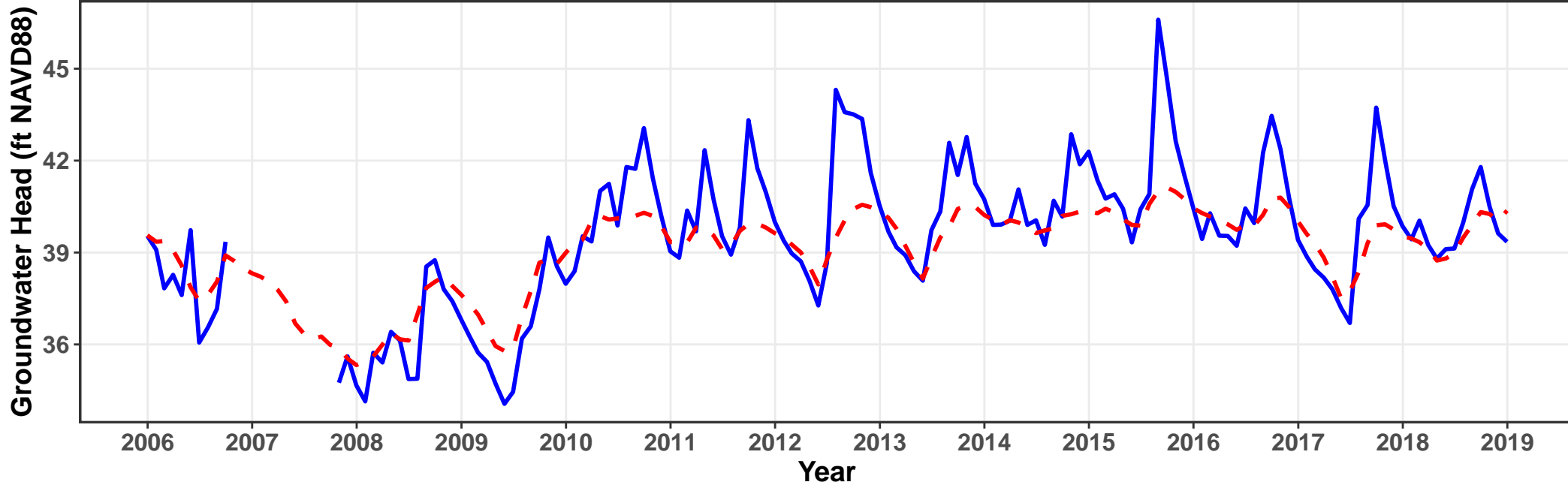




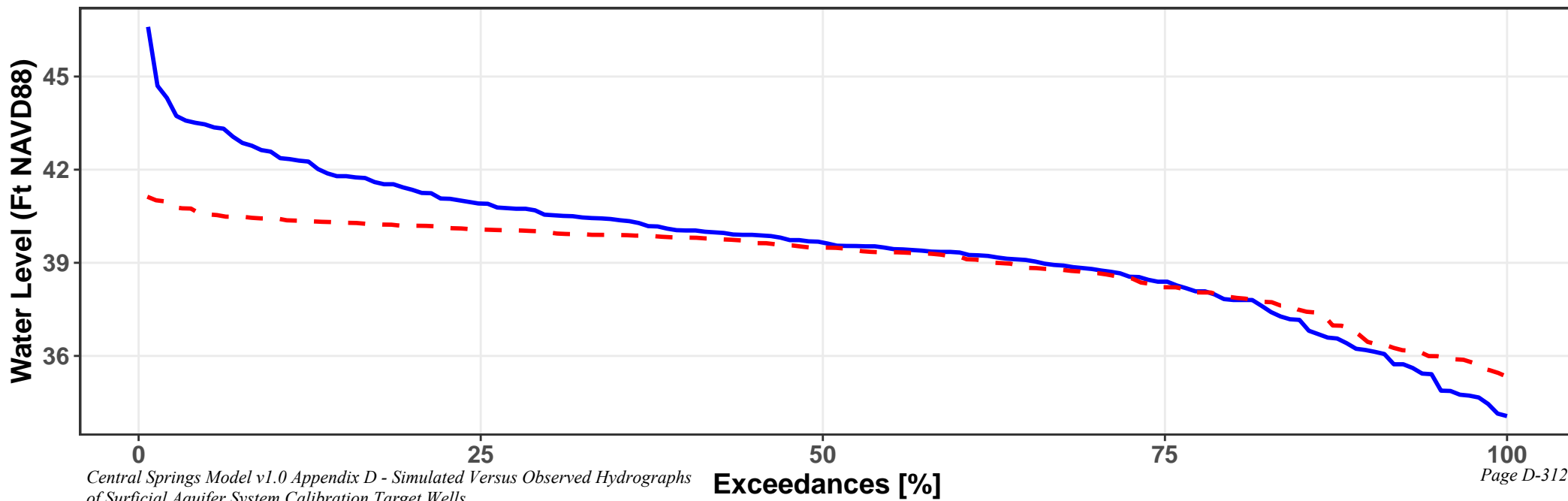
# SID19525 @ Camp Keystone Surf

ME = -0.4 MAE = 1  $R^2 = 0.7717$  NSE = 0.661

— Observed — Simulated



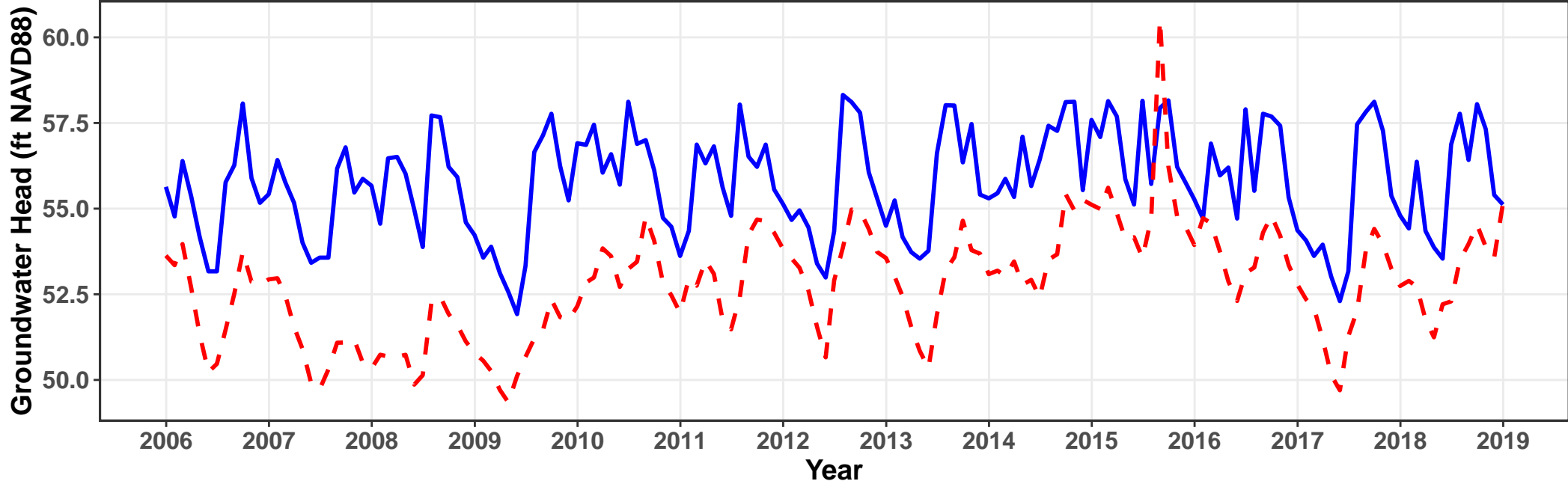
## Stage Duration Curve



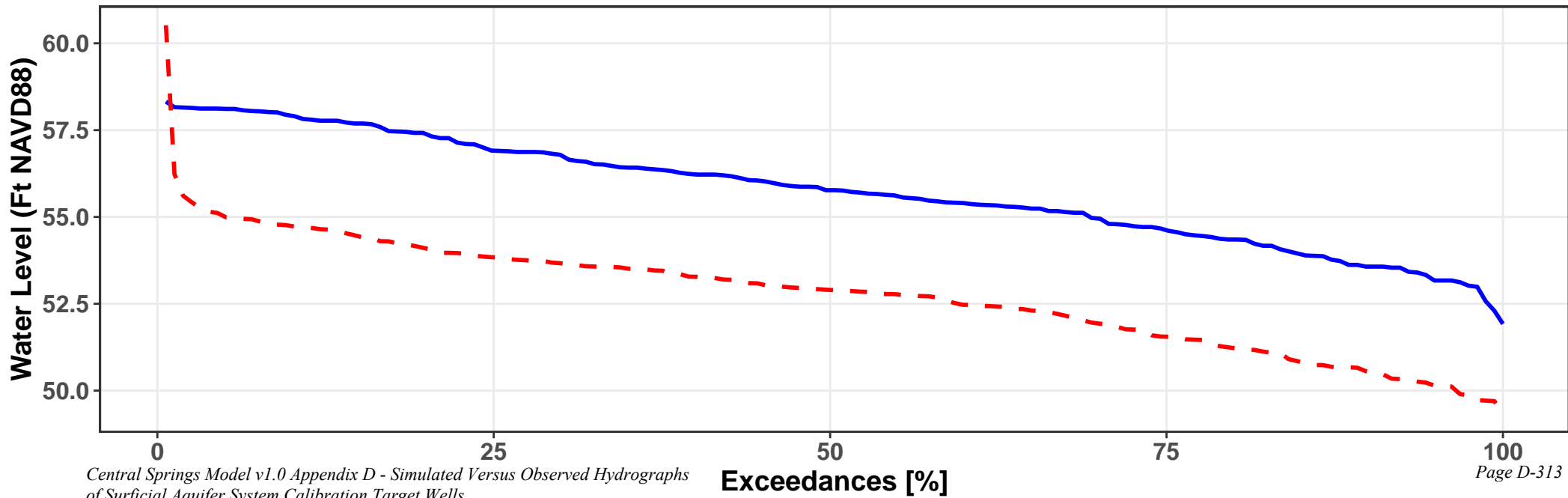
# SID19549 @ St Pete Jackson 26A Shallow

ME = -3 MAE = 3  $R^2 = 0.3921$  NSE = -3.587

— Observed - - Simulated



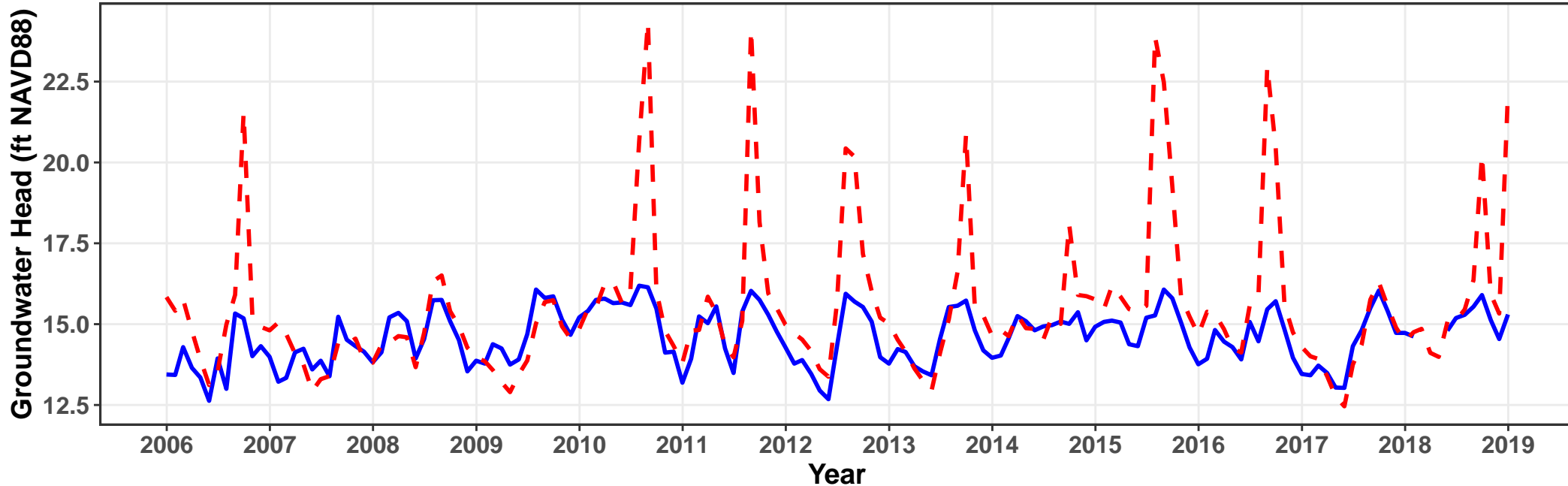
## Stage Duration Curve



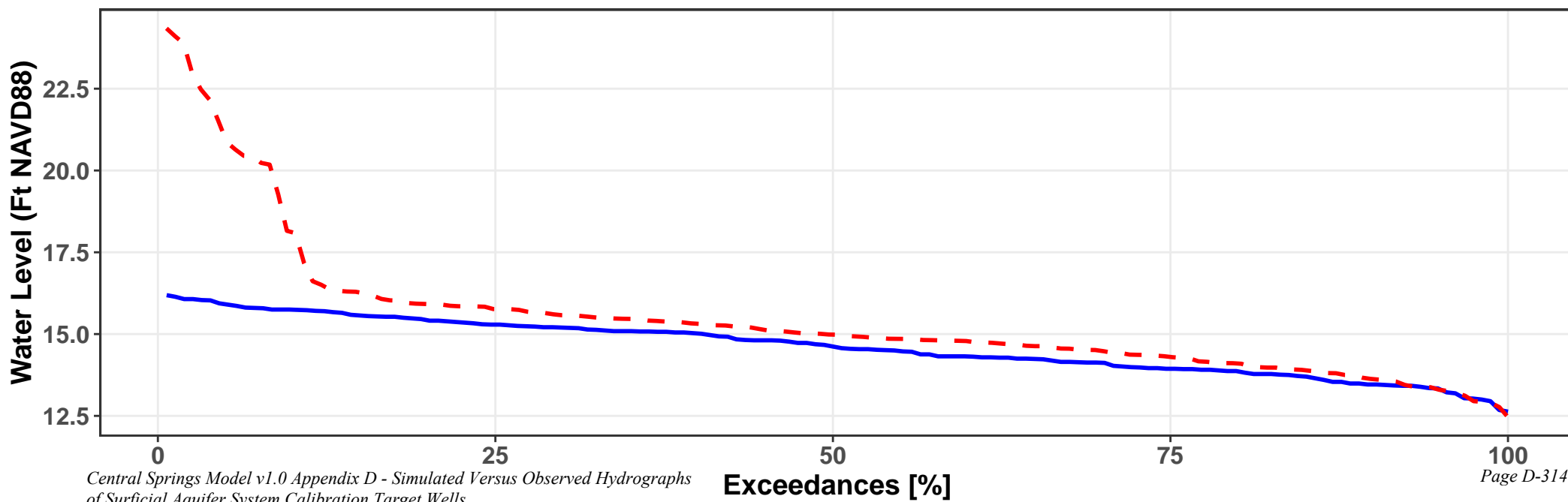
# SID19557 @ ROMP TR 13-3 Surf Aq Monitor

ME = 0.9 MAE = 1.1  $R^2 = 0.4076$  NSE = -4.659

— Observed — Simulated



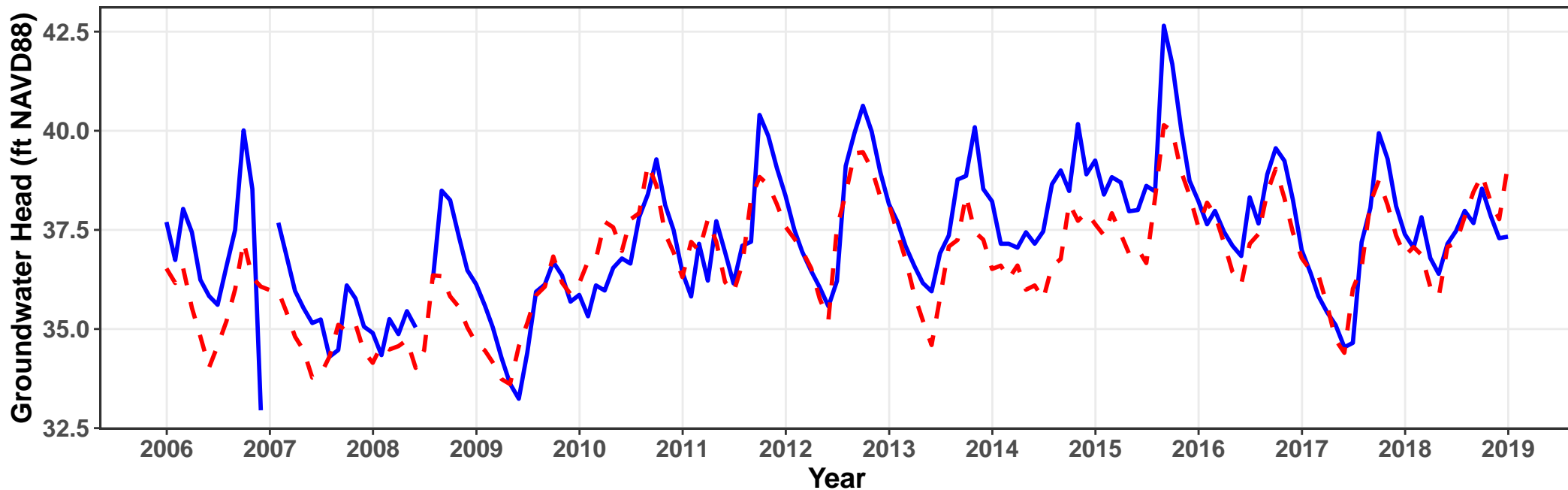
## Stage Duration Curve



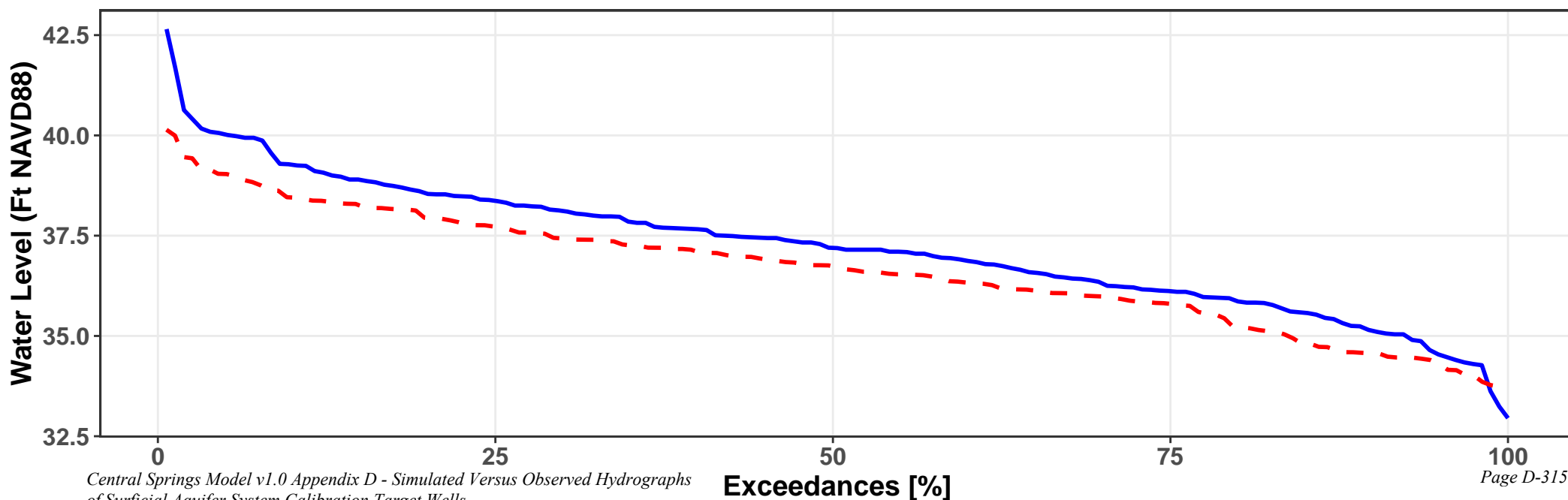
# SID19565 @ Citrus Park Elementary School Surf

ME = -0.6 MAE = 0.9  $R^2 = 0.6681$  NSE = 0.548

— Observed - - Simulated



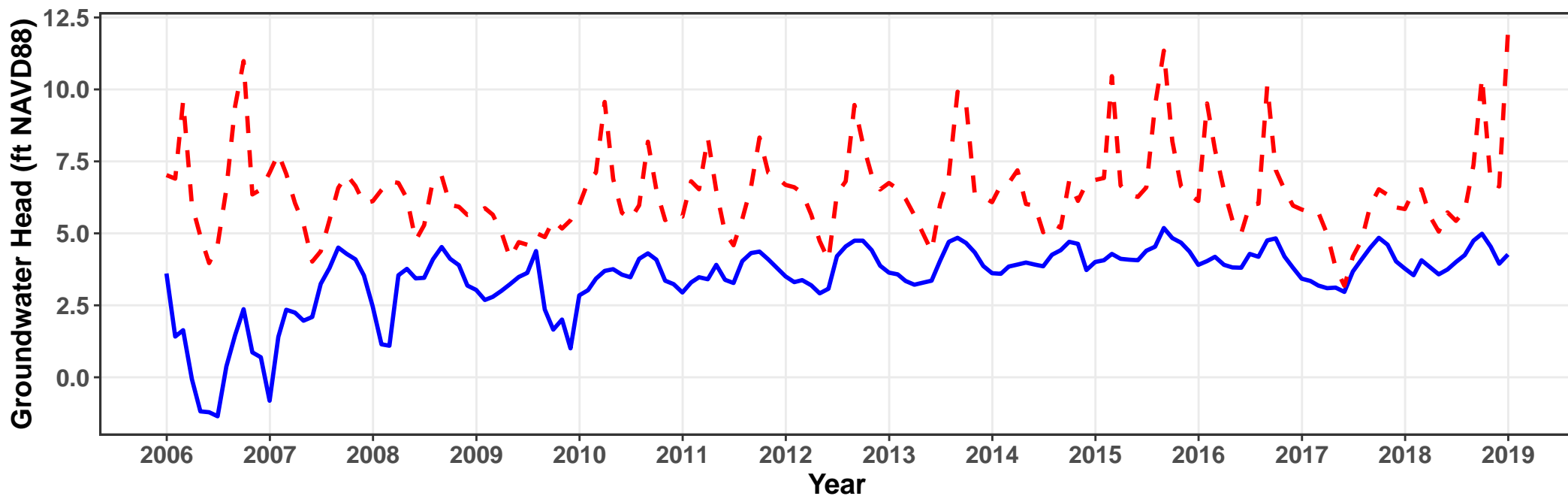
## Stage Duration Curve



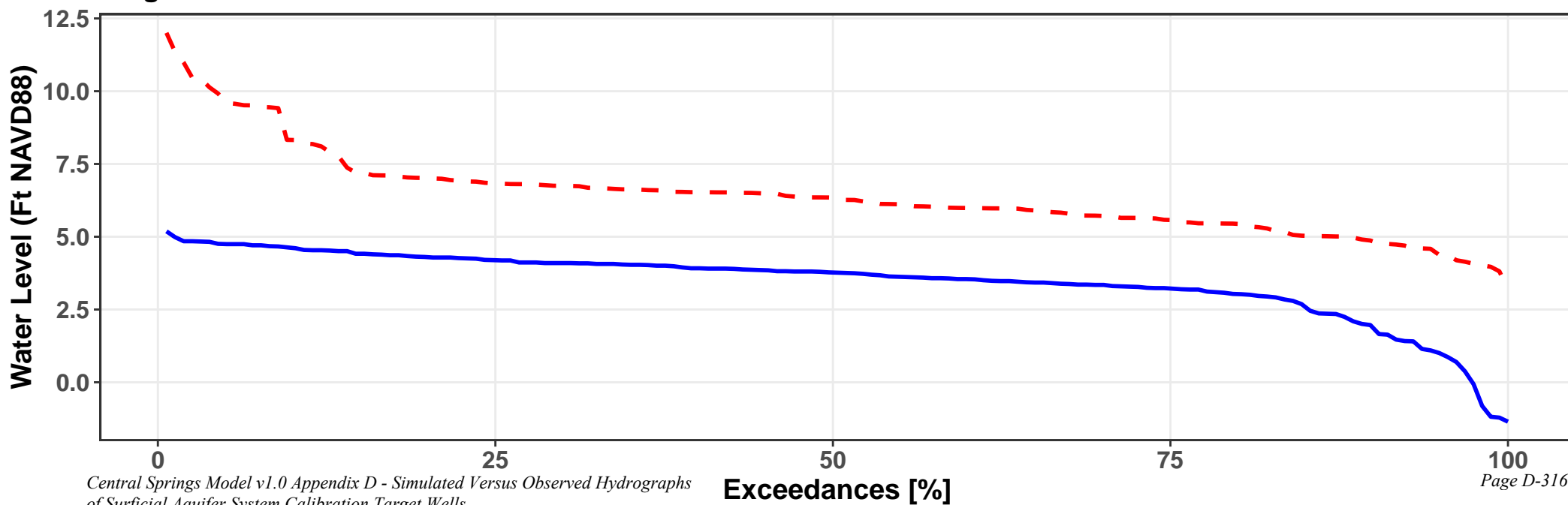
# SID19573 @ ROMP TR 12-1 Surf Aq Monitor Repl

ME = 3 MAE = 3  $R^2 = 0.0734$  NSE = -6.788

— Observed — Simulated



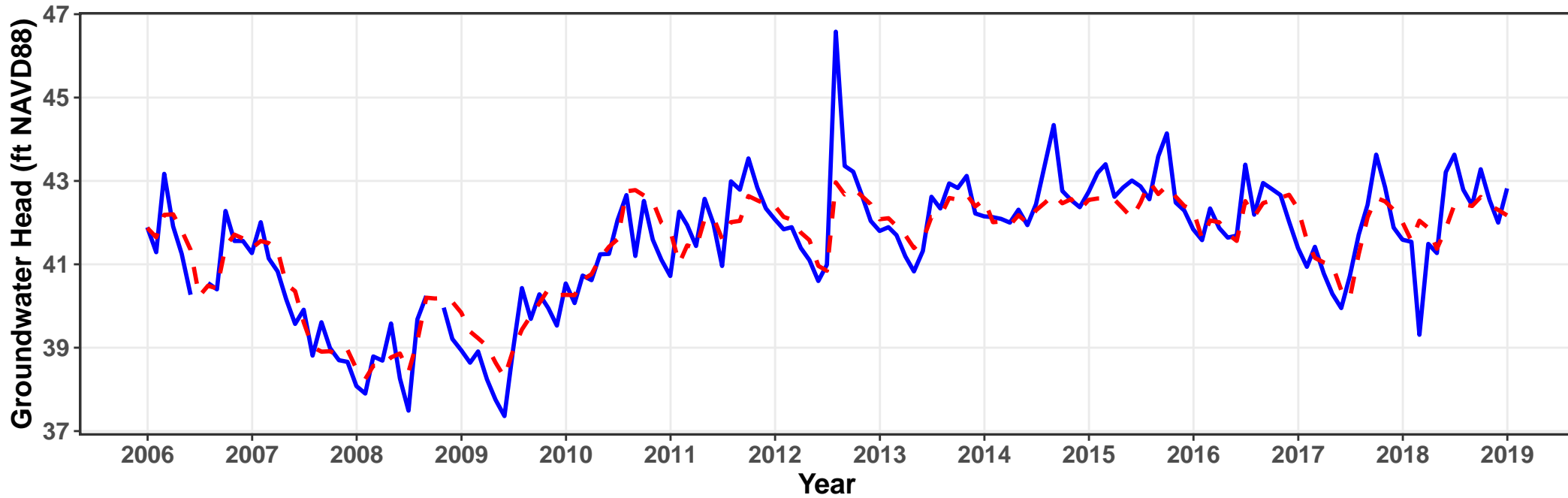
## Stage Duration Curve



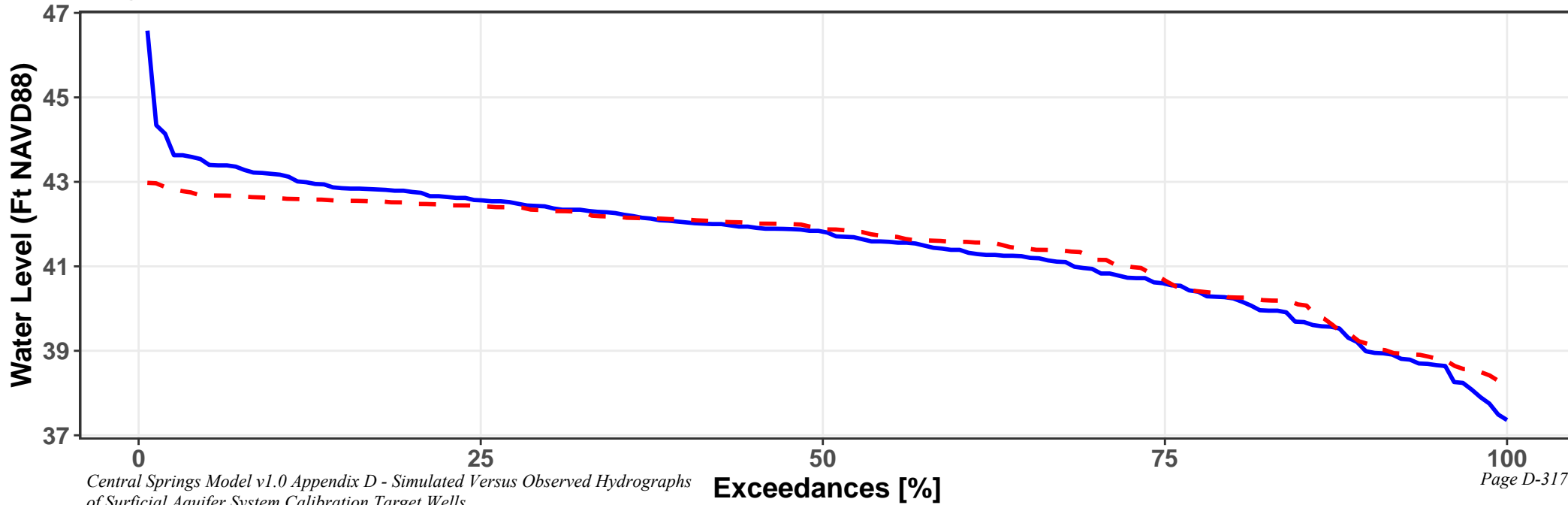
# SID19575 @ Hutchison (Hillsborough) Surf

ME = -0 MAE = 0.5  $R^2 = 0.827$  NSE = 0.817

— Observed - - Simulated



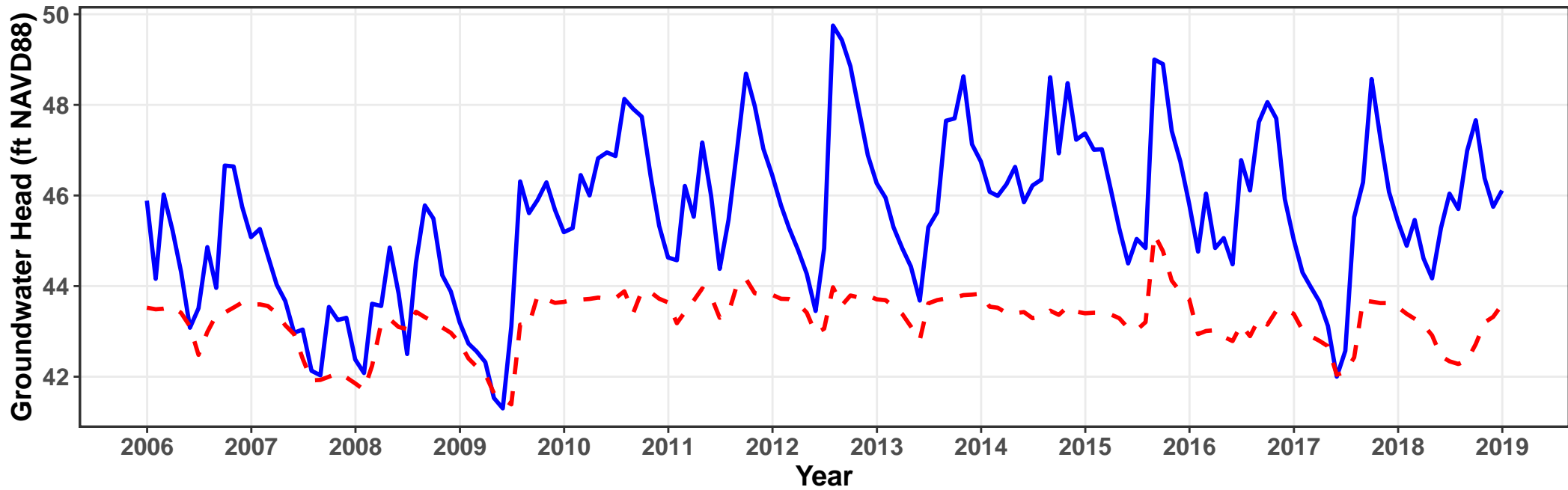
## Stage Duration Curve



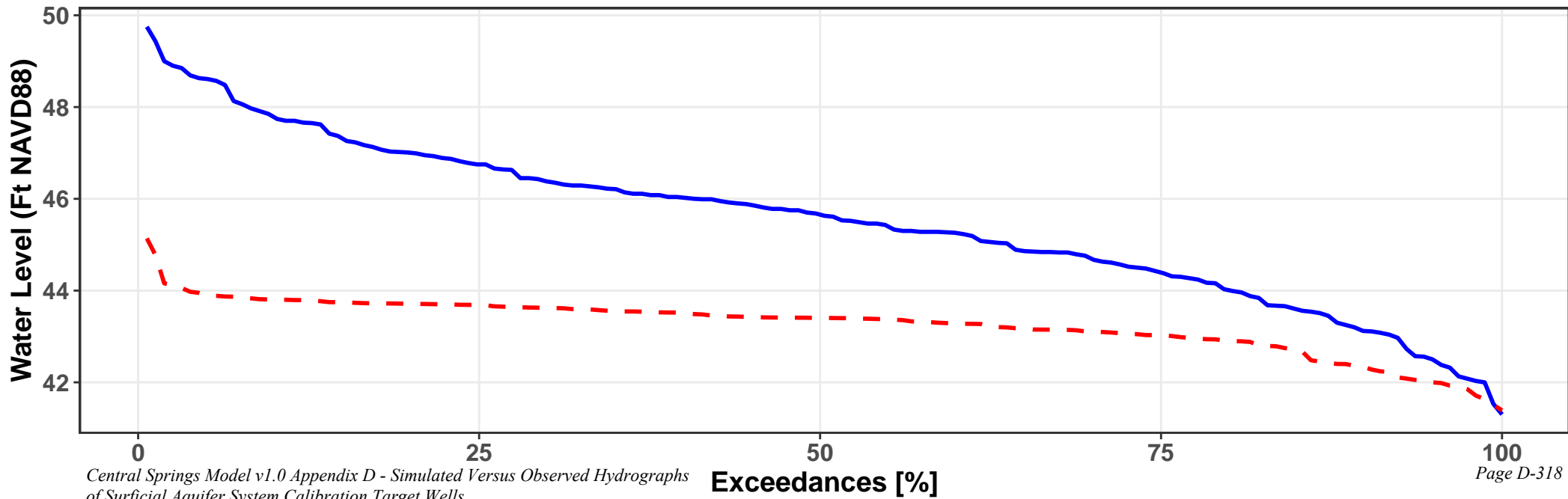
# SID19596 @ St Pete James 10 Shallow

ME = -2.3 MAE = 2.3  $R^2 = 0.5451$  NSE = -1.284

— Observed - - Simulated



## Stage Duration Curve

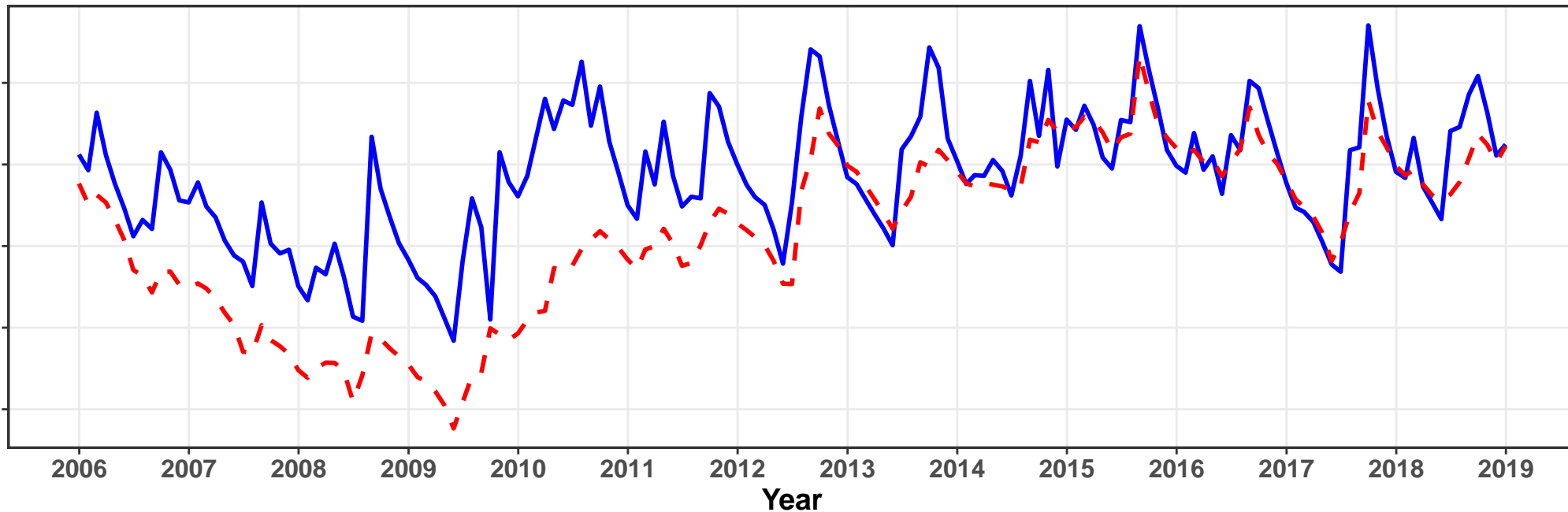


# SID19619 @ Lutz Park Surf

ME = -1.4 MAE = 1.5  $R^2 = 0.5755$  NSE = -0.461

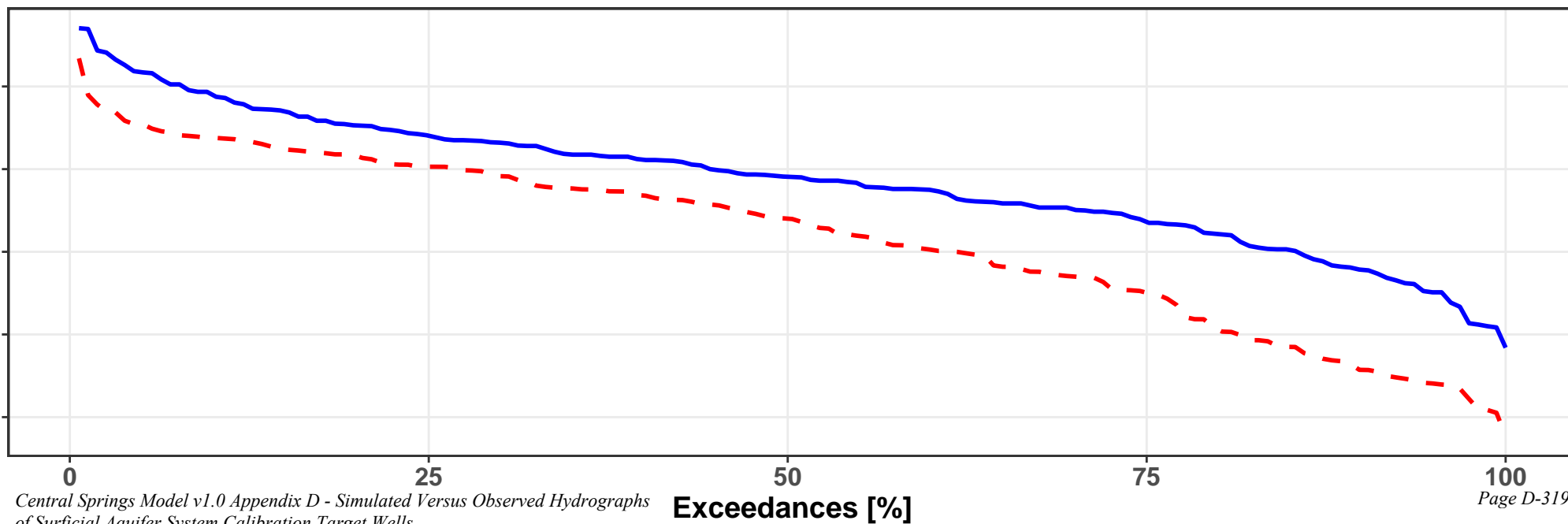
— Observed - - Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

Water Level (Ft NAVD88)

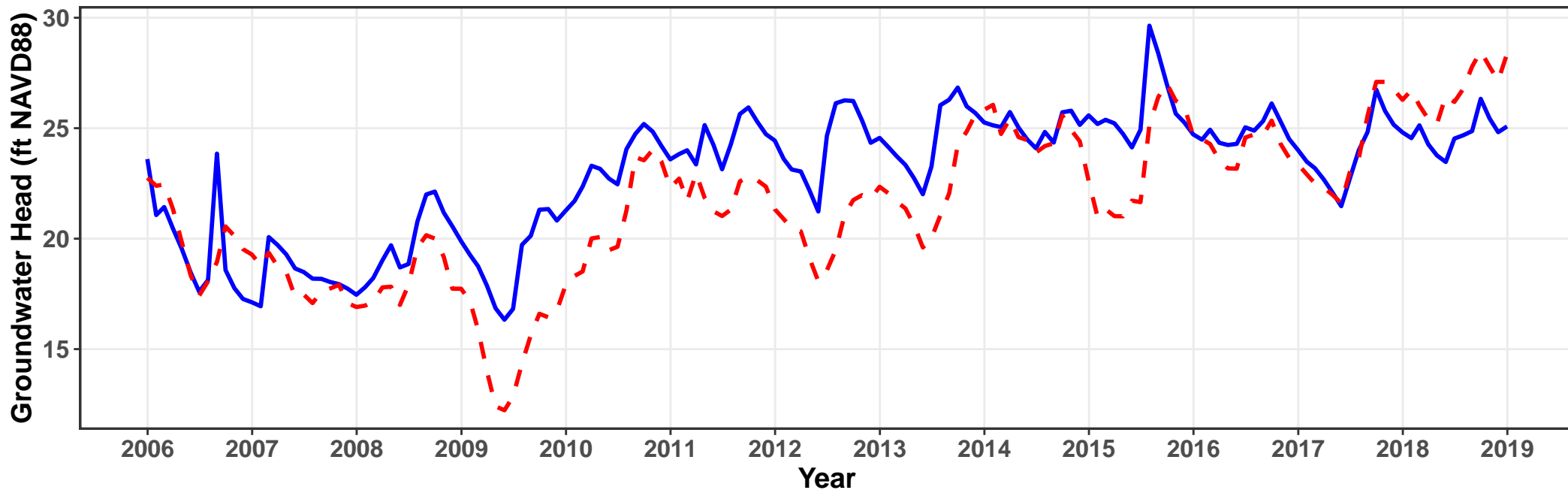




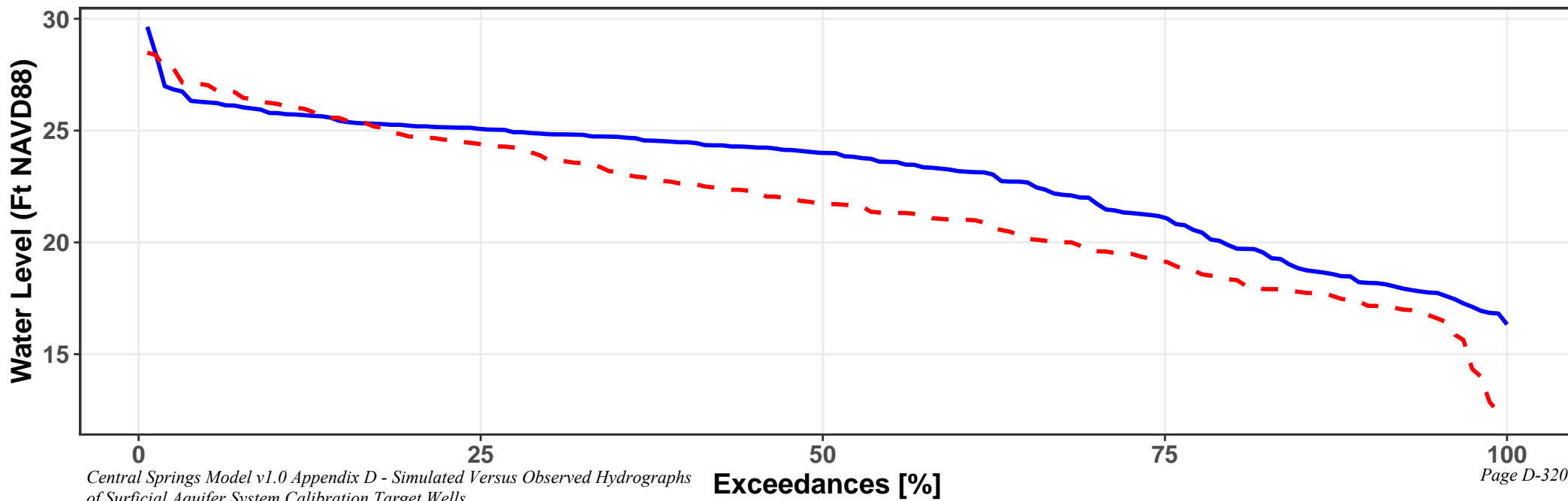
# SID19664 @ Eldridge-Wilde 11 Surf

ME = -1.3 MAE = 1.9  $R^2 = 0.6523$  NSE = 0.28

— Observed - - Simulated



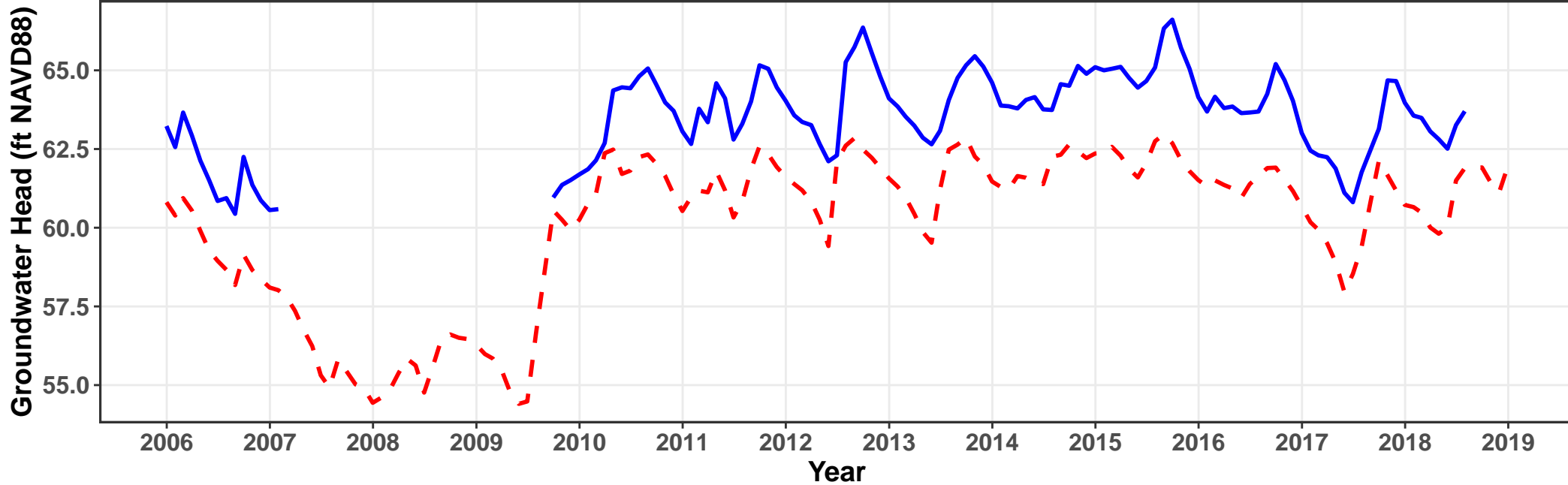
## Stage Duration Curve



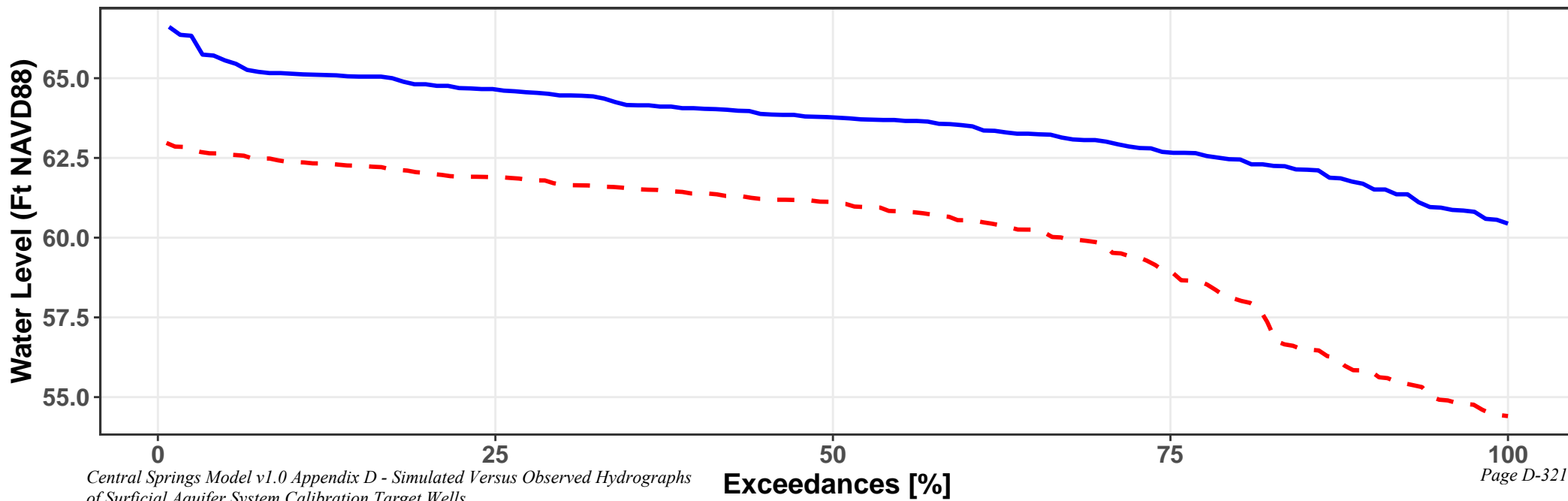
# SID19677 @ Harry Matts Shallow

ME = -2.5 MAE = 2.5  $R^2 = 0.7886$  NSE = -2.477

— Observed - - Simulated



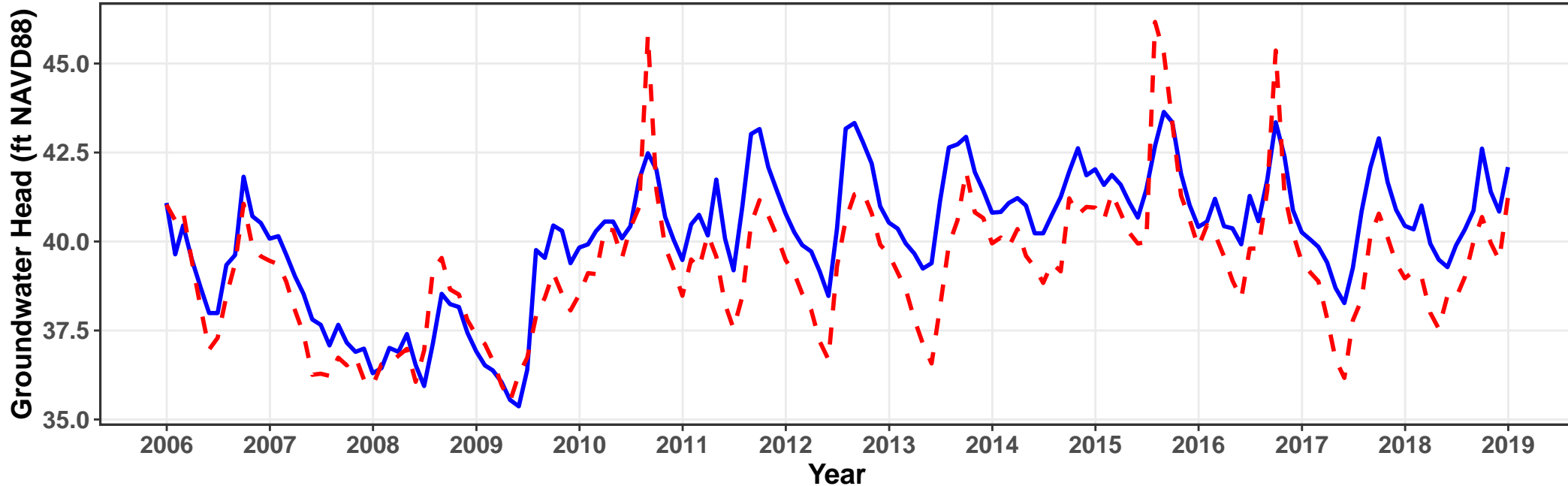
## Stage Duration Curve



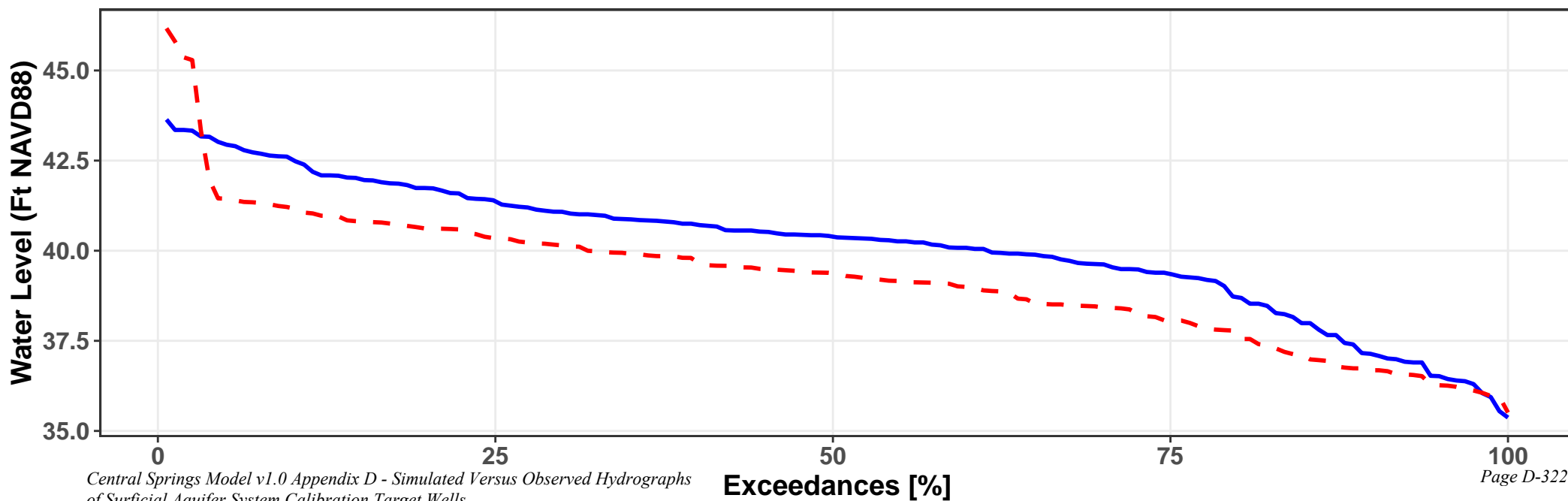
# SID19809 @ Lake Alice Surf

ME = -0.9 MAE = 1.2  $R^2 = 0.731$  NSE = 0.465

— Observed - - Simulated



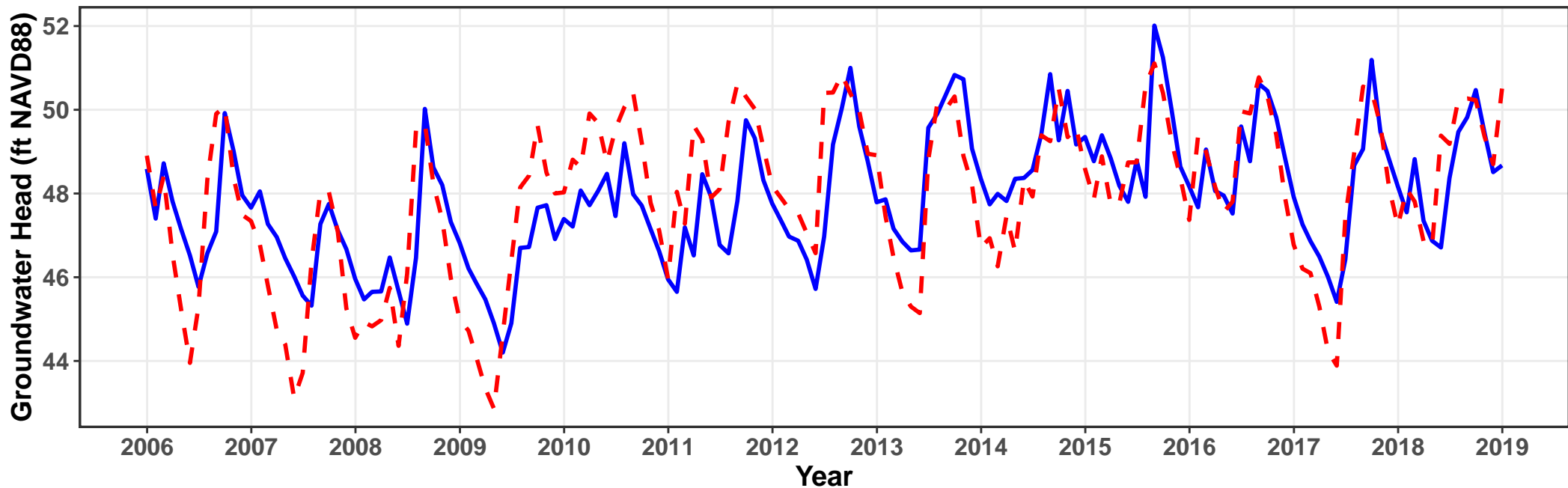
## Stage Duration Curve



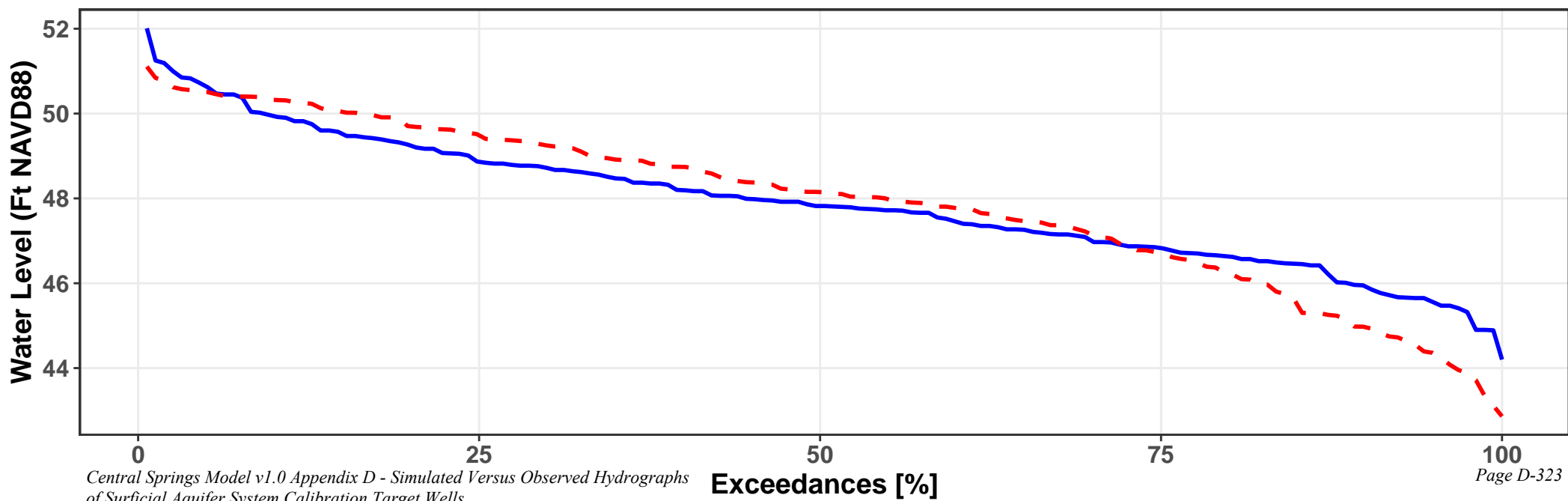
# SID19916 @ Buchanan Middle School Surf

ME = 0 MAE = 1  $R^2 = 0.5664$  NSE = 0.284

— Observed - - Simulated



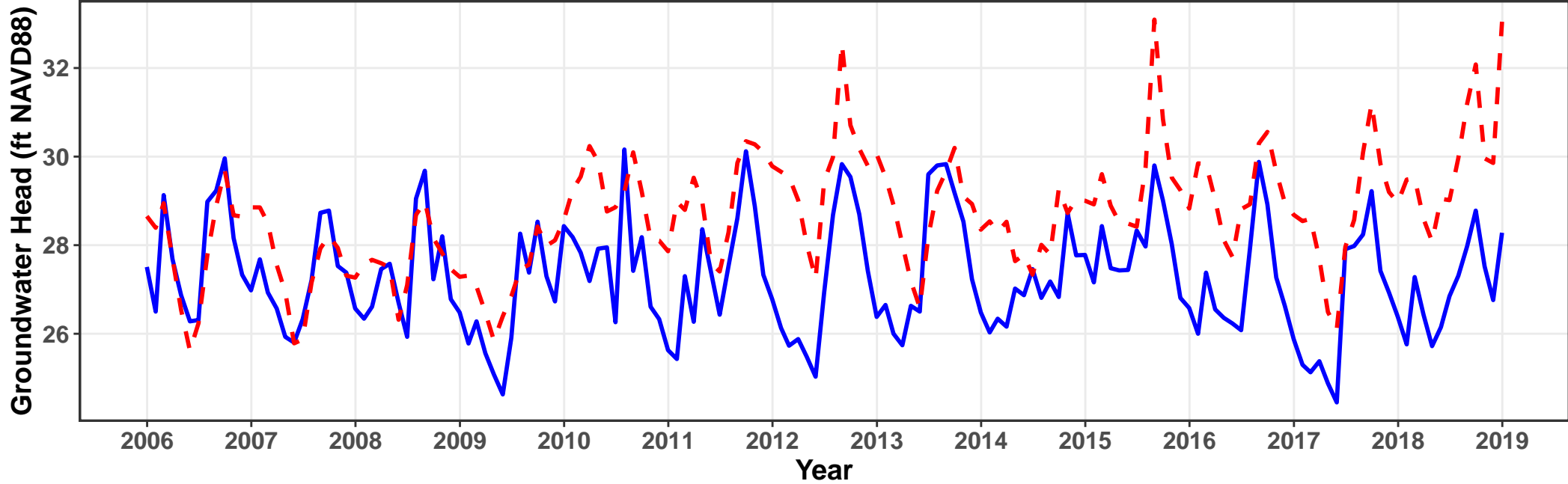
## Stage Duration Curve



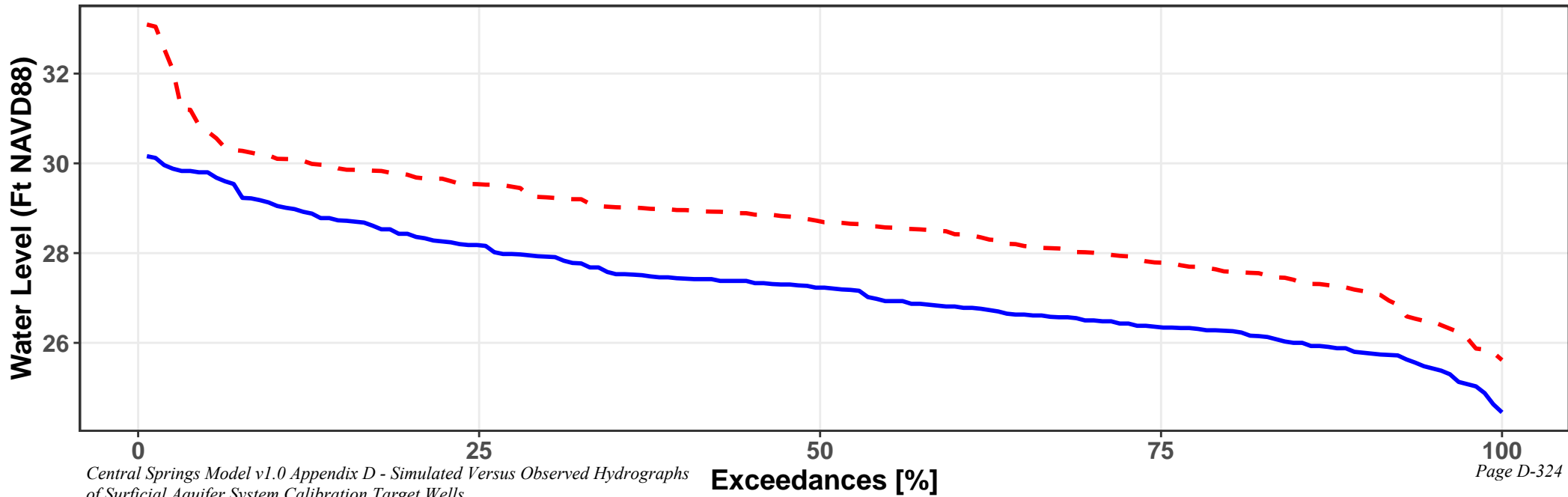
# SID19921 @ Crestwood Elementary School Surf

ME = 1.4 MAE = 1.5  $R^2 = 0.2971$  NSE = -1.21

— Observed - - Simulated

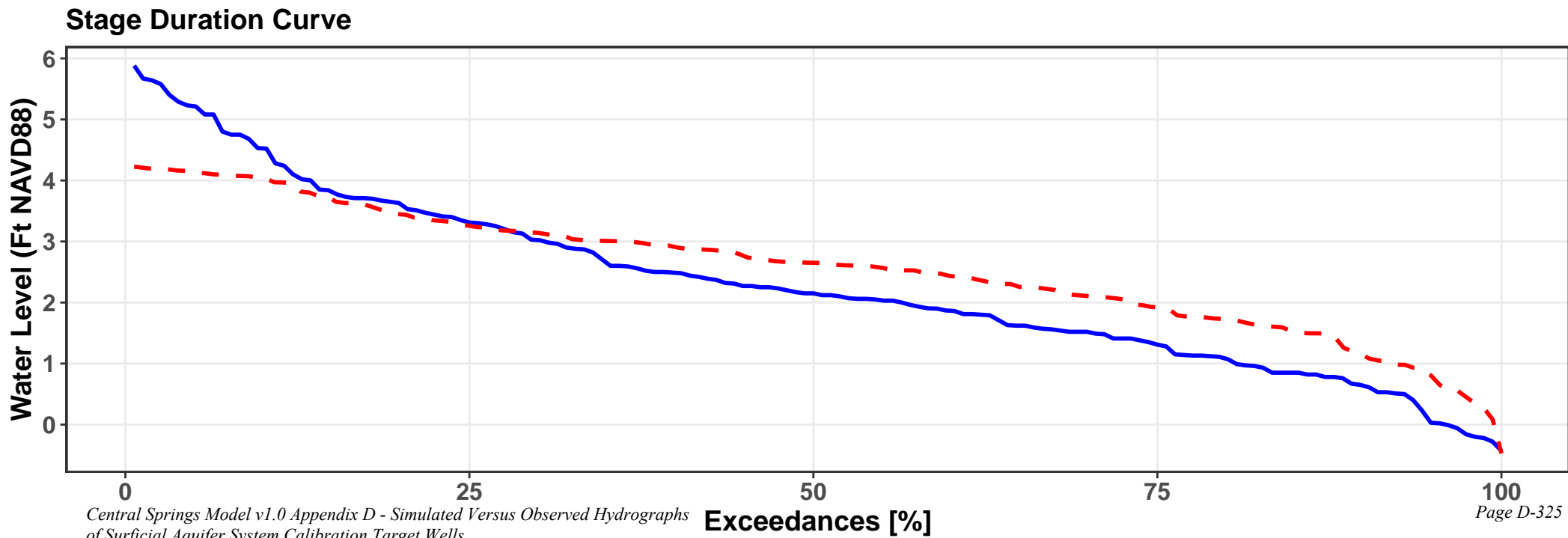
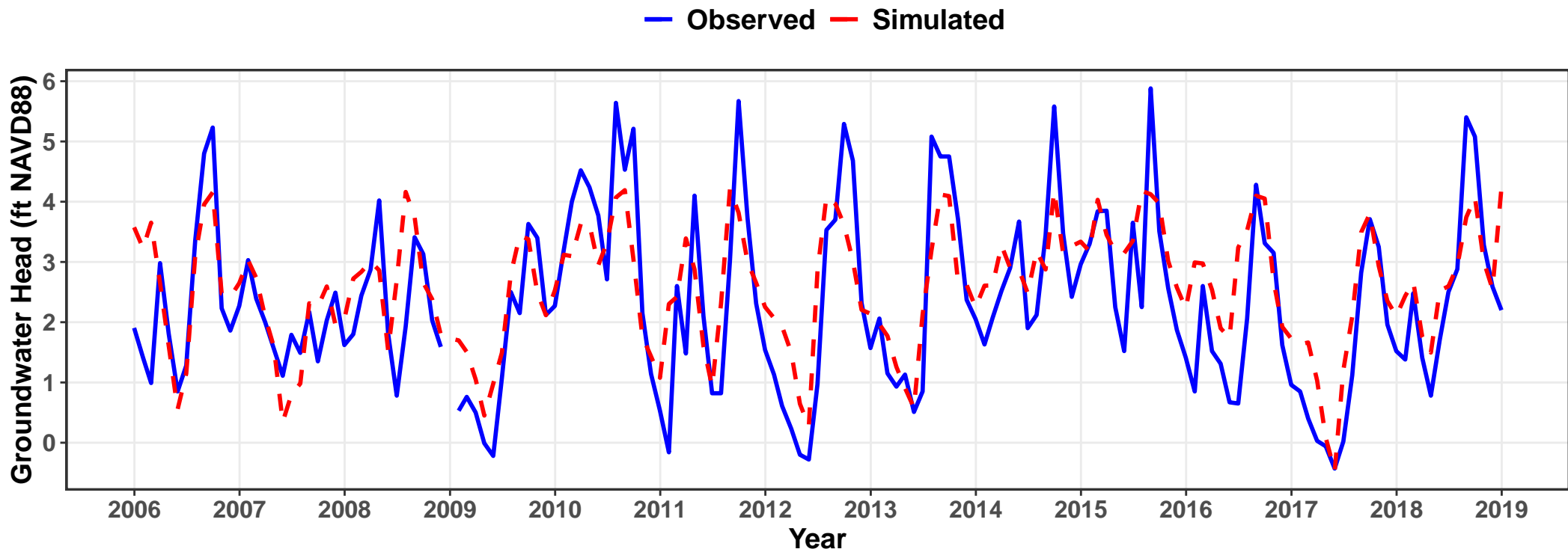


## Stage Duration Curve



# SID19959 @ Upper Tampa Bay Park Surf

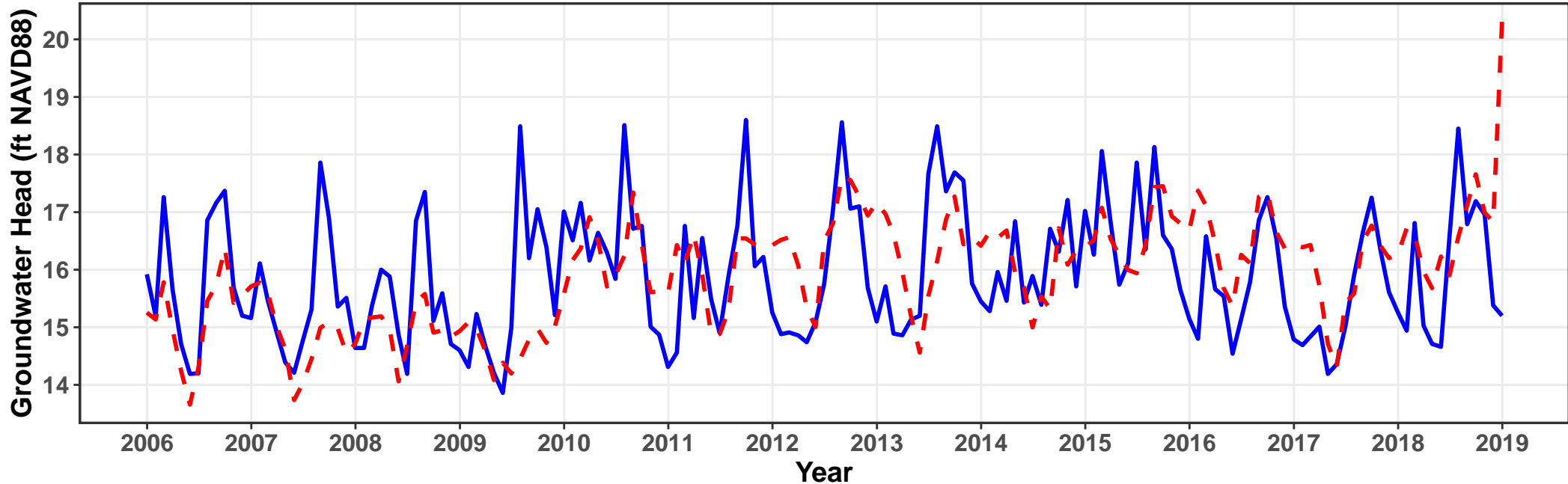
ME = 0.3 MAE = 0.8  $R^2 = 0.5858$  NSE = 0.55



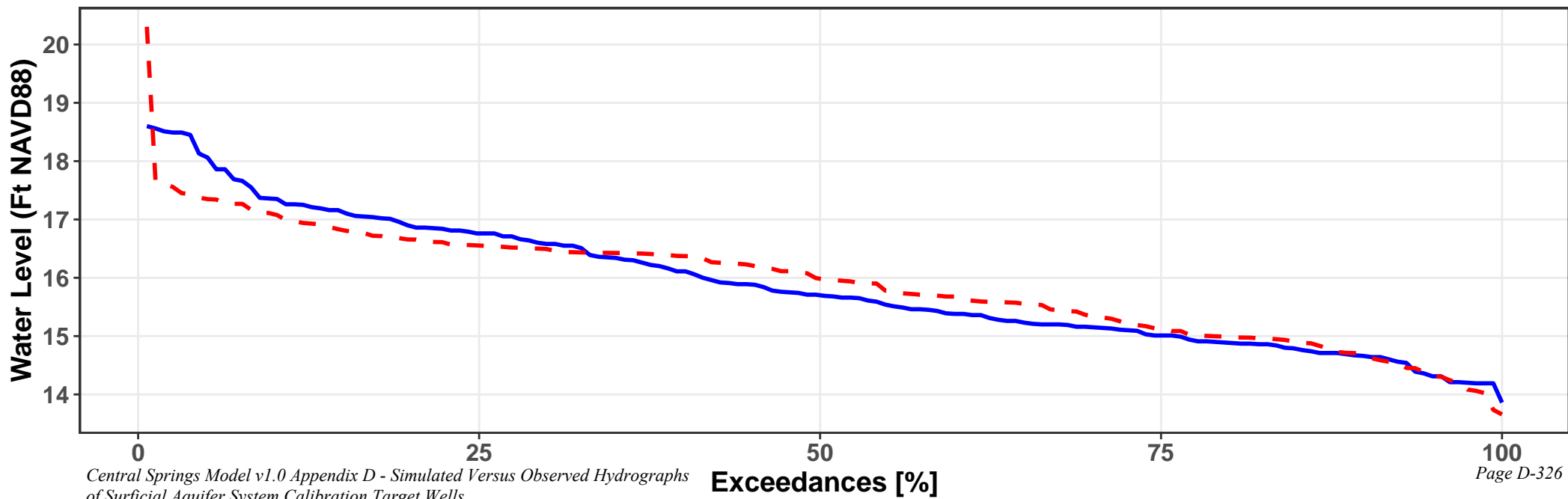
# SID19966 @ Bellamy Elementary School Surf

ME = 0 MAE = 0.8  $R^2 = 0.1767$  NSE = -0.037

— Observed - - Simulated

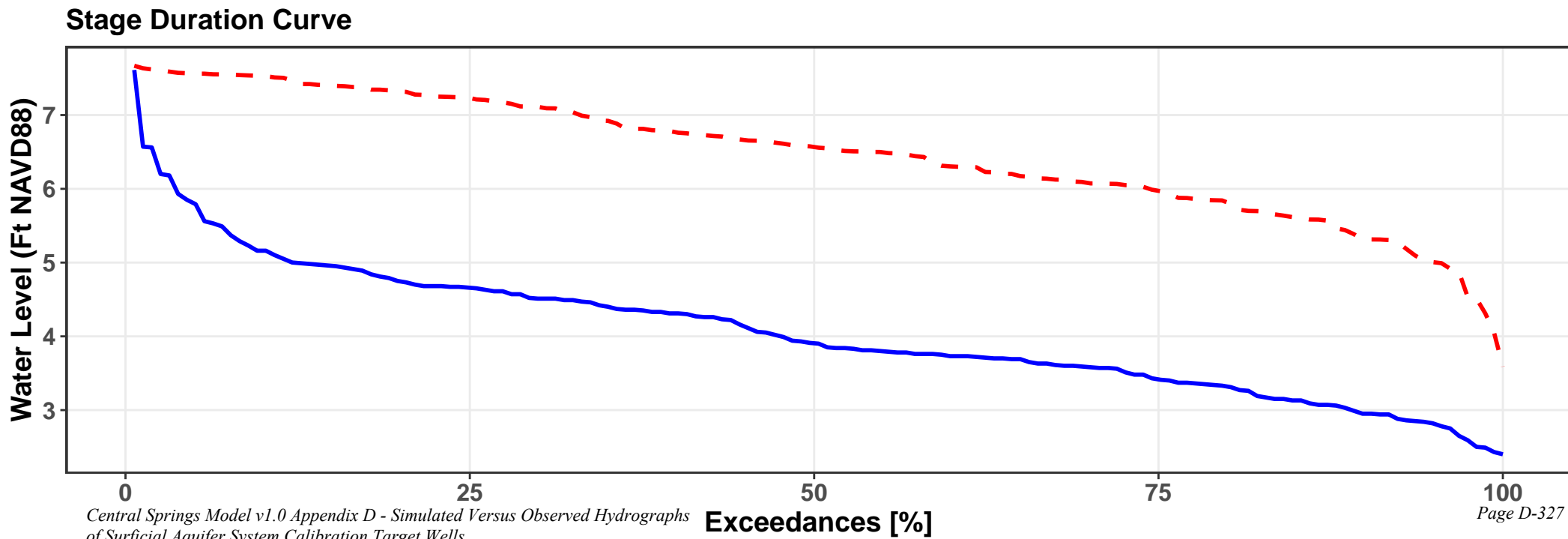
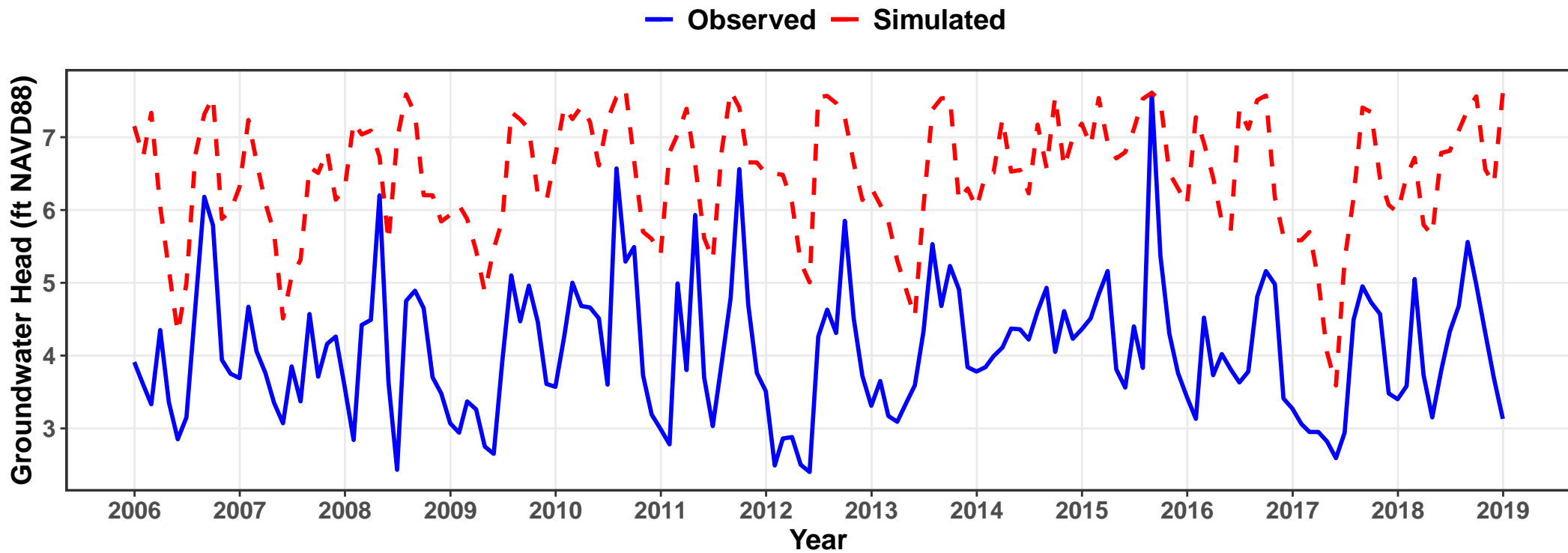


## Stage Duration Curve



# SID19970 @ Tampa Bay Downs Surf

ME = 2.4 MAE = 2.4  $R^2 = 0.4$  NSE = -6.734

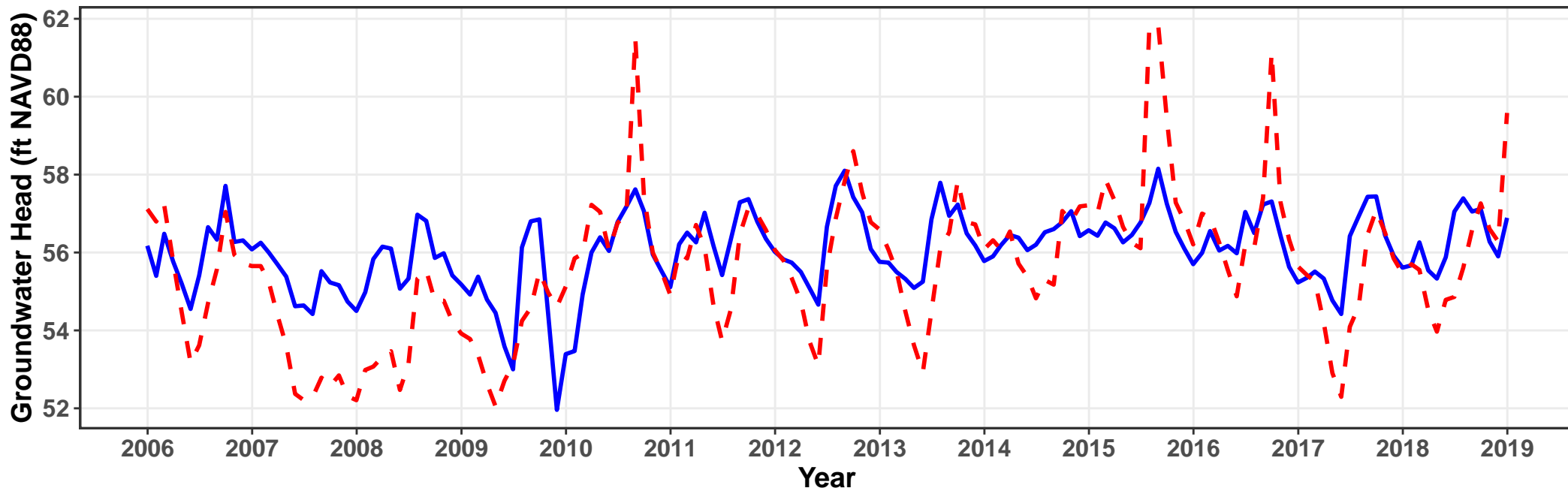




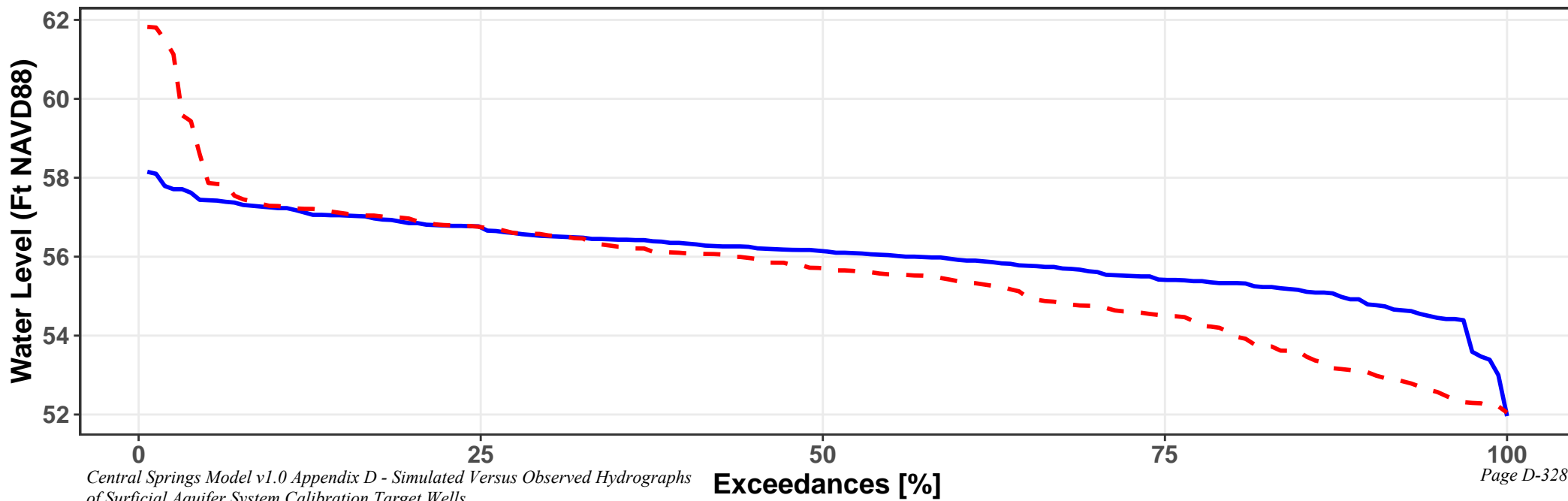
# SID19975 @ Lutz-Lake Fern Shallow

ME = -0.4 MAE = 1.1  $R^2 = 0.4665$  NSE = -1.141

— Observed - - Simulated



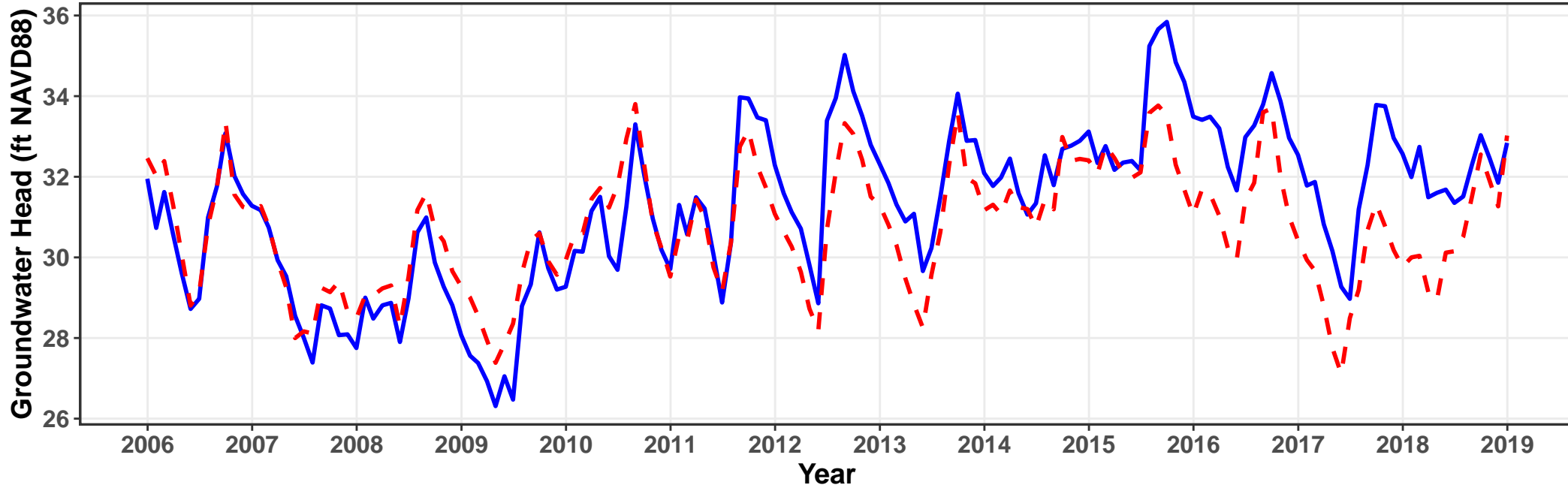
## Stage Duration Curve



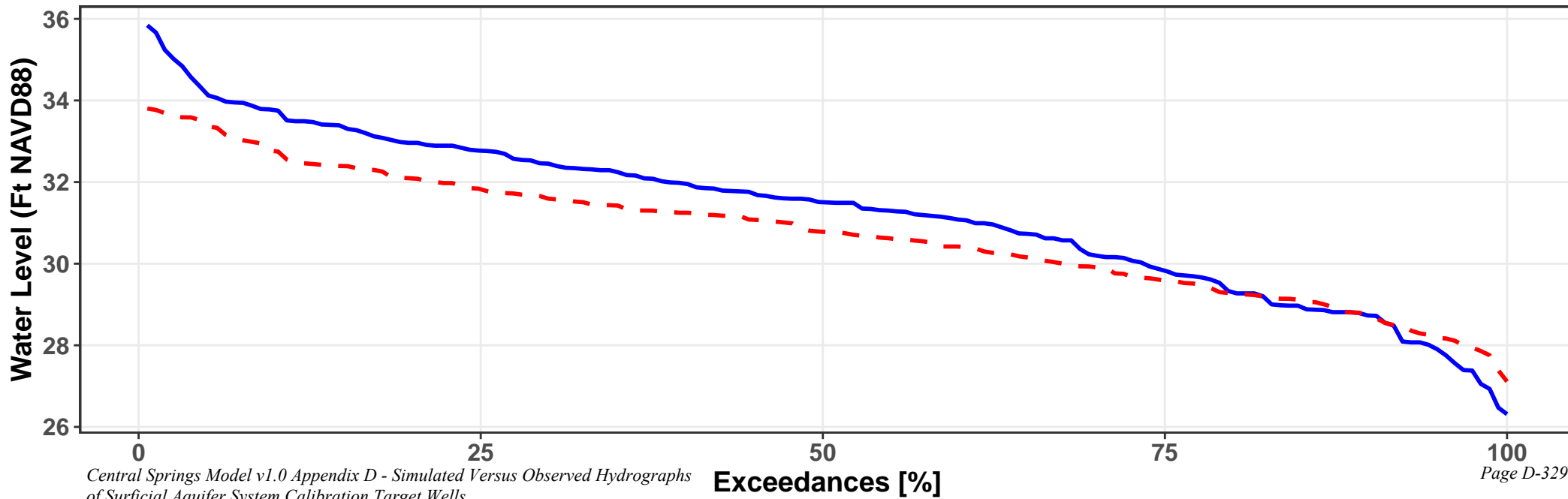
# SID19982 @ Diocese Surf

ME = -0.5 MAE = 1  $R^2 = 0.6806$  NSE = 0.603

— Observed - - Simulated



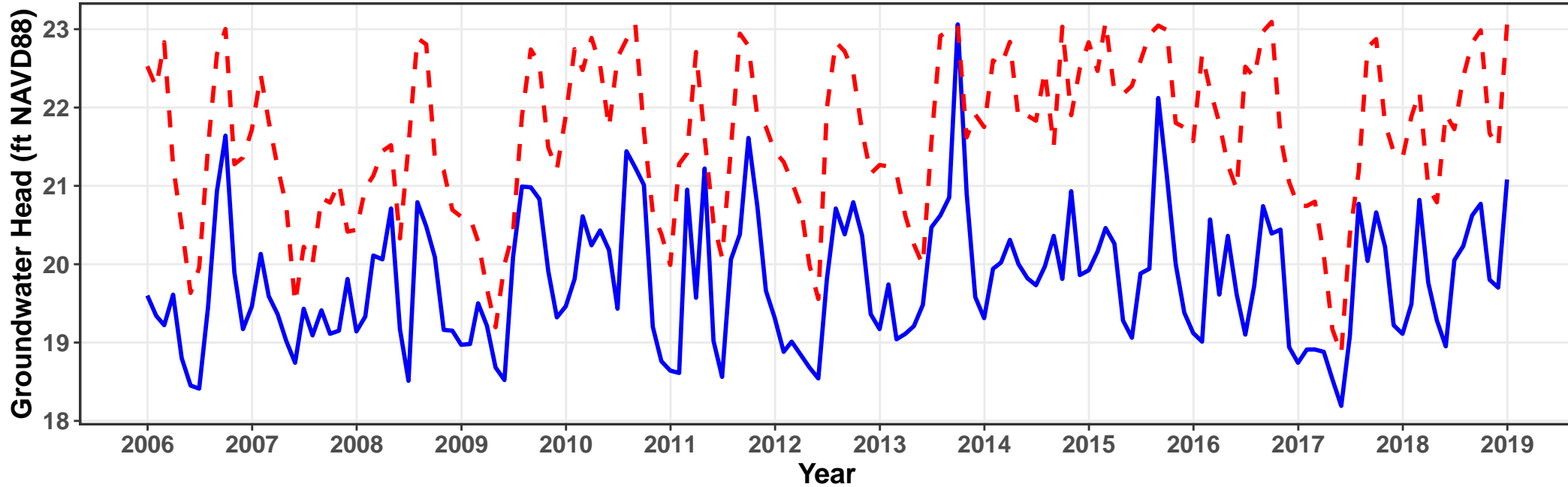
## Stage Duration Curve



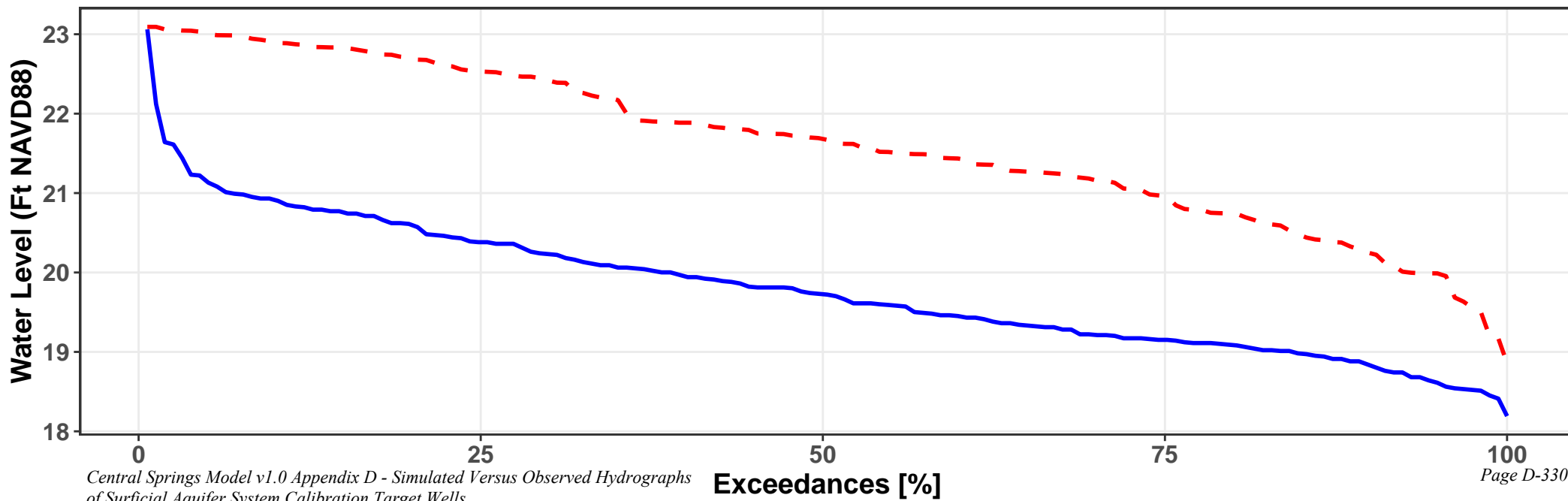
# SID19987 @ Eagles Golf Club Surf

ME = 1.8 MAE = 1.8  $R^2 = 0.4889$  NSE = -4.563

— Observed — Simulated



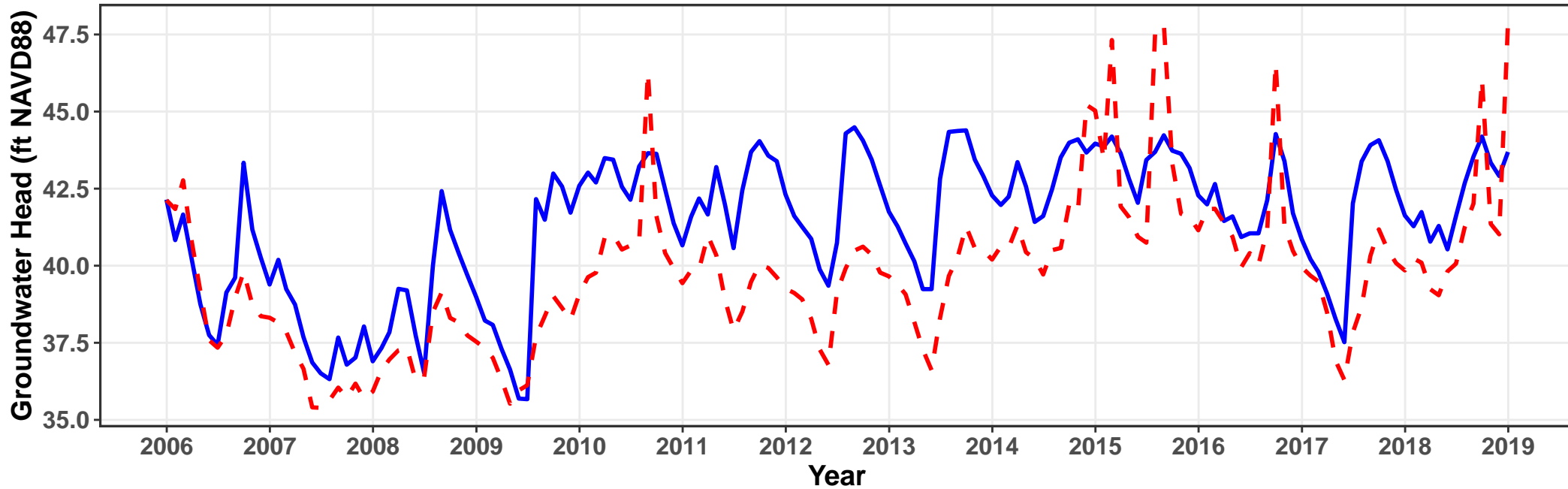
## Stage Duration Curve



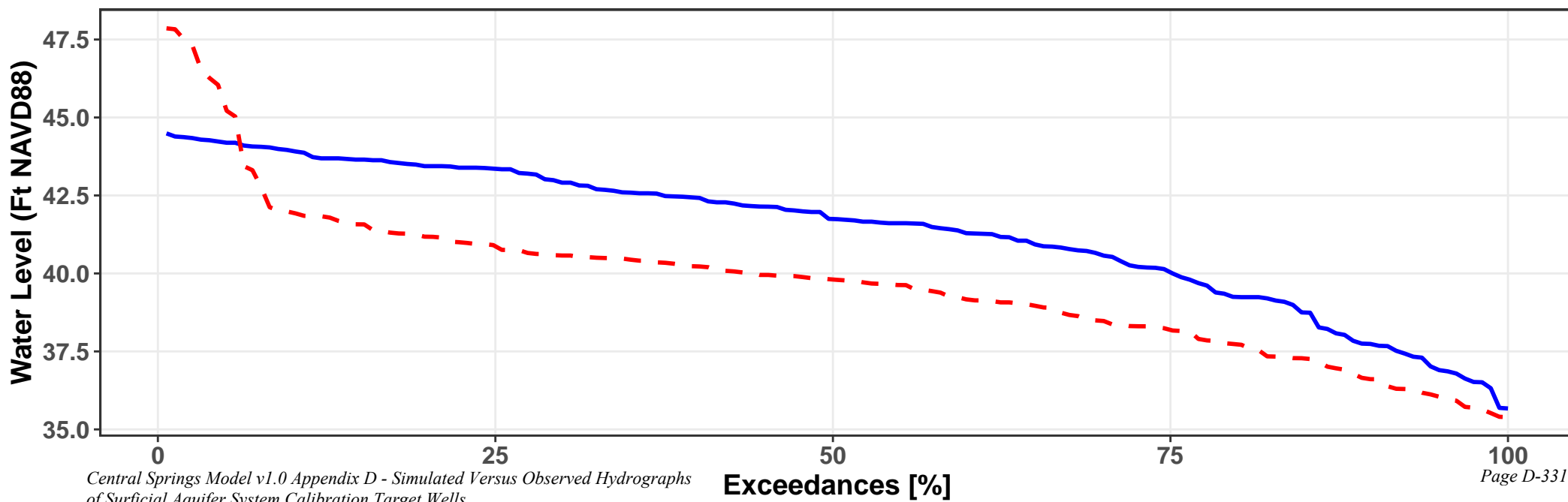
# SID20222 @ Starkey 1B Central Surf

ME = -1.6 MAE = 2  $R^2 = 0.5967$  NSE = -0.044

— Observed - - Simulated



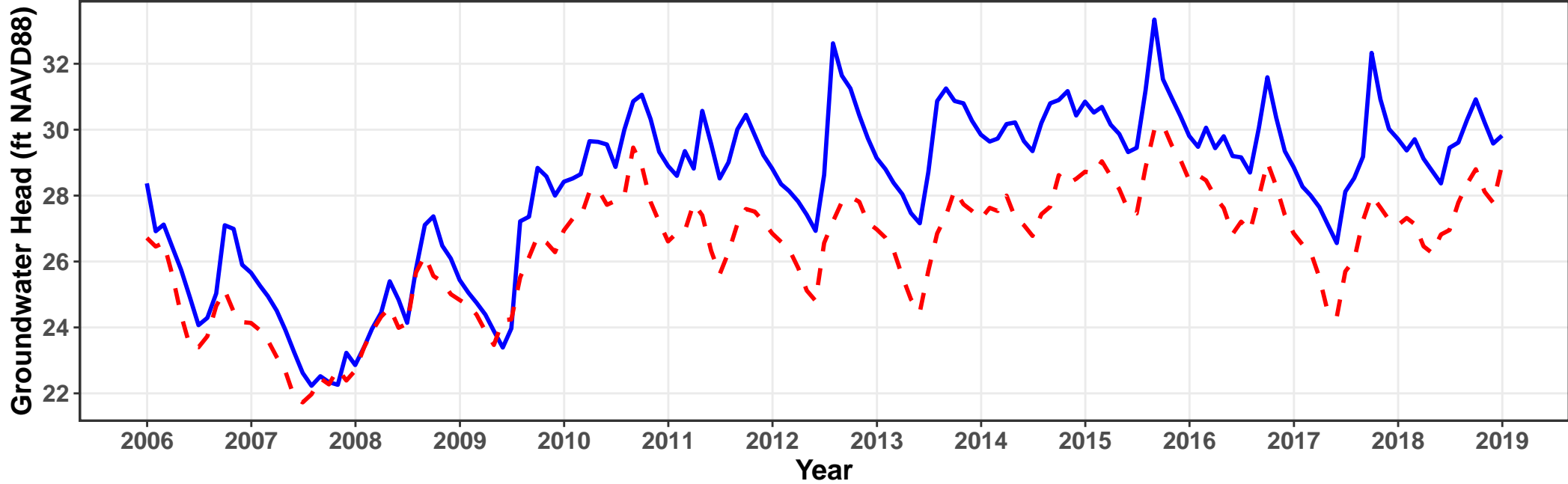
## Stage Duration Curve



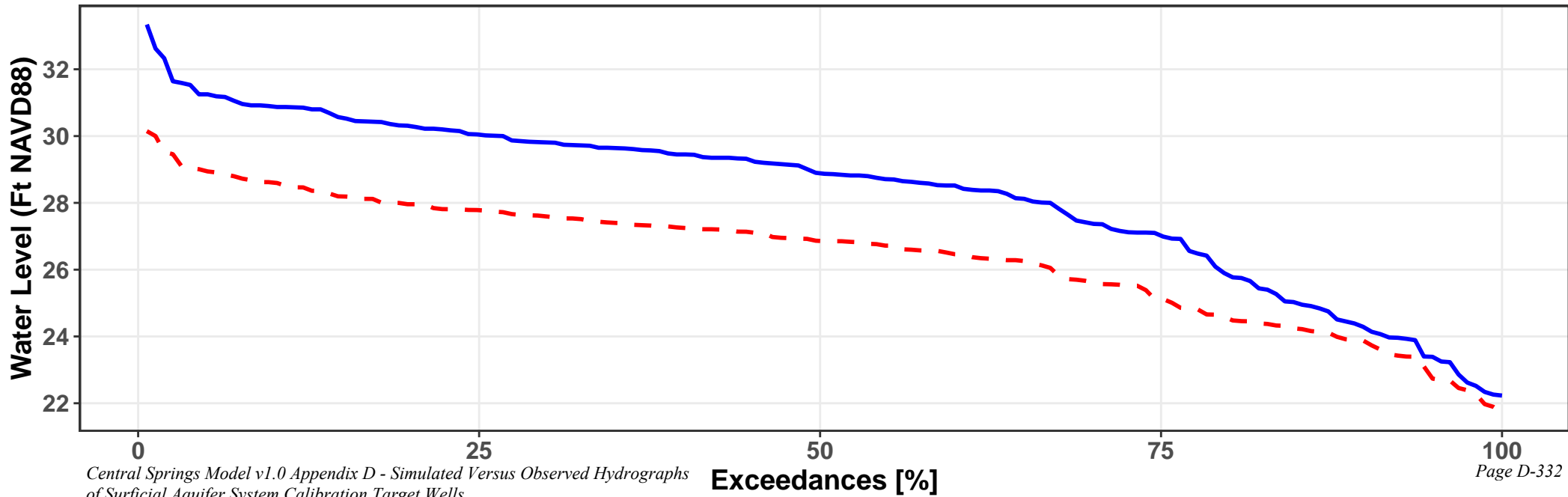
# SID20236 @ Starkey 707 Shallow

ME = -1.8 MAE = 1.8  $R^2 = 0.8862$  NSE = 0.306

— Observed - - Simulated



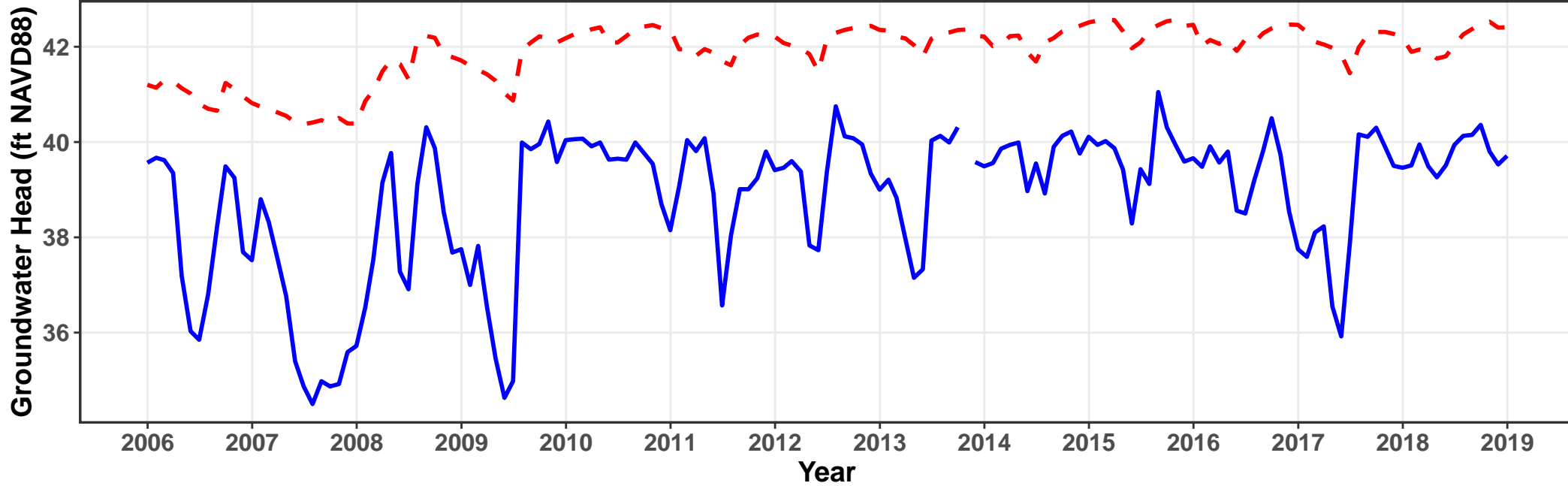
## Stage Duration Curve



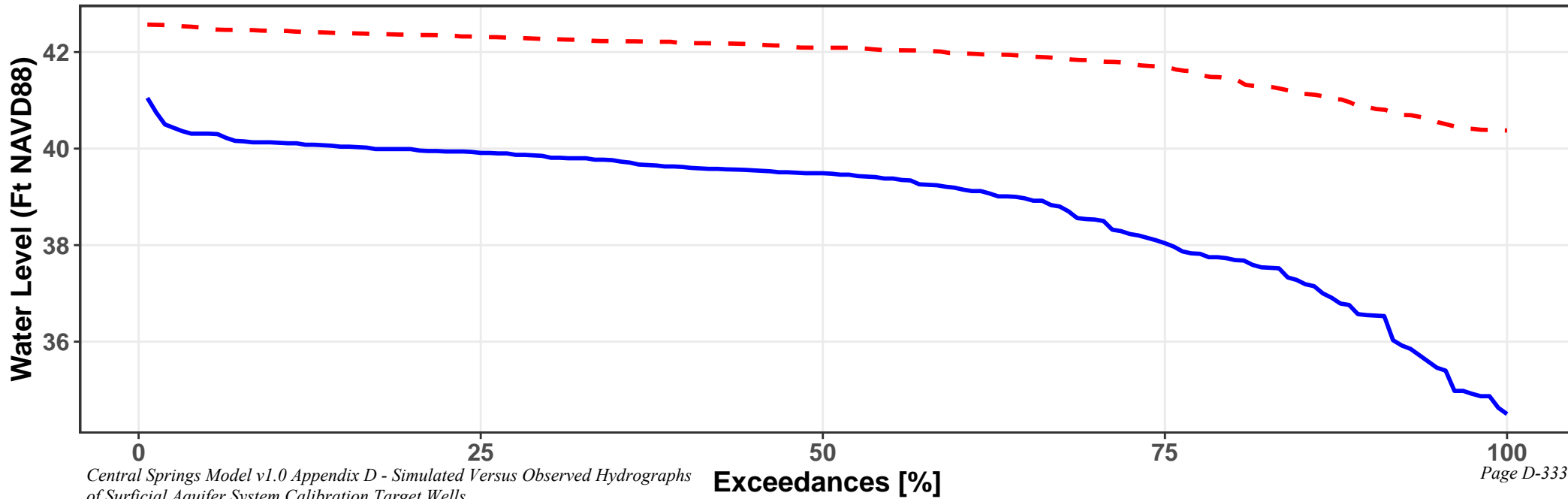
# SID20282 @ Starkey O Wetland Surf

ME = 3 MAE = 3  $R^2 = 0.5893$  NSE = -3.69

— Observed — Simulated



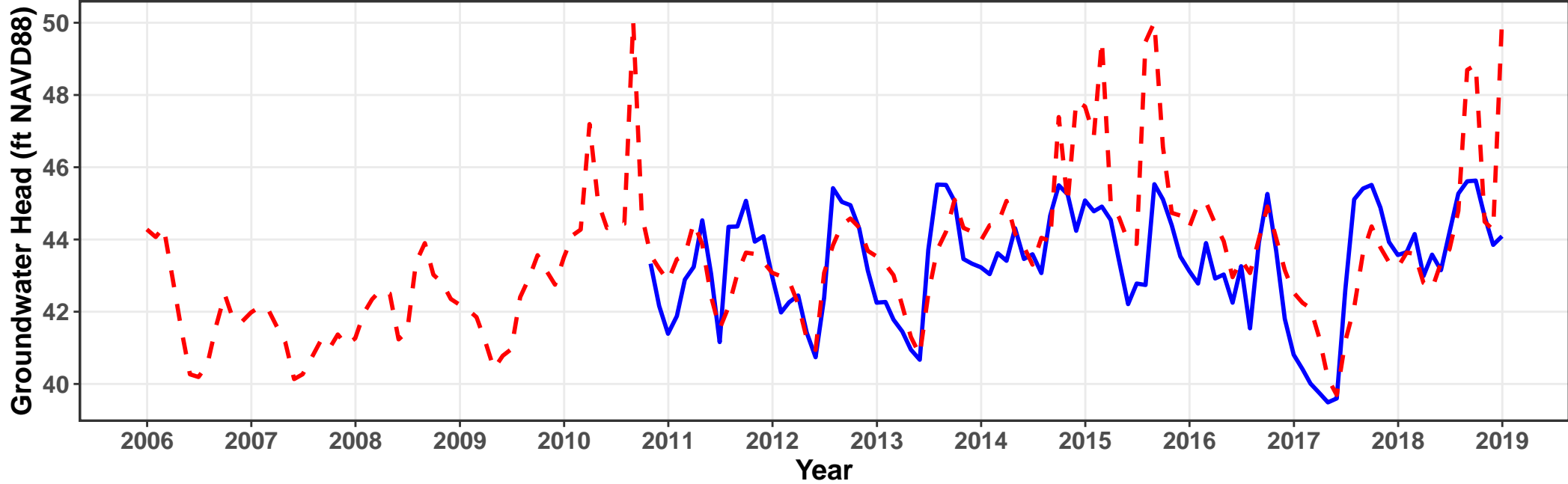
## Stage Duration Curve



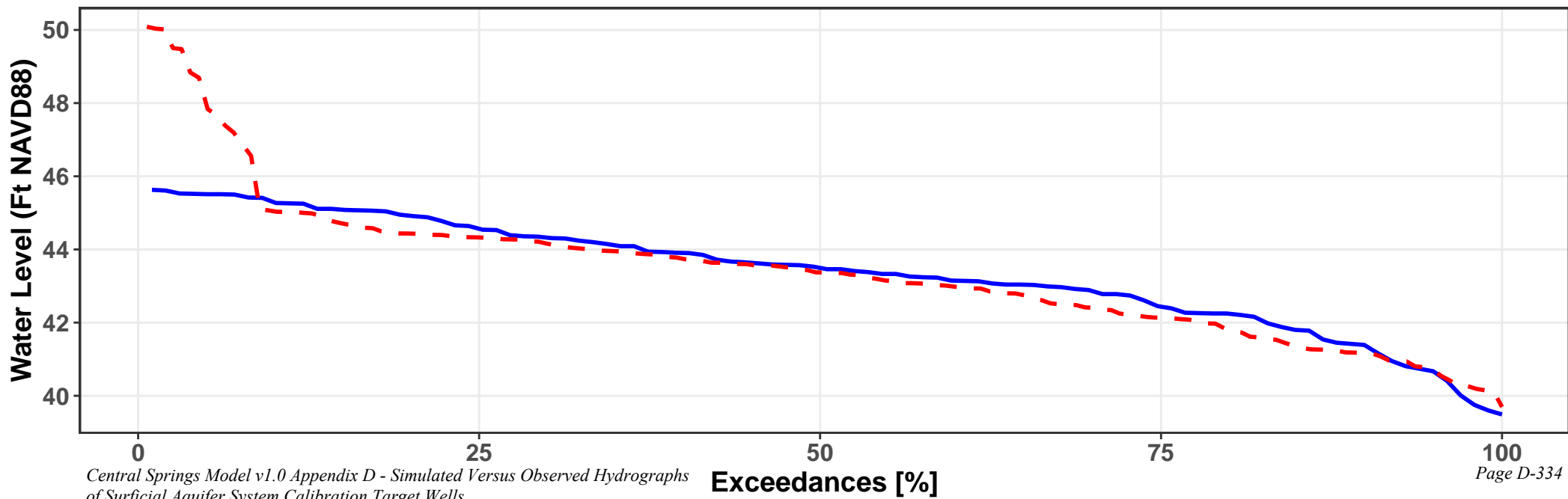
# SID20332 @ North Pasco 21 Upland Surf

ME = 0.6 MAE = 1.2  $R^2 = 0.3987$  NSE = -0.205

— Observed — Simulated



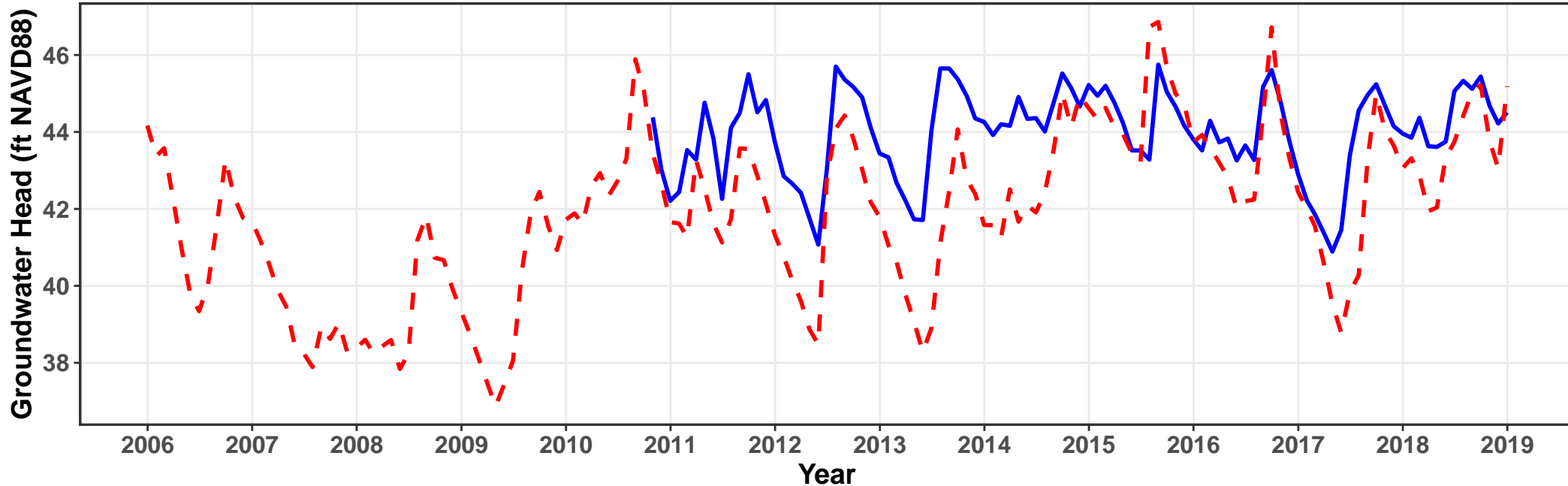
## Stage Duration Curve



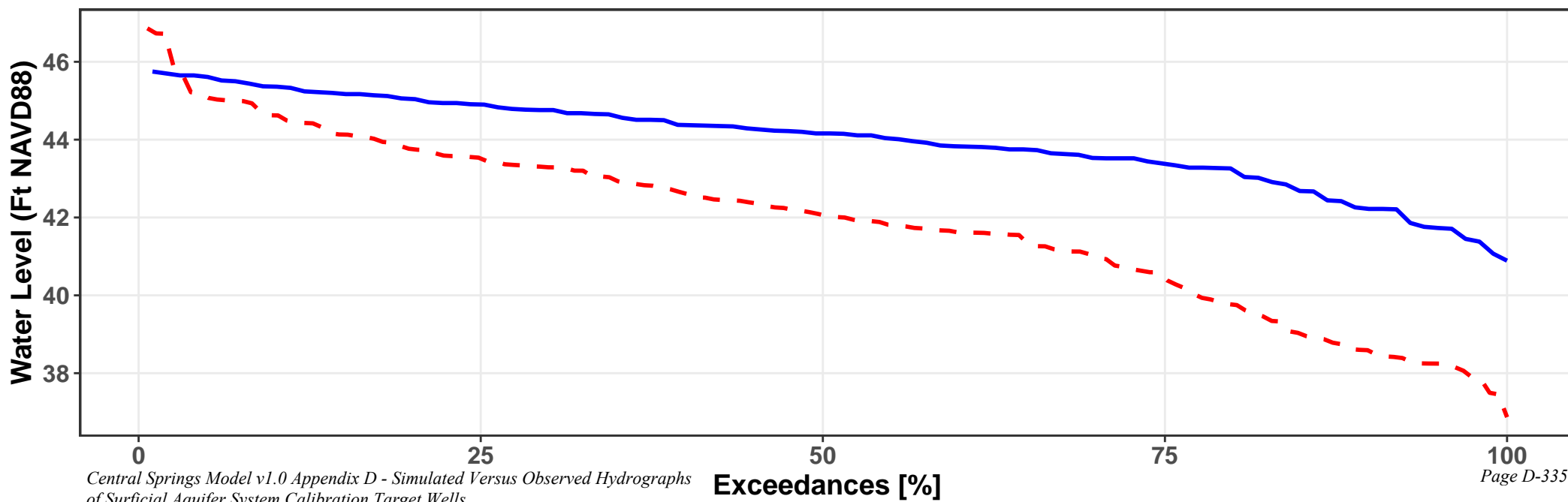
# SID20341 @ North Pasco 3 Upland Surf

ME = -1.3 MAE = 1.5  $R^2 = 0.5182$  NSE = -1.502

— Observed - - Simulated



## Stage Duration Curve

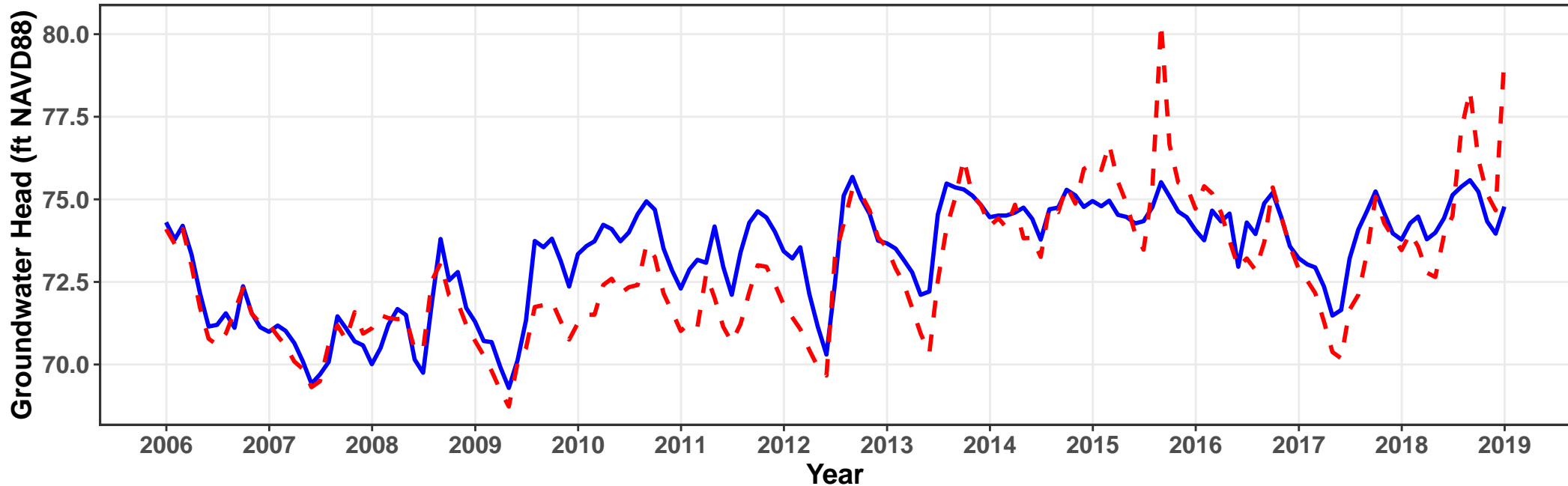




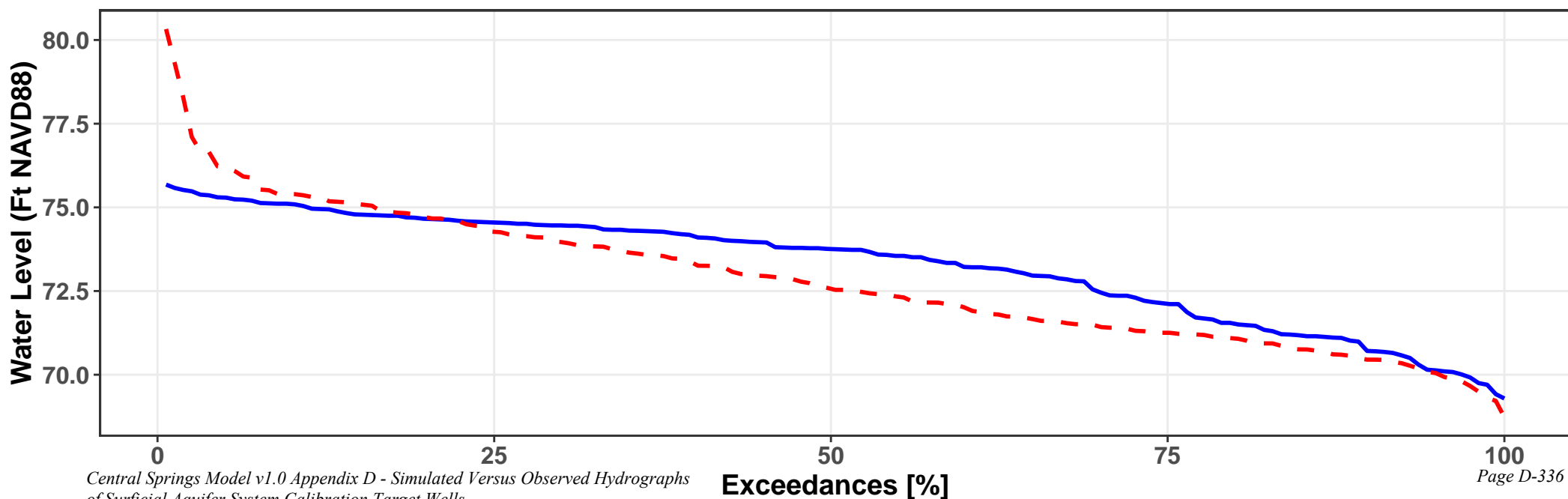
# SID20423 @ Cross Bar 1S Pasco Trails Surf Aq (CB-1S)

ME = -0.4 MAE = 0.9  $R^2 = 0.6989$  NSE = 0.446

— Observed — Simulated



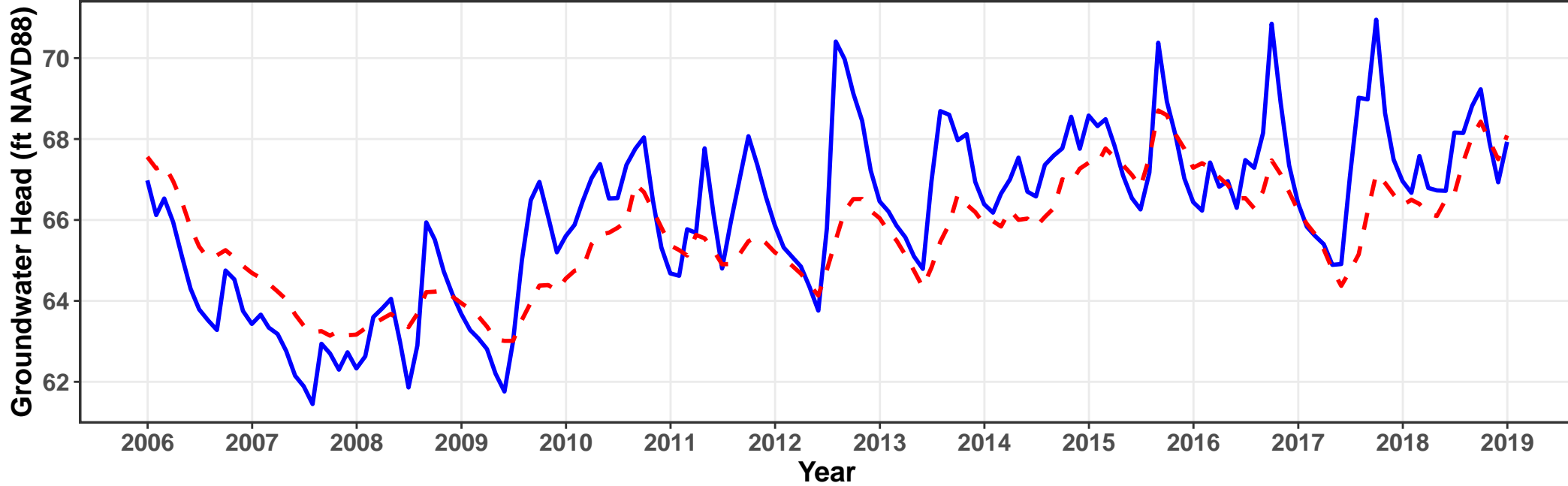
## Stage Duration Curve



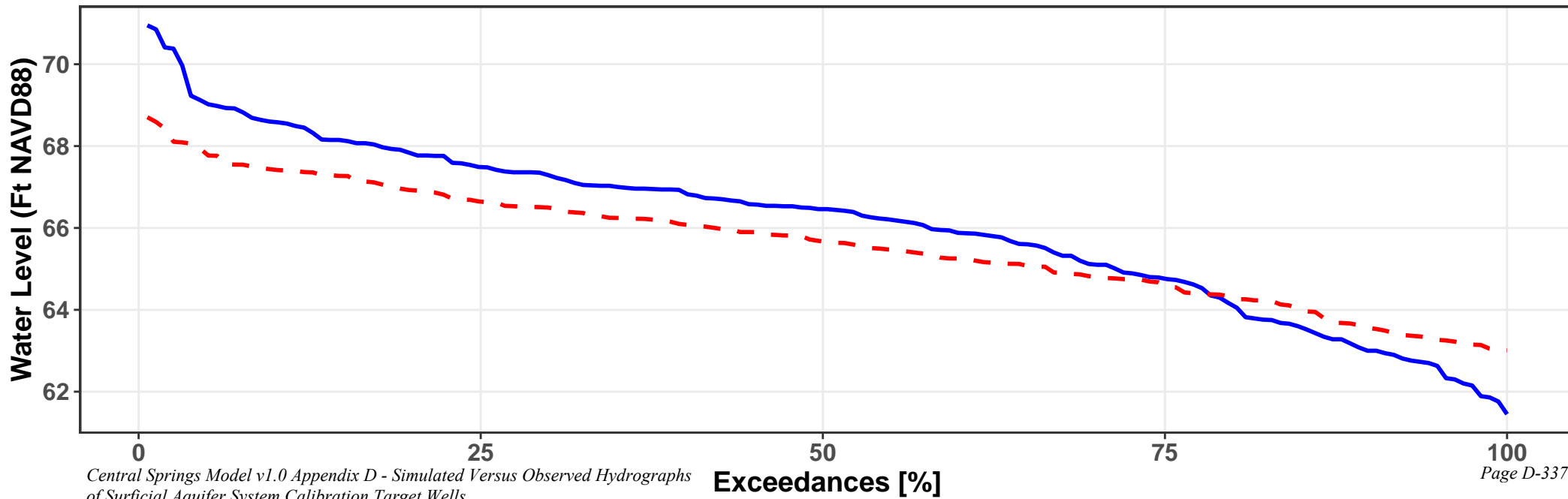
# SID20428 @ Cross Bar 2SW CSX Surf Aq (CB-2SW)

ME = -0.5 MAE = 1  $R^2 = 0.6534$  NSE = 0.581

— Observed - - Simulated



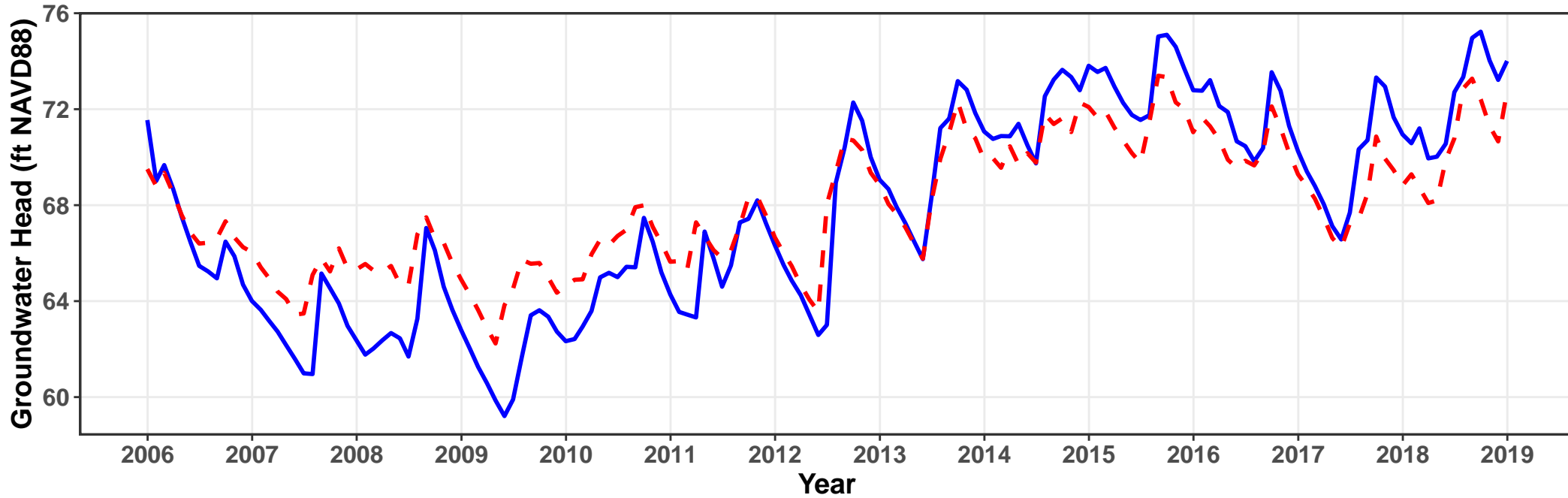
## Stage Duration Curve



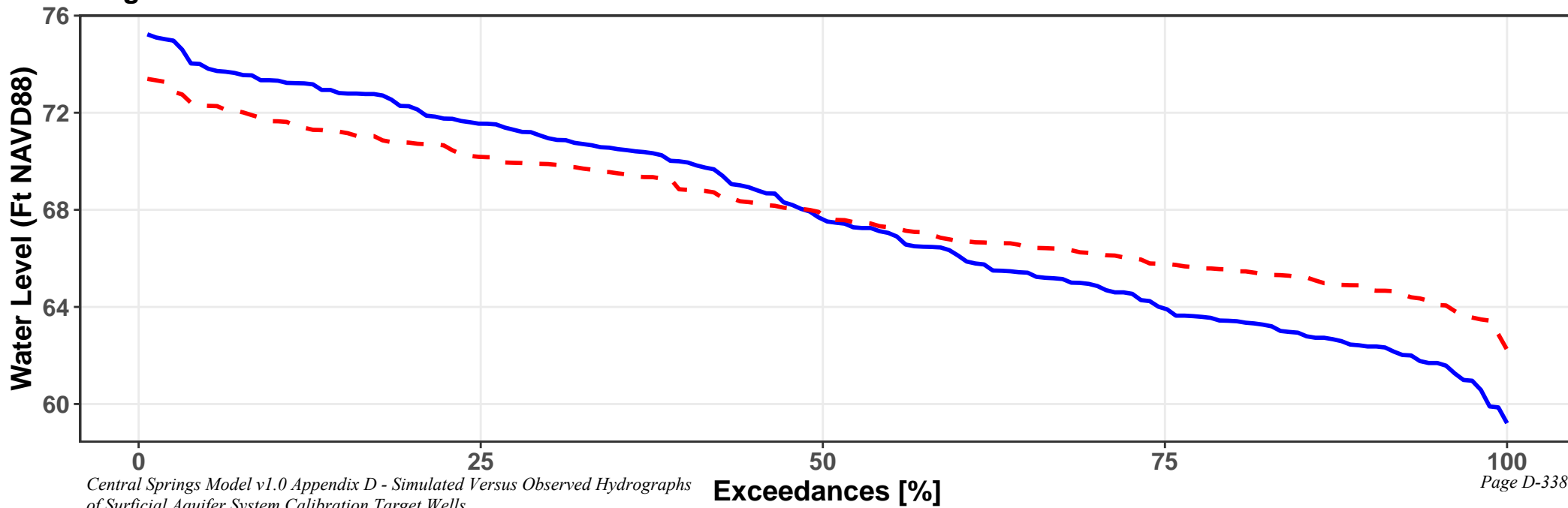
# SID20468 @ Cross Bar 1E Phillips Surf Aq (CB-1E)

ME = 0.2 MAE = 1.5  $R^2 = 0.9281$  NSE = 0.814

— Observed - - Simulated



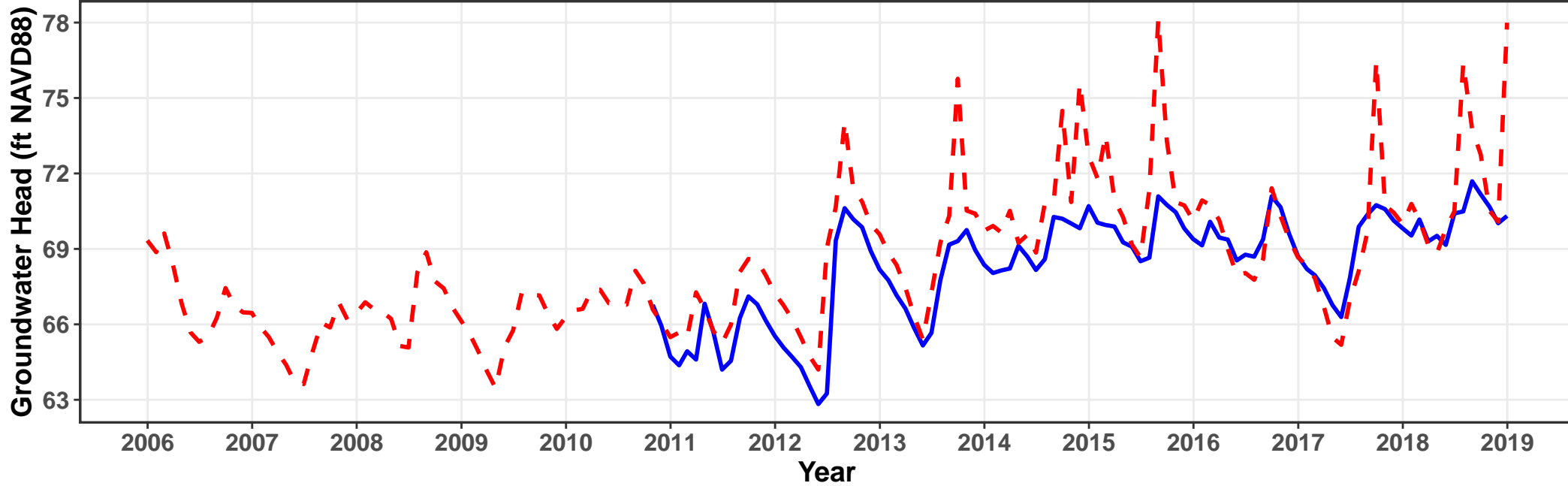
## Stage Duration Curve



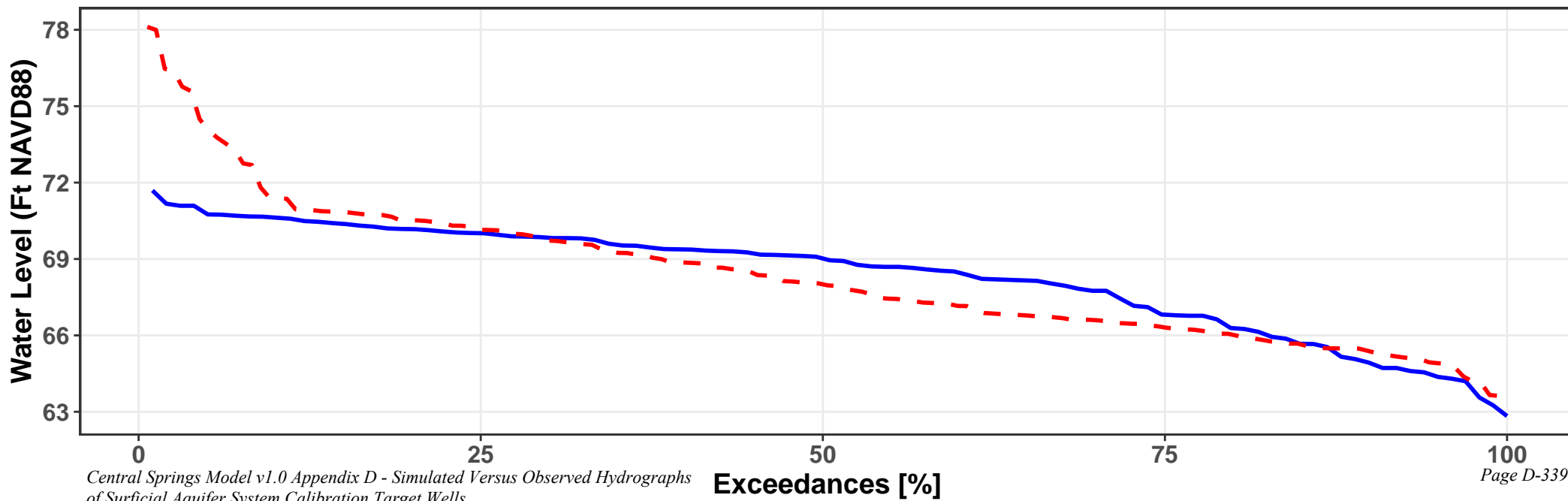
# SID20484 @ Cross Bar 1SW Southwest Surf Aq (CB-1SW)

ME = 1.2 MAE = 1.4  $R^2 = 0.6176$  NSE = -0.036

— Observed — Simulated



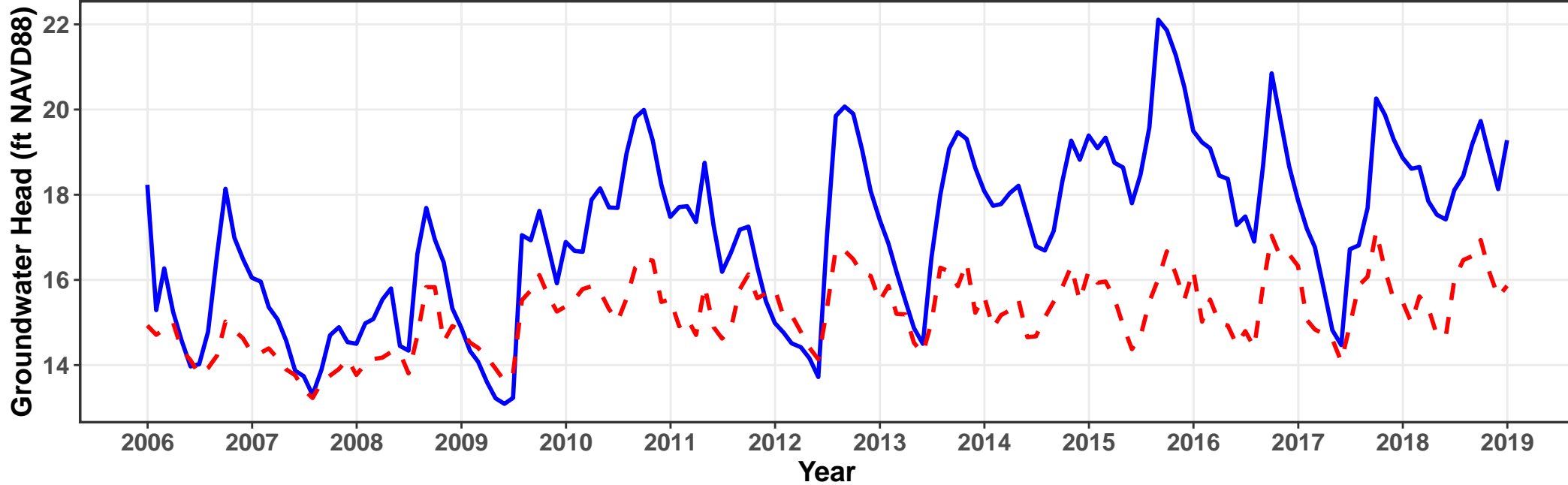
## Stage Duration Curve



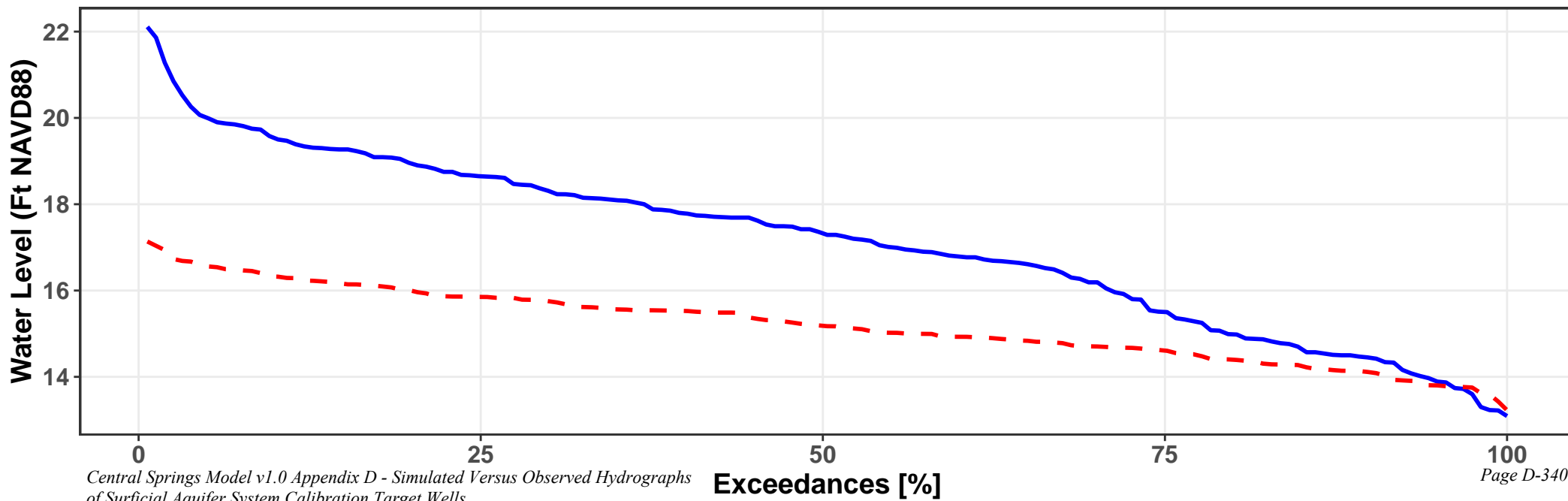
# SID20793 @ ROMP TR 16-4 Surf Aq Monitor

ME = -1.9 MAE = 2  $R^2 = 0.6636$  NSE = -0.435

— Observed - - Simulated



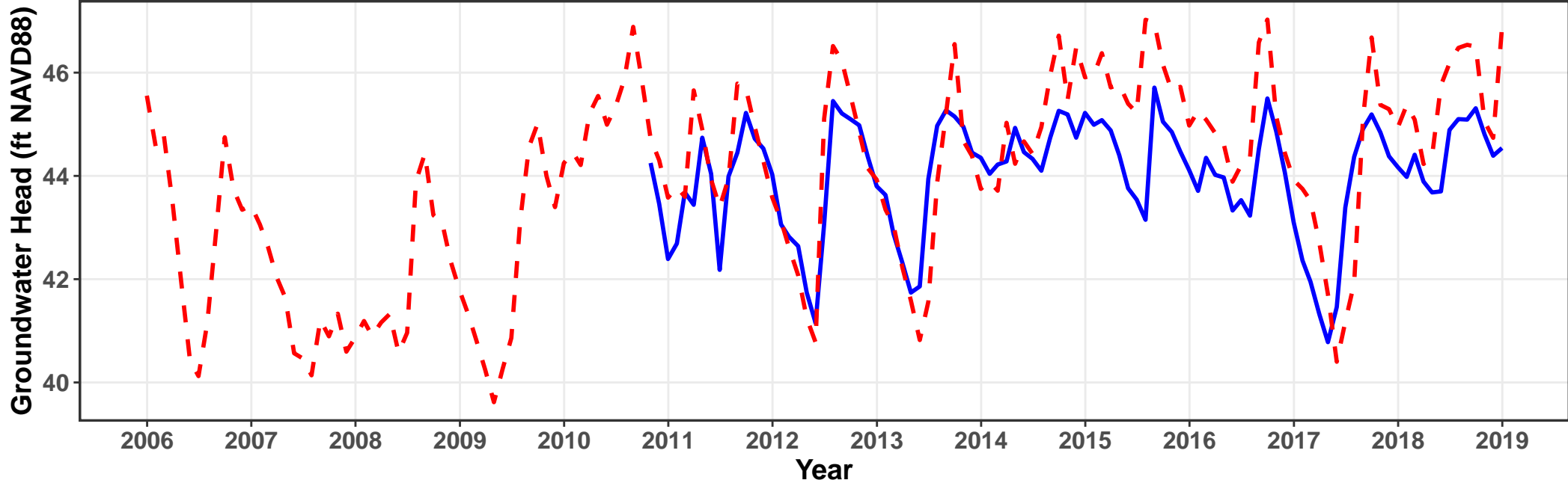
## Stage Duration Curve



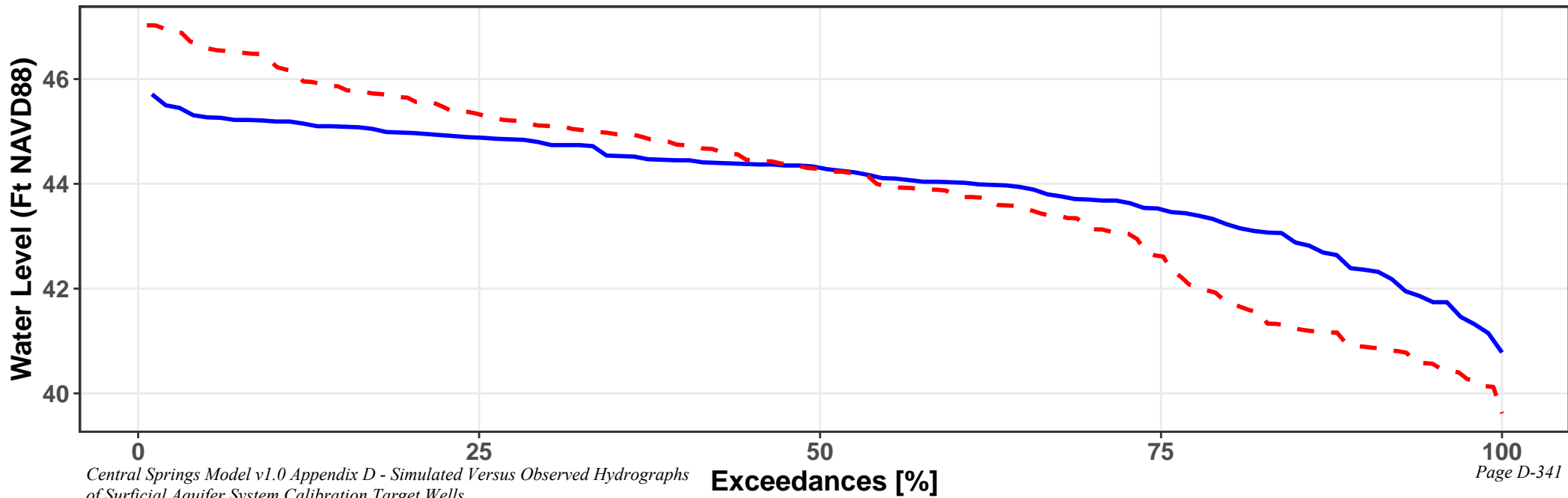
# SID20800 @ North Pasco 3 Wetland Surf

ME = 0.6 MAE = 0.9  $R^2 = 0.6004$  NSE = -0.09

— Observed — Simulated



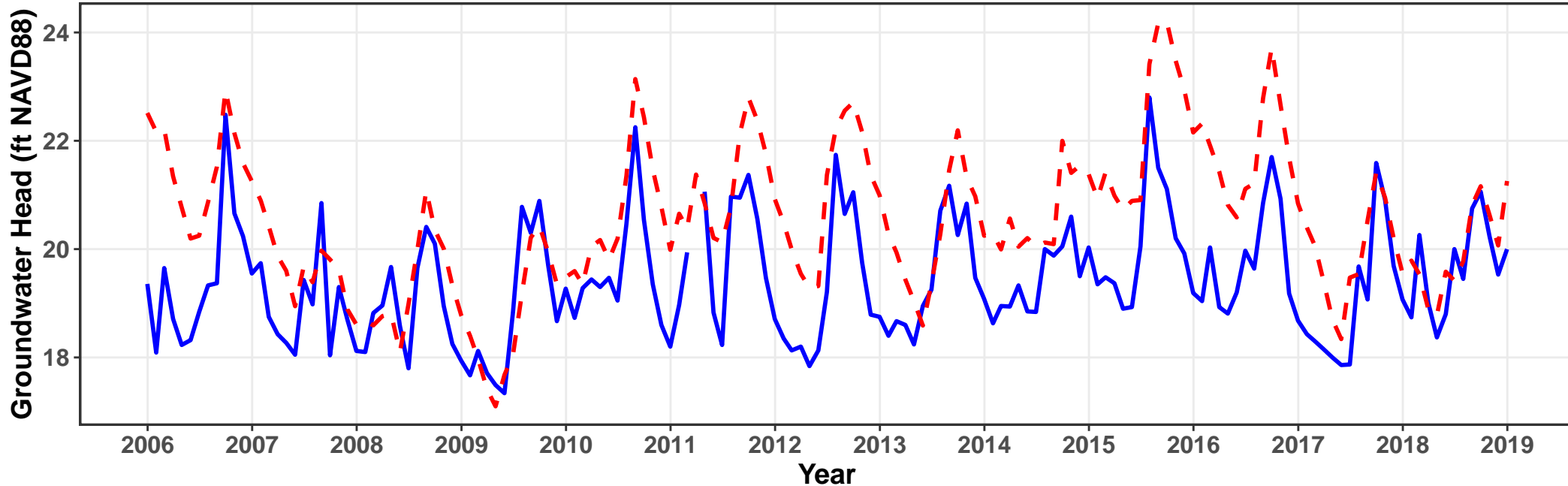
## Stage Duration Curve



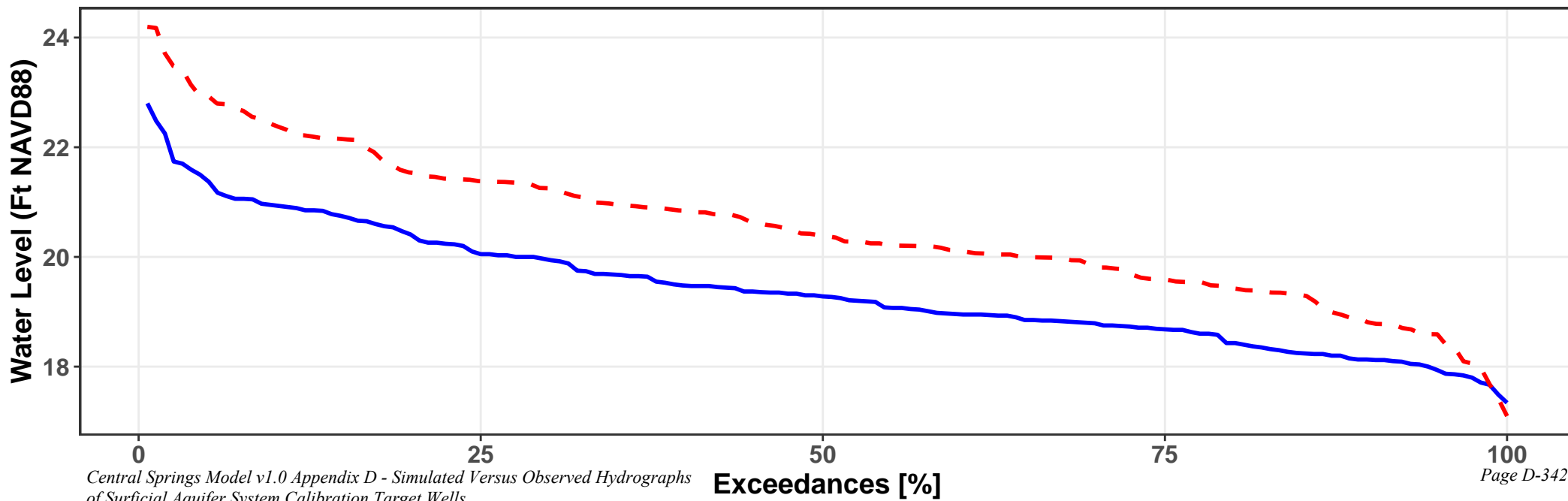
# SID21080 @ Highland Lakes Golf Course Surf

ME = 1.1 MAE = 1.2  $R^2 = 0.4785$  NSE = -0.908

— Observed - - Simulated

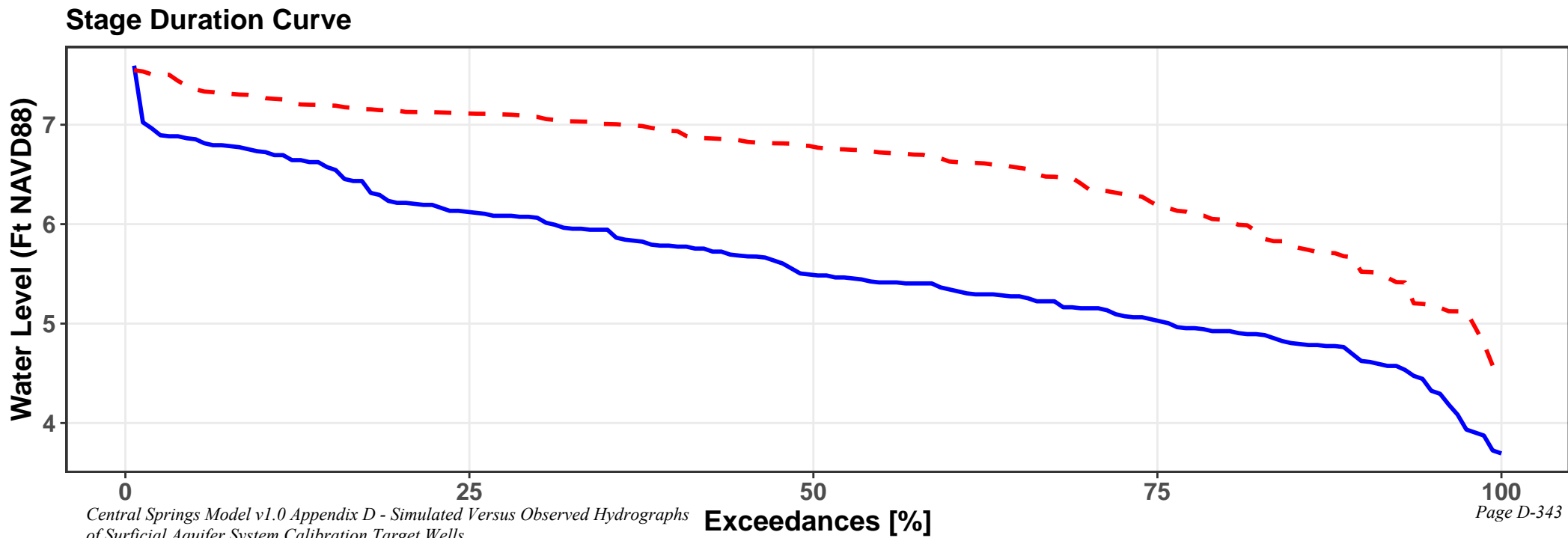
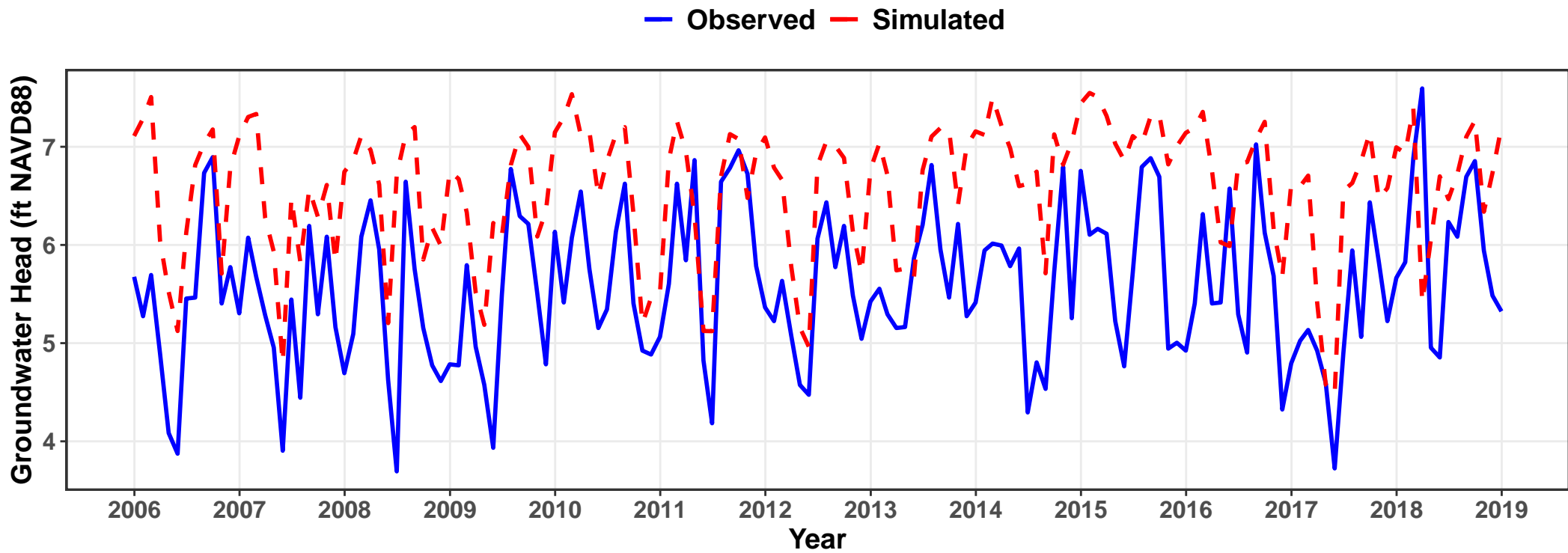


## Stage Duration Curve



# SID21088 @ East Lake Woodlands Surf

ME = 1 MAE = 1.1  $R^2 = 0.3332$  NSE = -1.455

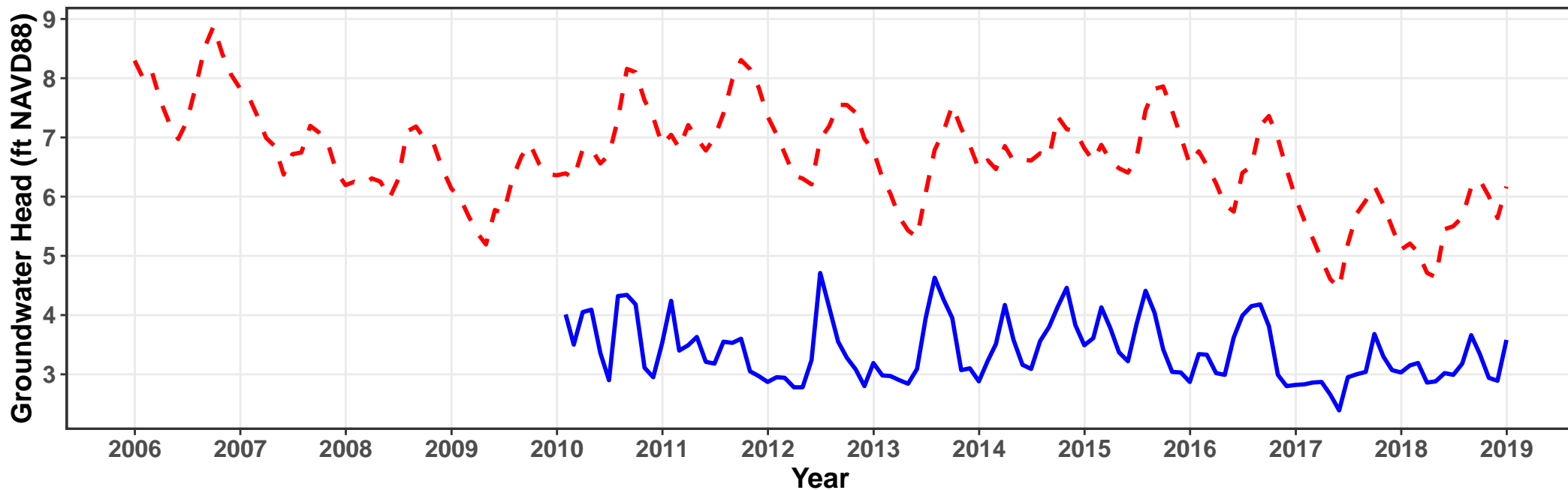




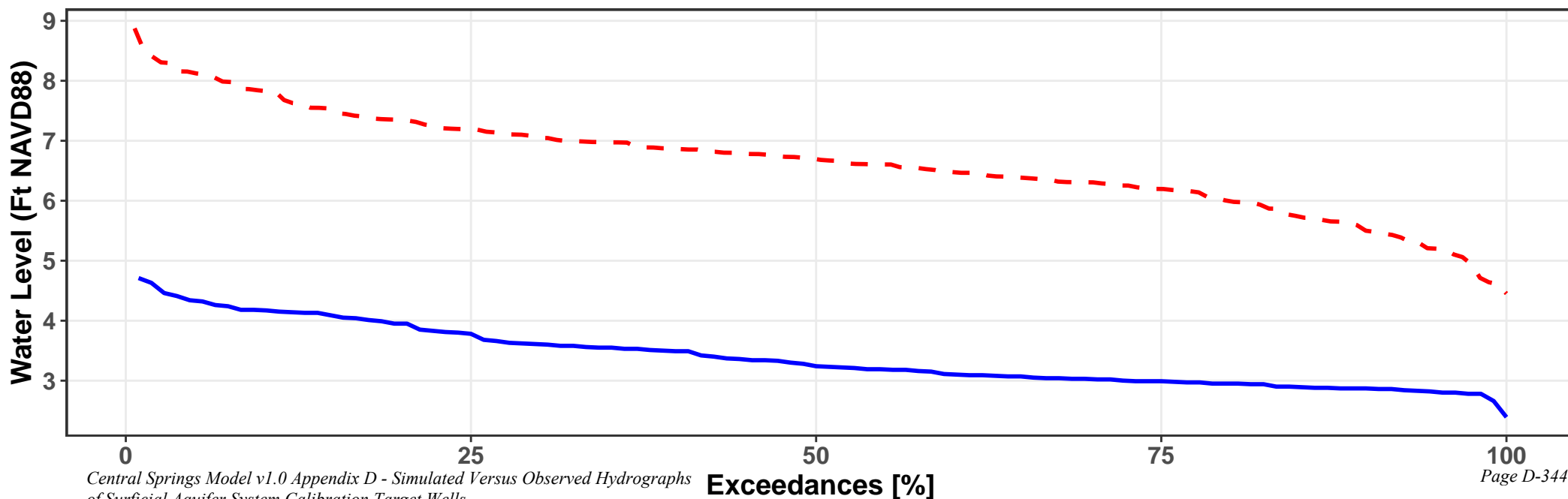
# SID21134 @ ROMP TR 13-1X Surf Aq Monitor

ME = 3.2 MAE = 3.2  $R^2 = 0.2321$  NSE = -40.182

— Observed — Simulated



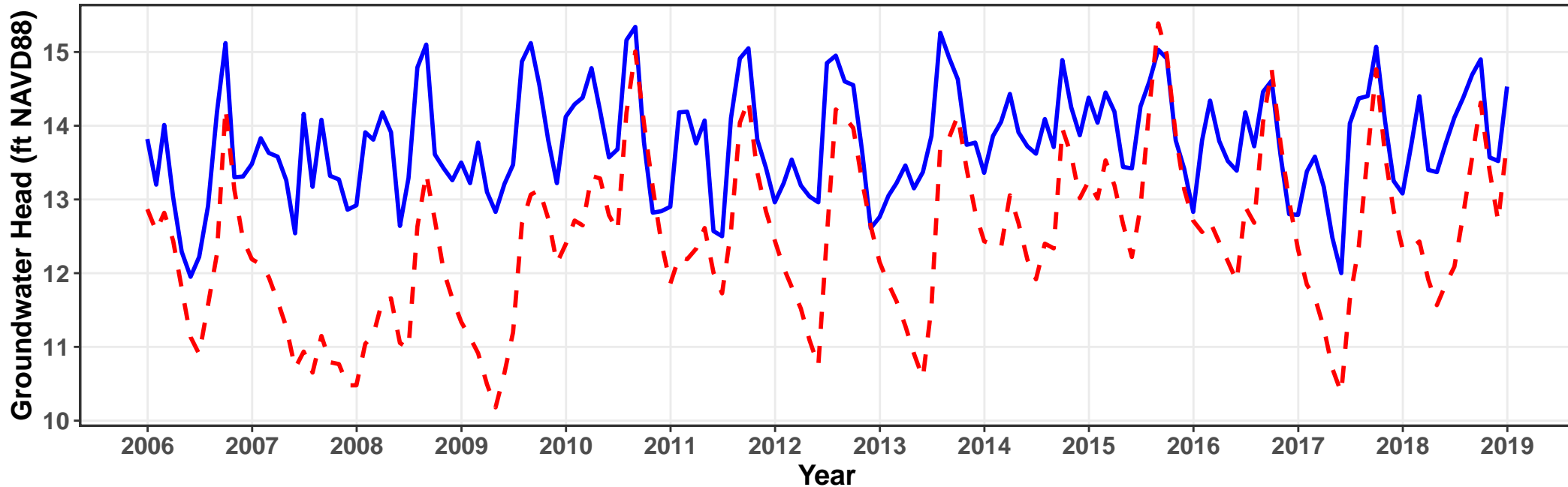
## Stage Duration Curve



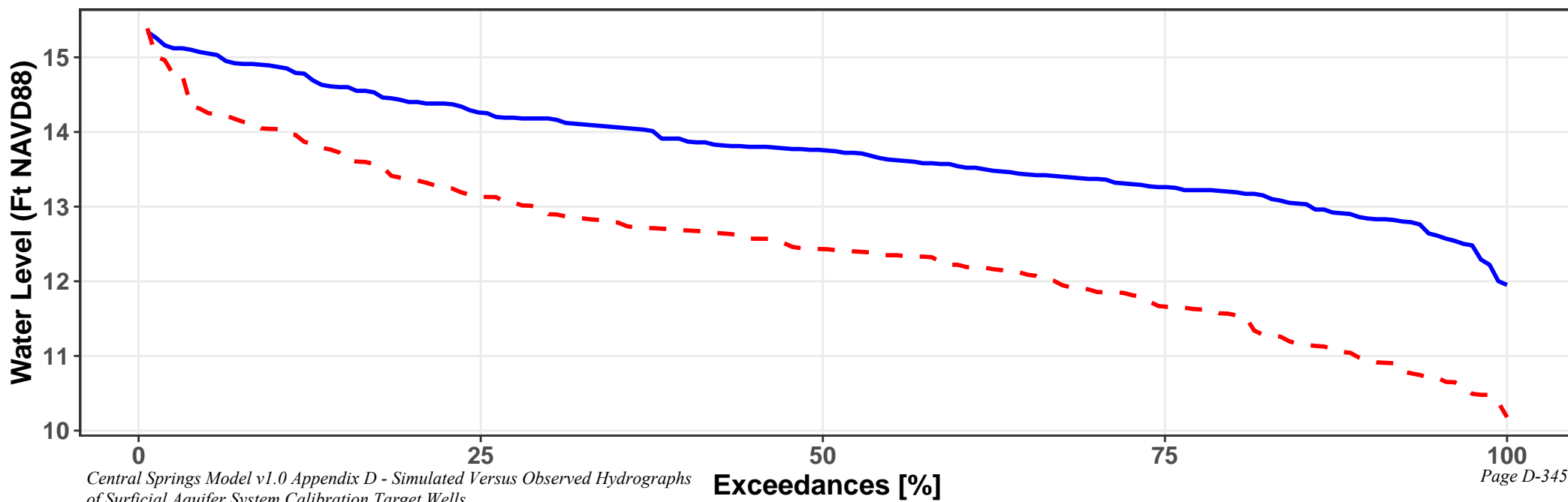
# SID21154 @ Dunn Surf

ME = -1.3 MAE = 1.3  $R^2 = 0.4931$  NSE = -3.446

— Observed - - Simulated



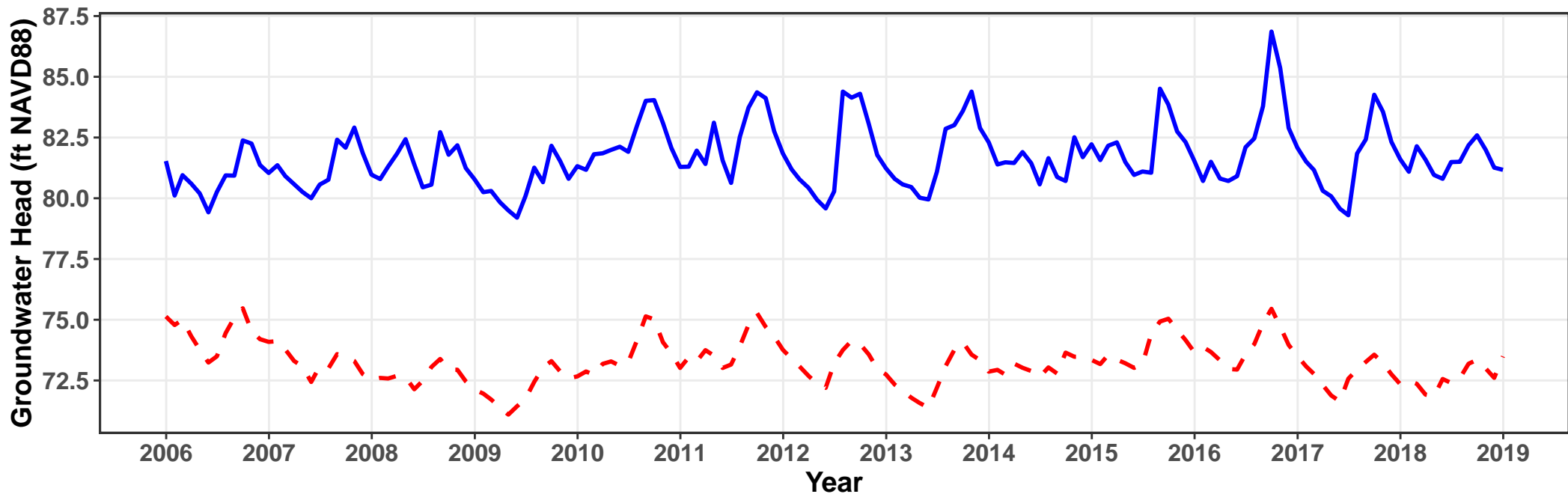
## Stage Duration Curve



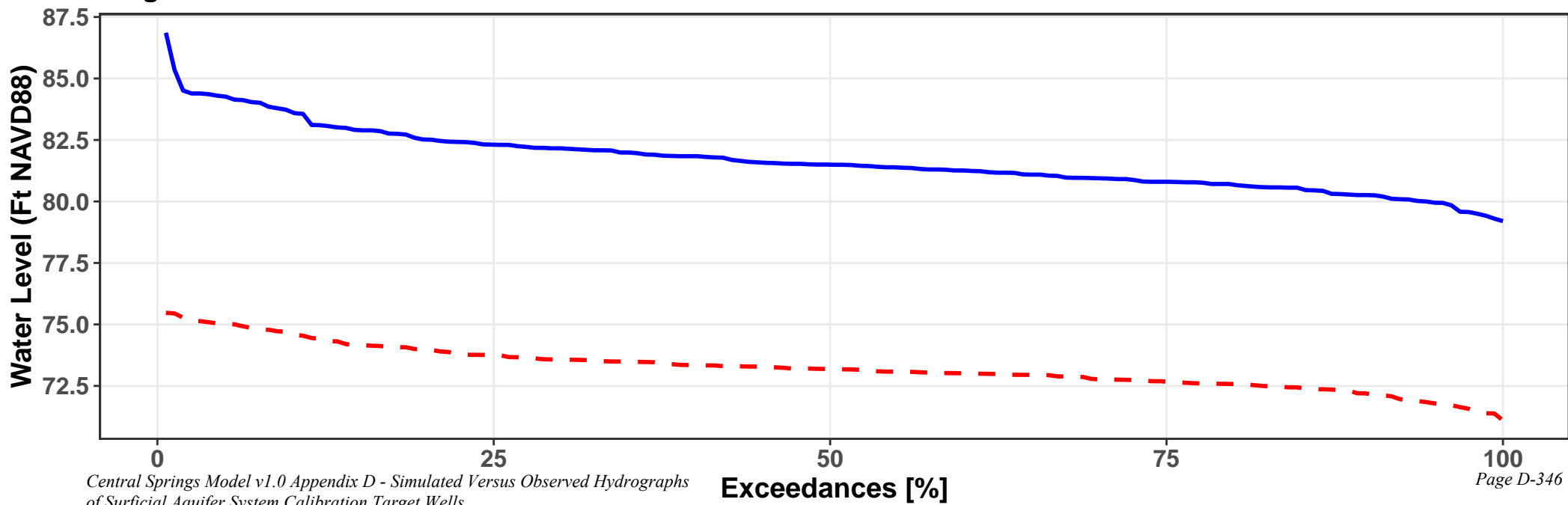
# SID22699 @ Boy Scout (St Pete) Surf

ME = -8.4 MAE = 8.4  $R^2 = 0.3928$  NSE = -43.136

— Observed — Simulated



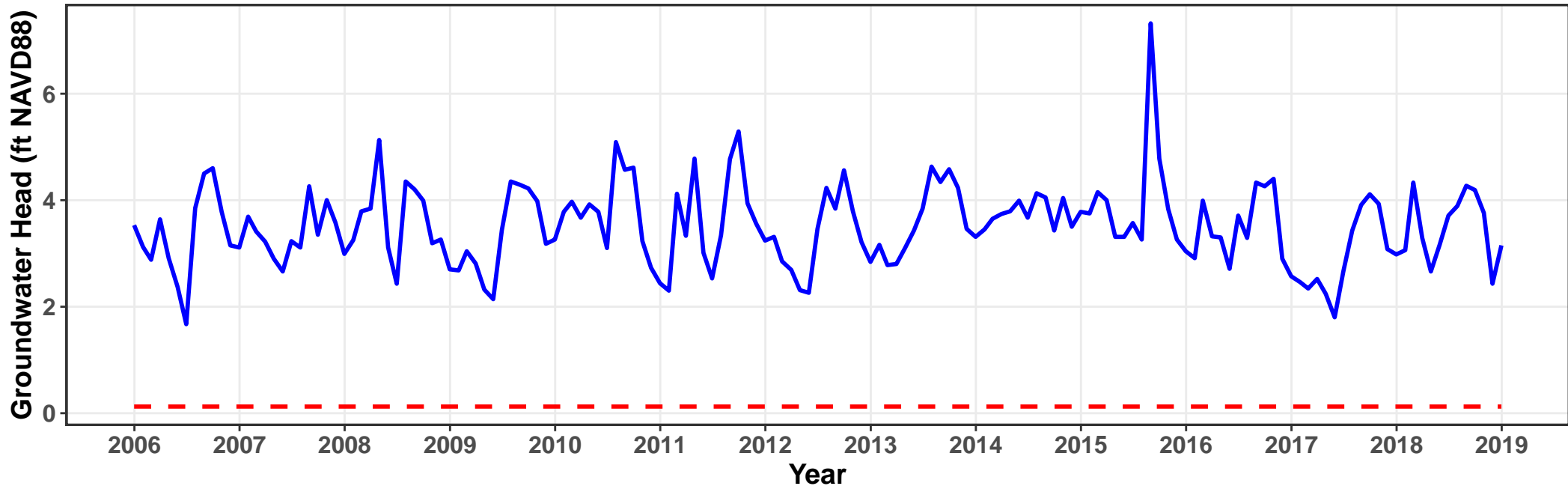
## Stage Duration Curve



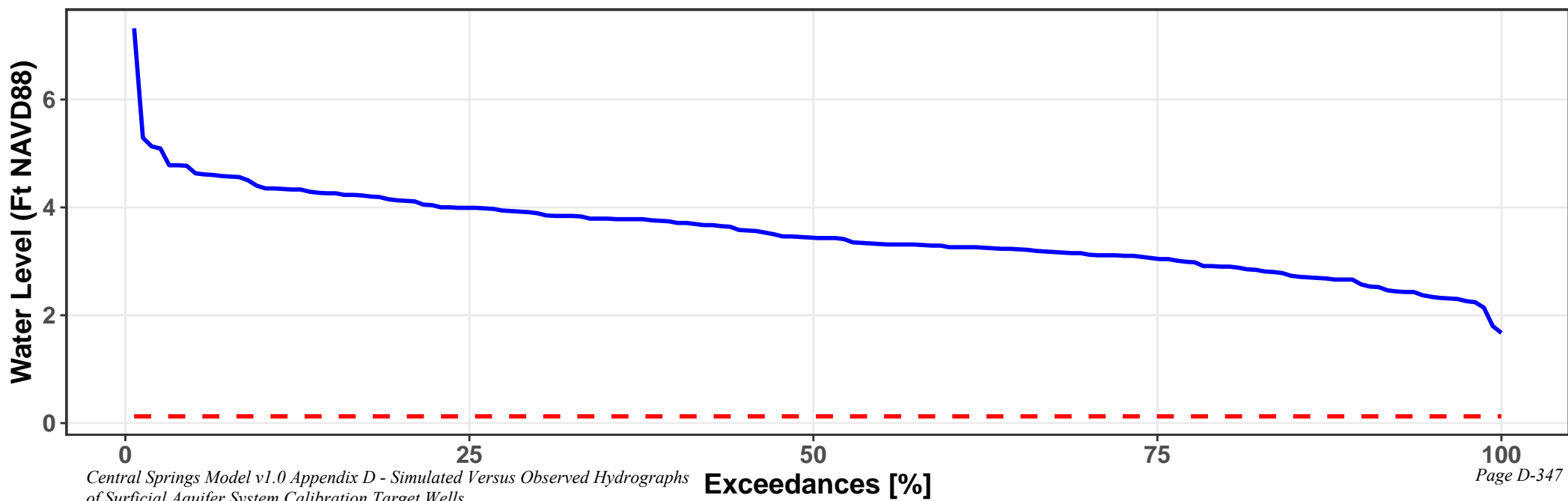
# SID22709 @ Oldsmar Elementary School Surf

ME = -3.4 MAE = 3.4  $R^2 =$  NSE = -19.829

— Observed — Simulated



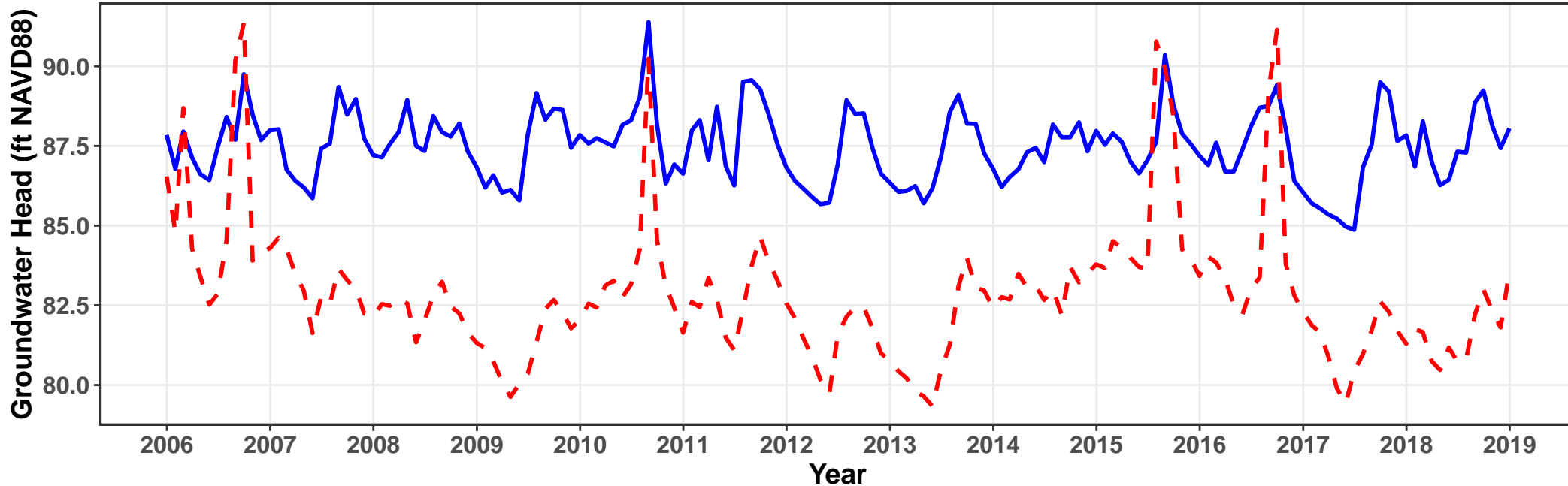
## Stage Duration Curve



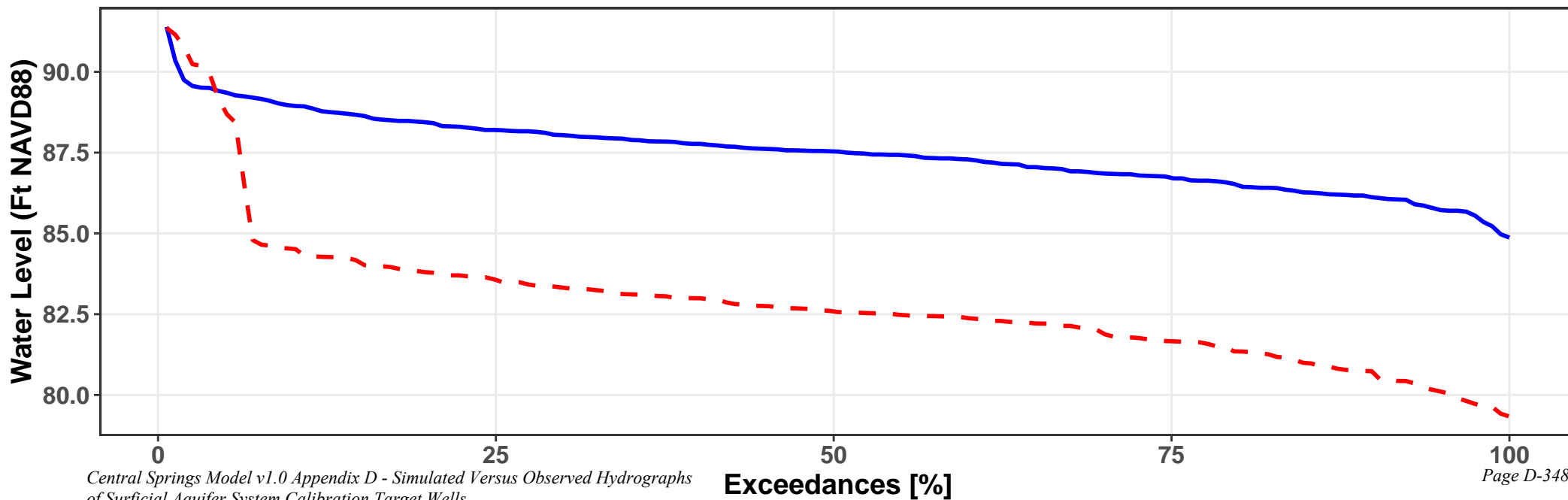
# SID22711 @ Countryside Golf and Country Club Surf

ME = -4.6 MAE = 4.8  $R^2 = 0.3135$  NSE = -19.164

— Observed - - Simulated



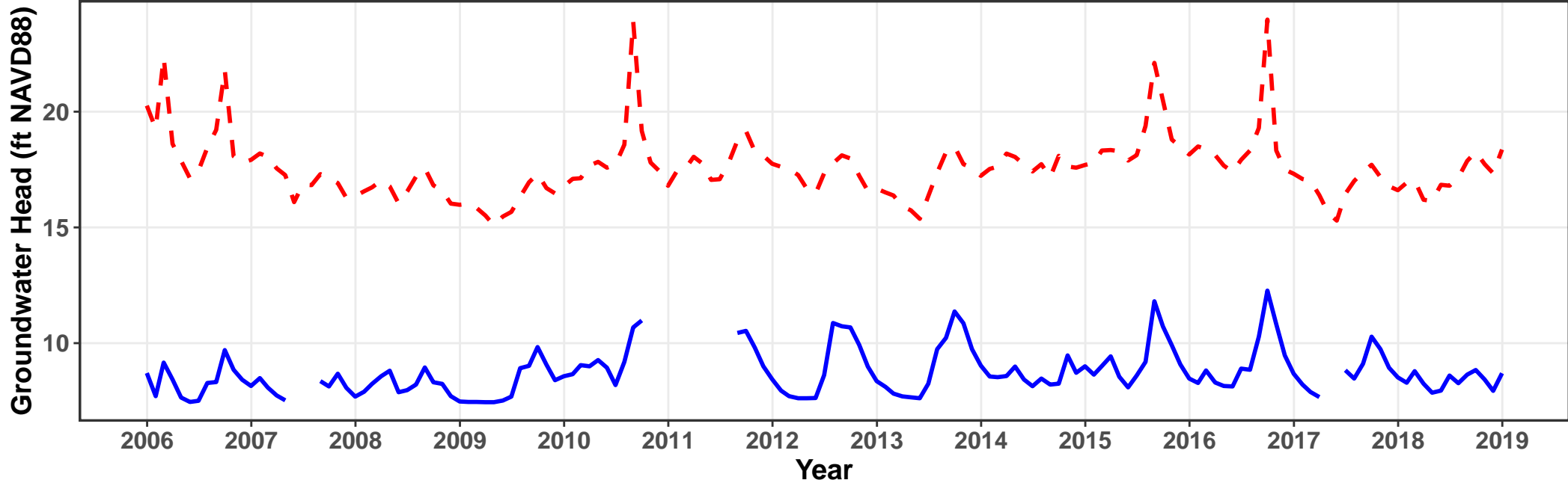
## Stage Duration Curve



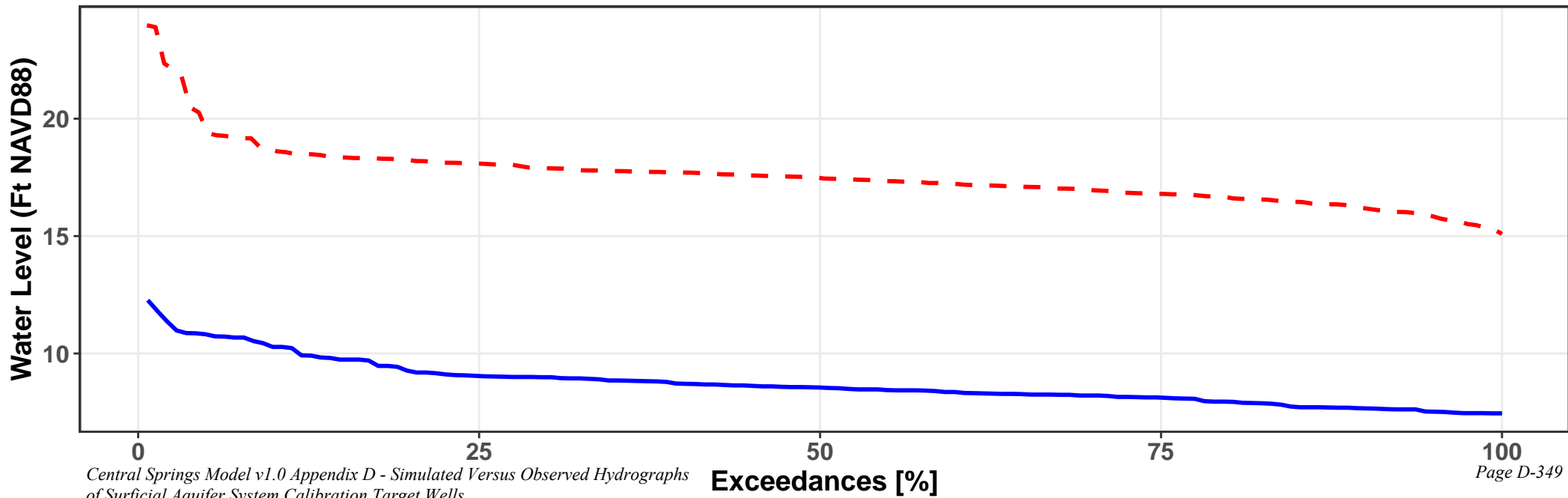
# SID22727 @ ROMP TR 14-1 Surf Aq Monitor

ME = 8.9 MAE = 8.9  $R^2 = 0.4012$  NSE = -84.216

— Observed — Simulated



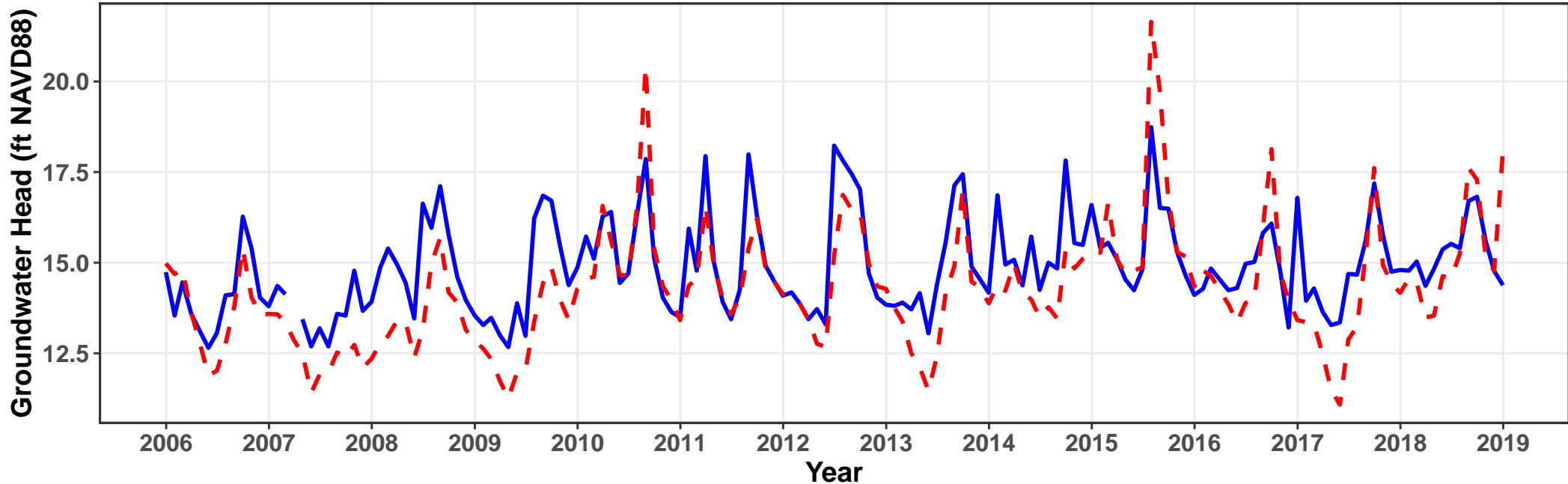
## Stage Duration Curve



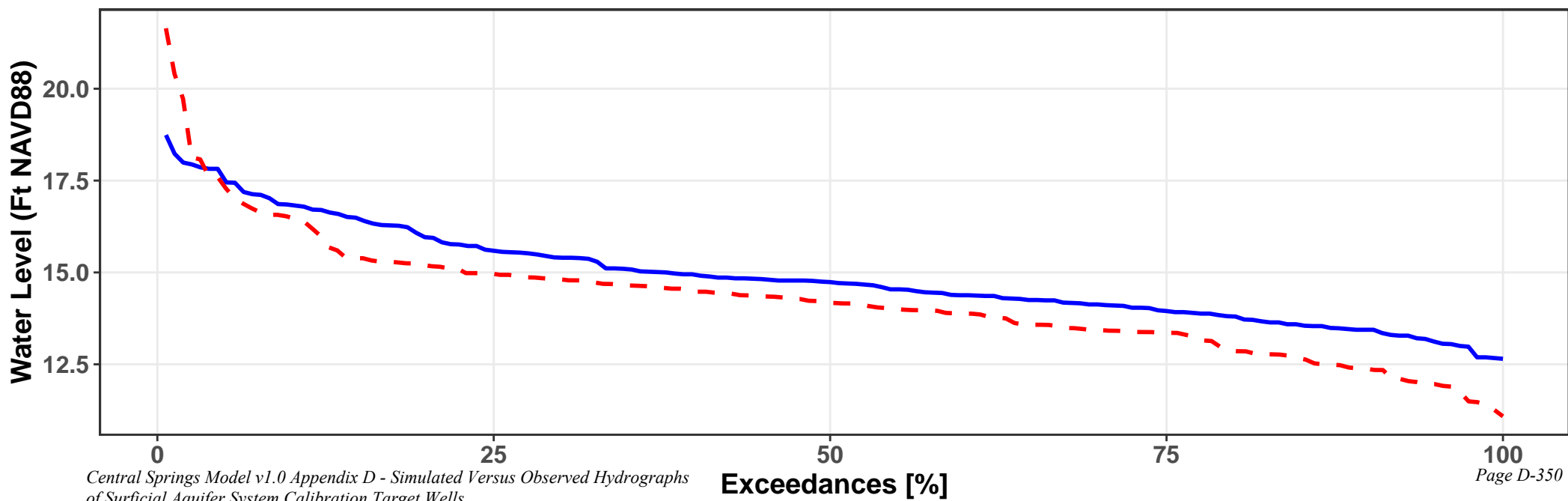
# SID22763 @ Bishop Surf

ME = -0.6 MAE = 0.9  $R^2 = 0.5735$  NSE = 0.08

— Observed — Simulated

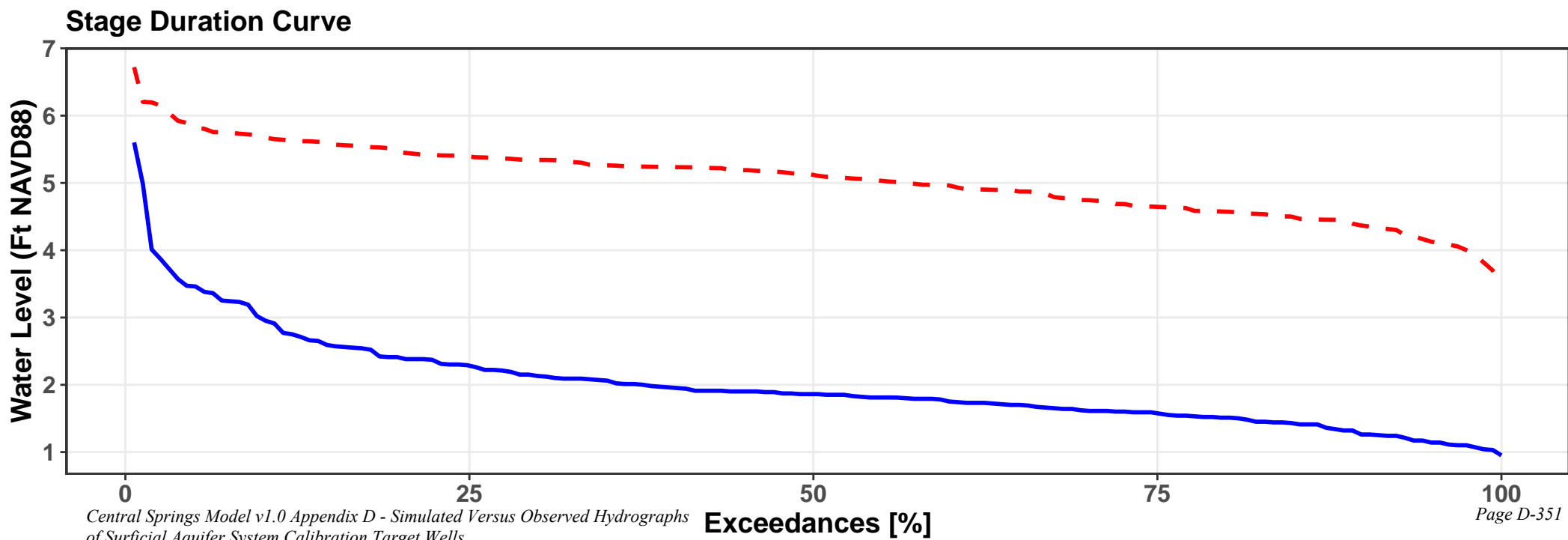
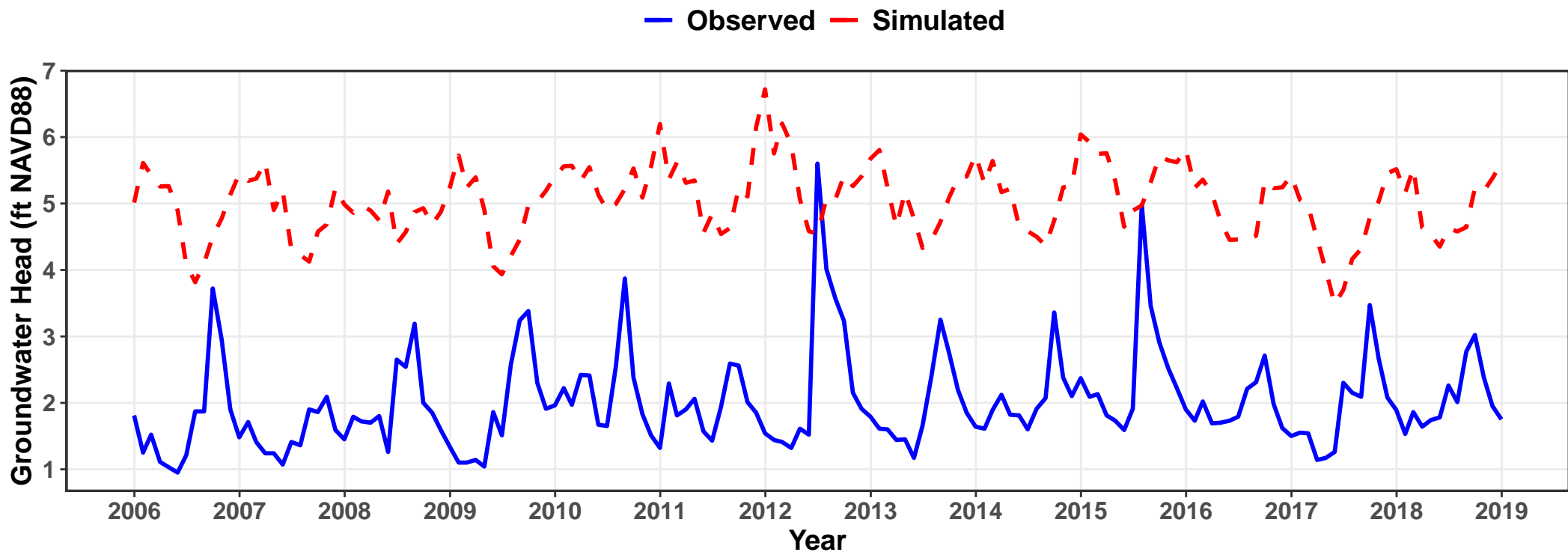


## Stage Duration Curve



# SID22773 @ Johnson Salt Bayou Surf

ME = 3 MAE = 3  $R^2 = 0.0062$  NSE = -18.592

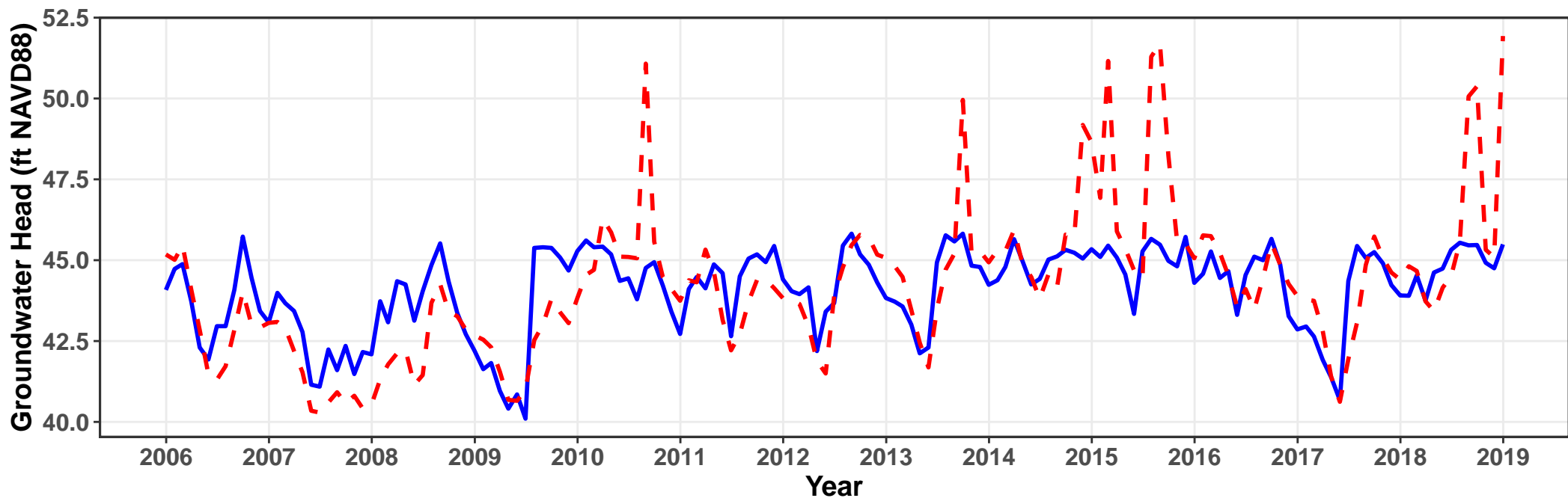




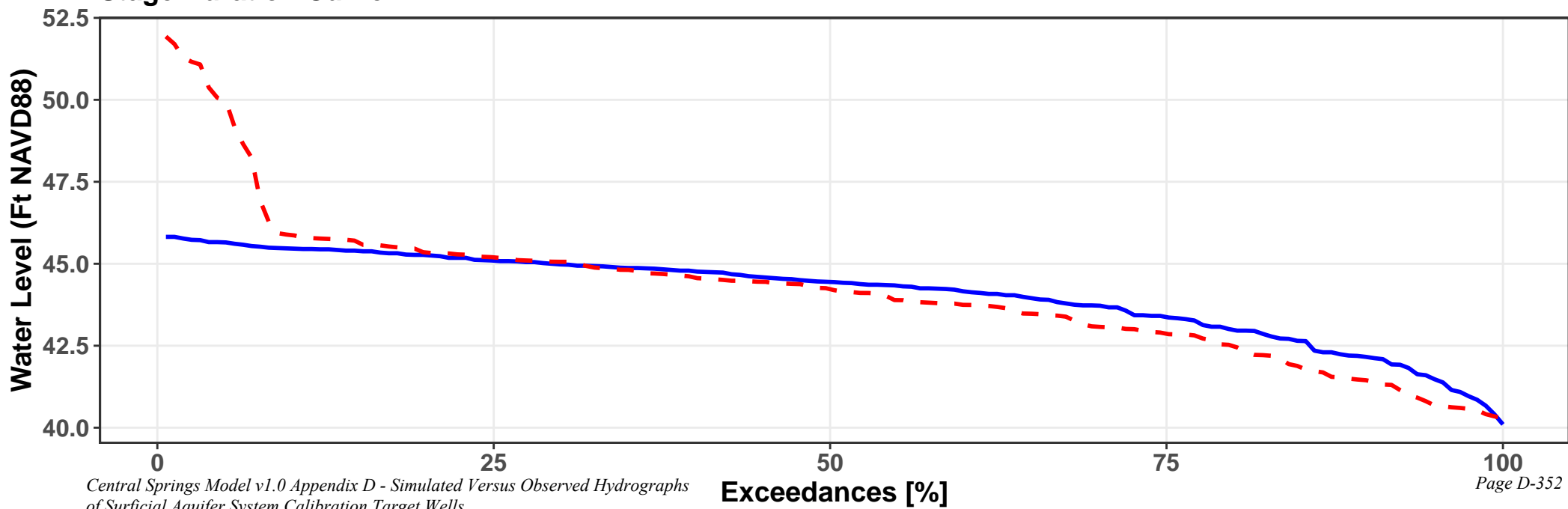
# SID22801 @ Starkey 1B East Surf

ME = 0.1 MAE = 1.1  $R^2 = 0.4658$  NSE = -0.657

— Observed — Simulated



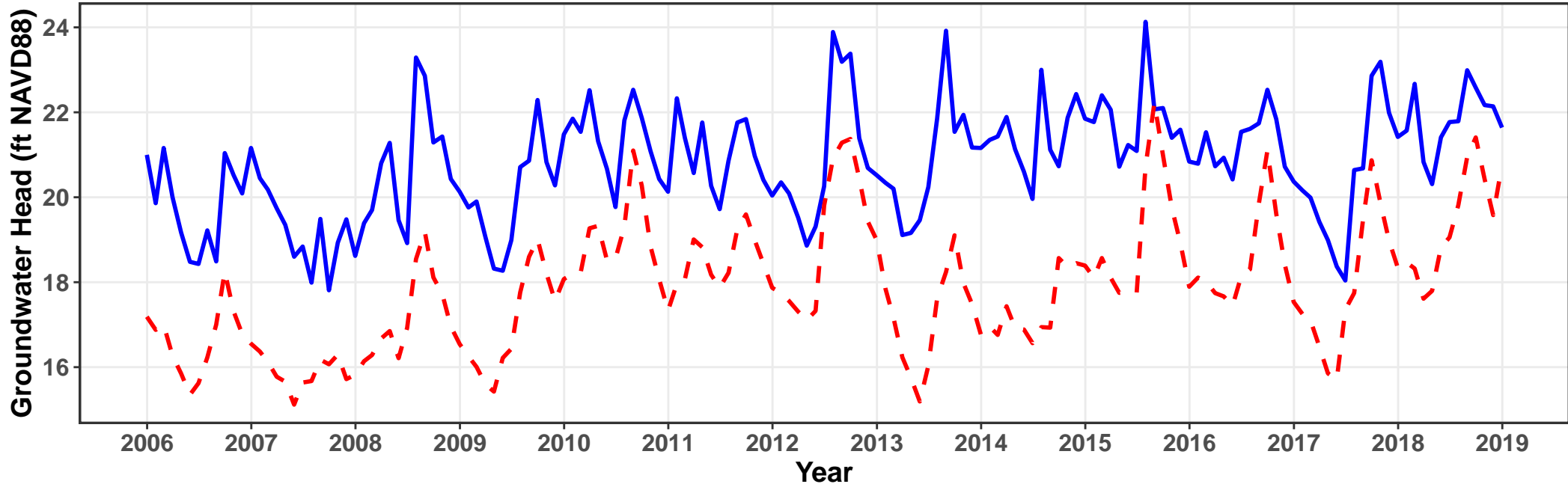
## Stage Duration Curve



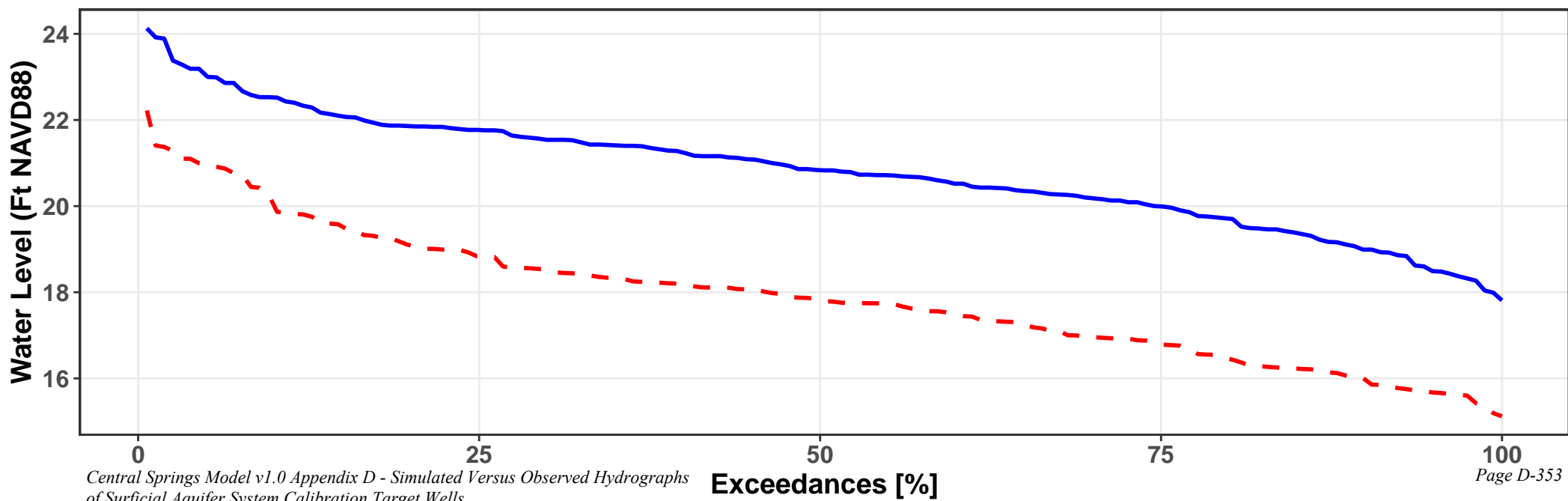
# SID22835 @ Seven Springs Elementary Surf

ME = -2.9 MAE = 2.9  $R^2 = 0.5876$  NSE = -4.489

— Observed — Simulated



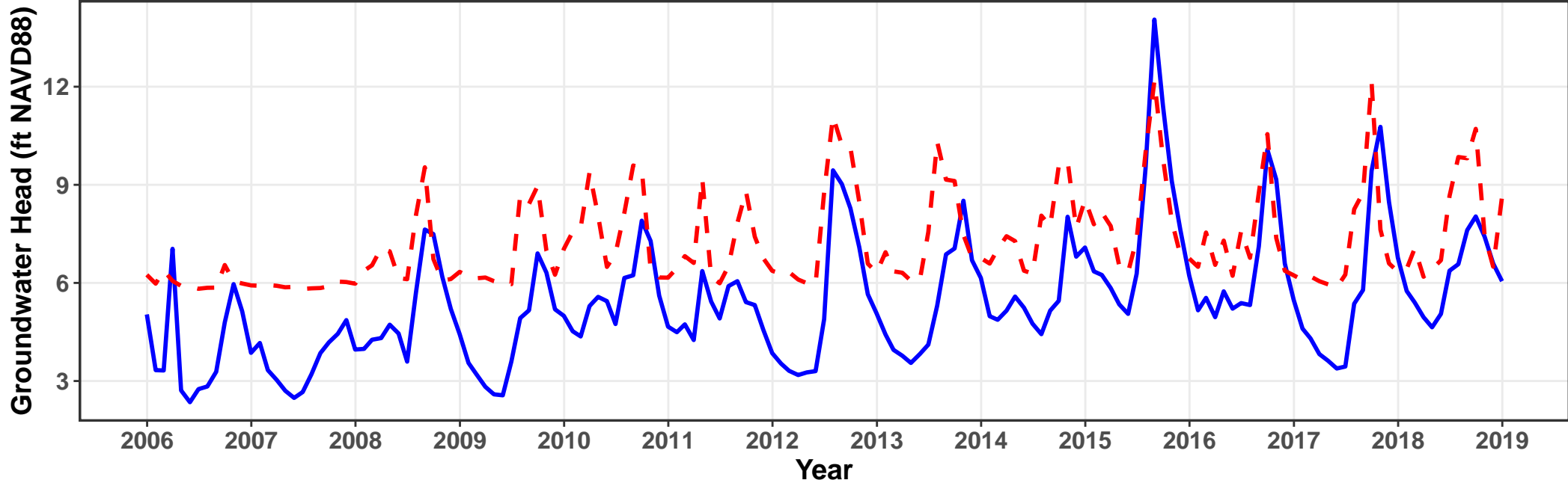
## Stage Duration Curve



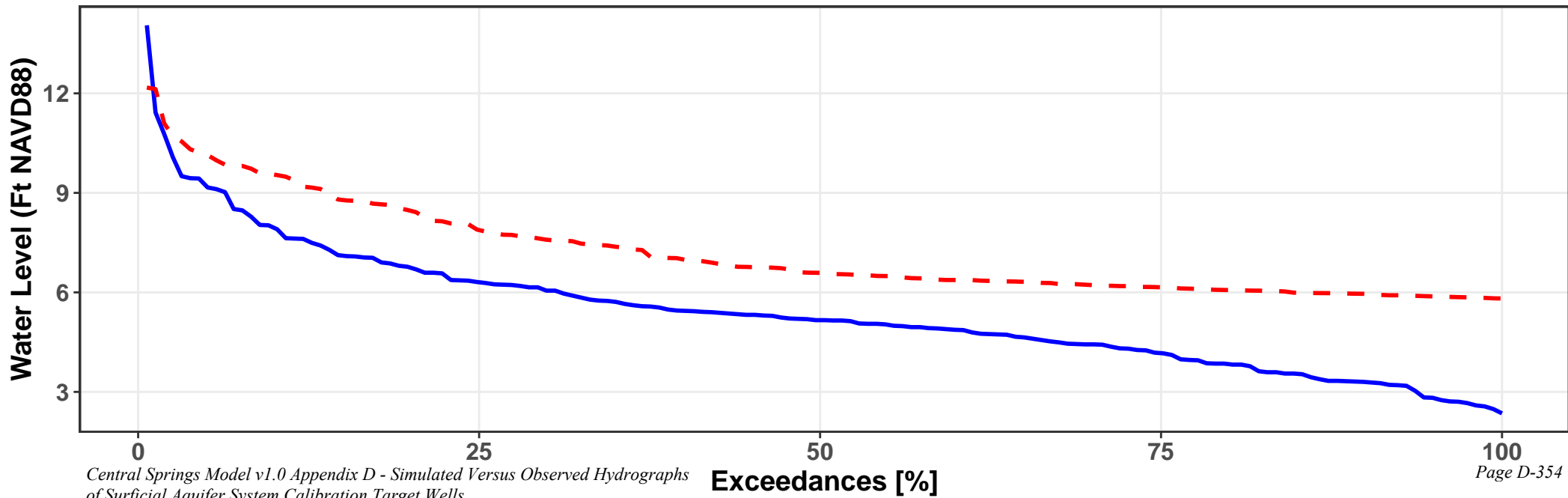
# SID22838 @ Anclole Elementary School Surf

ME = 1.8 MAE = 2  $R^2 = 0.5218$  NSE = -0.37

— Observed - - Simulated



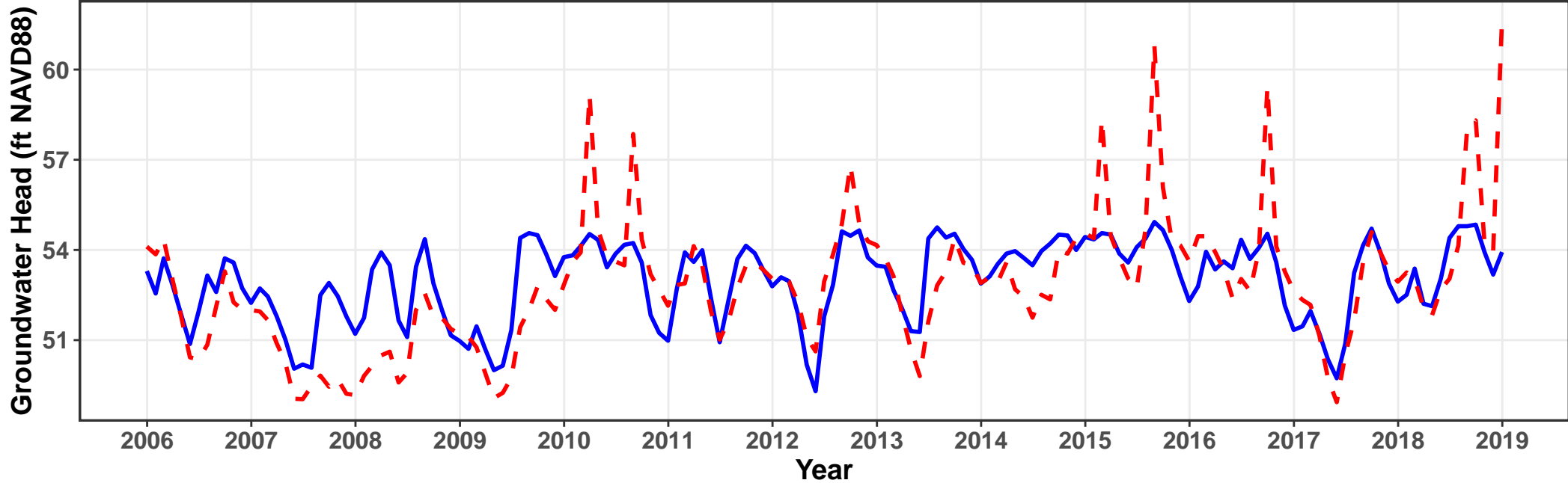
## Stage Duration Curve



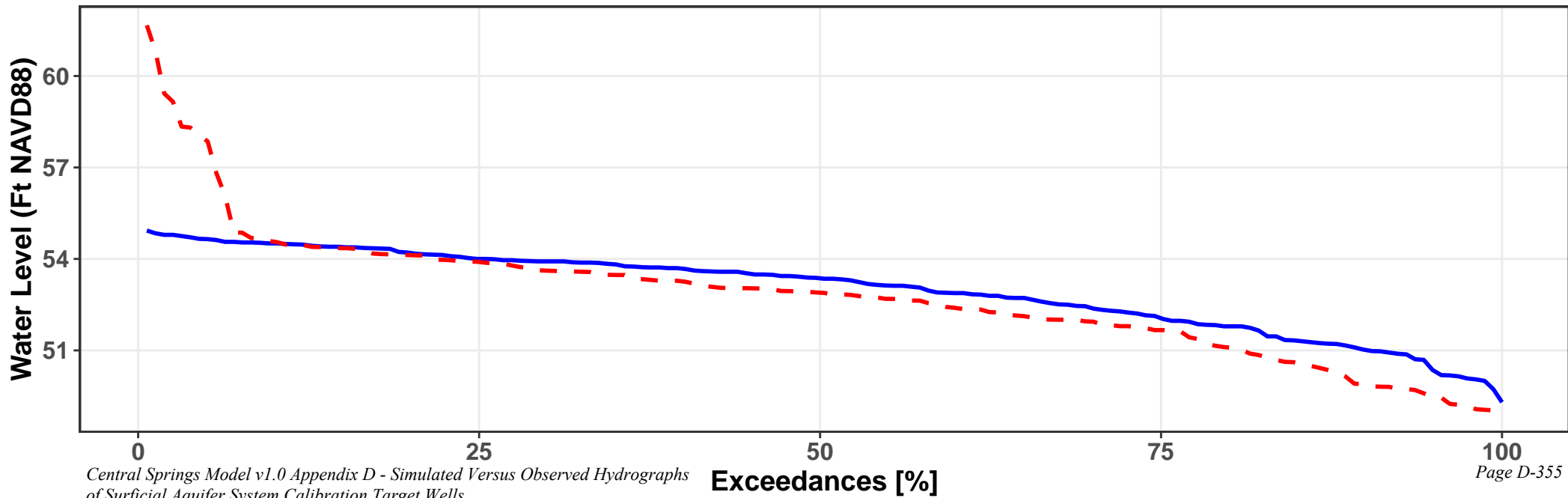
# SID22840 @ South Pasco West Shallow

ME = -0.2 MAE = 1.1  $R^2 = 0.4828$  NSE = -0.437

— Observed - - Simulated



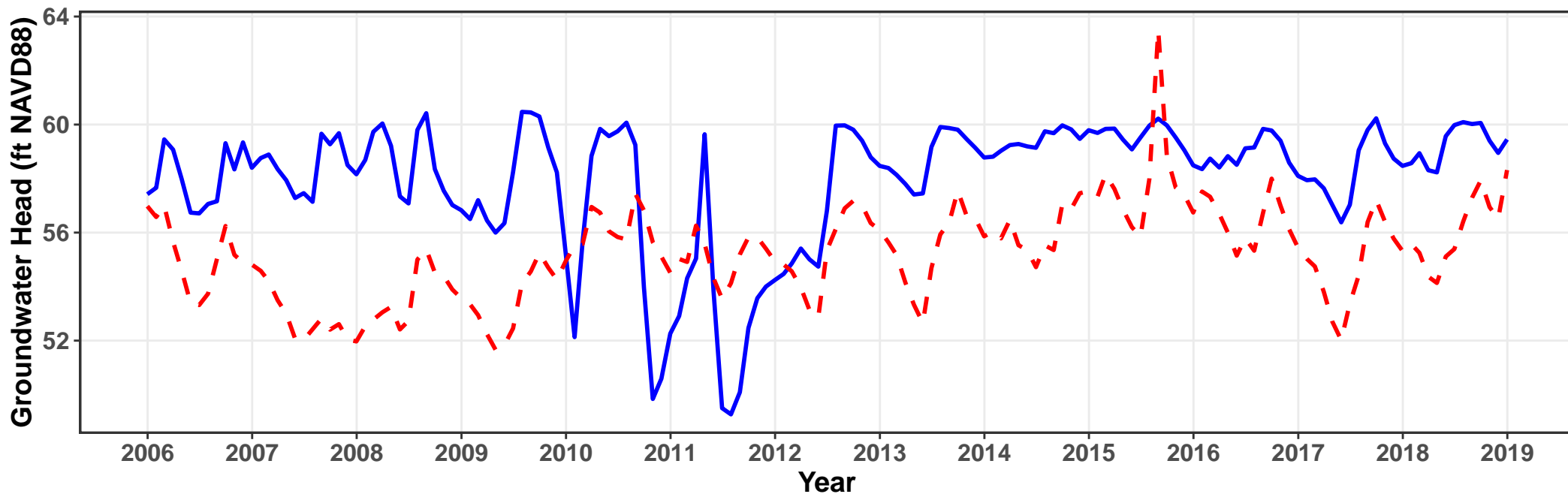
## Stage Duration Curve



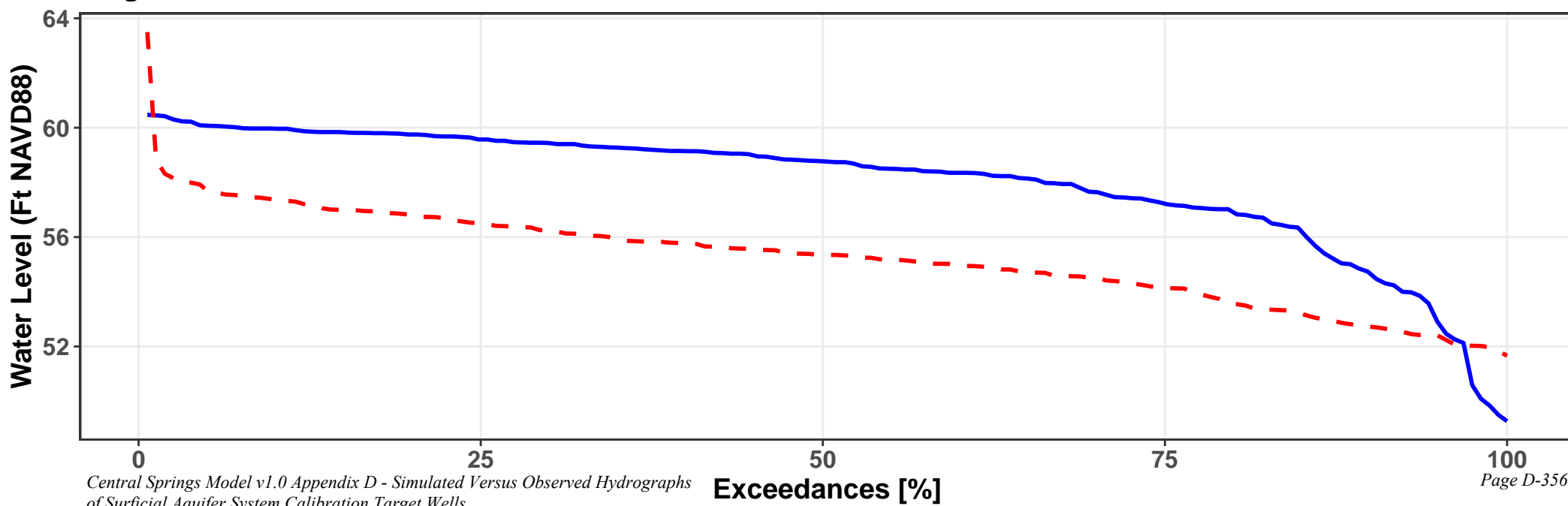
# SID22853 @ Ledantec Surf

ME = -2.7 MAE = 3.3  $R^2 = 0.1023$  NSE = -1.44

— Observed - - Simulated



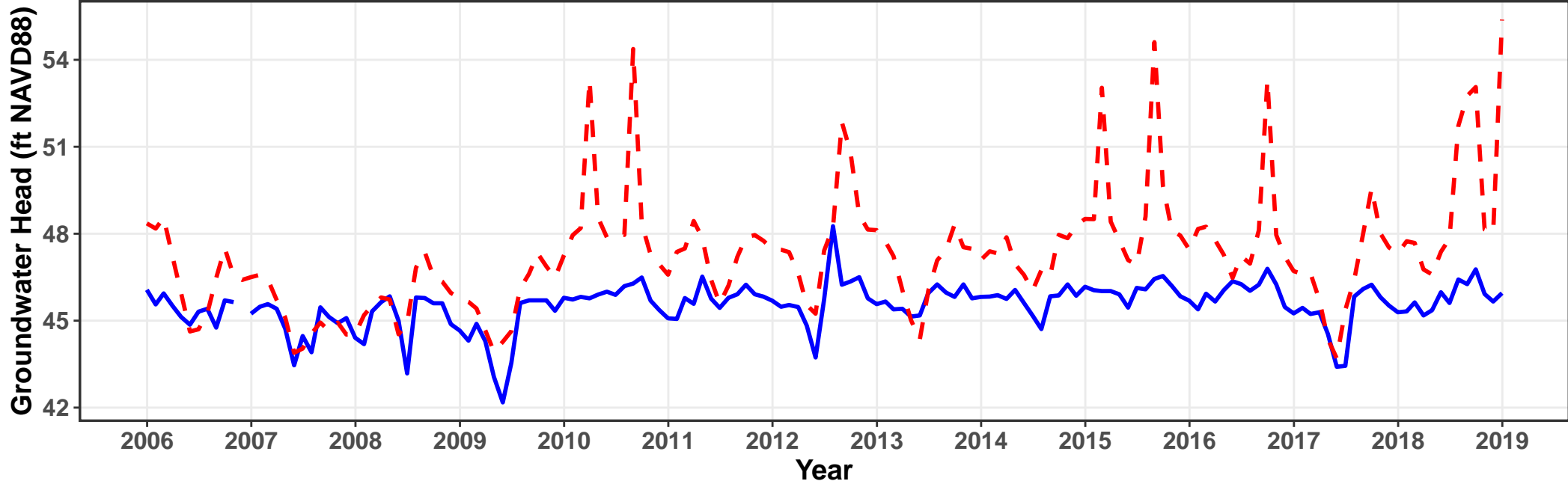
## Stage Duration Curve



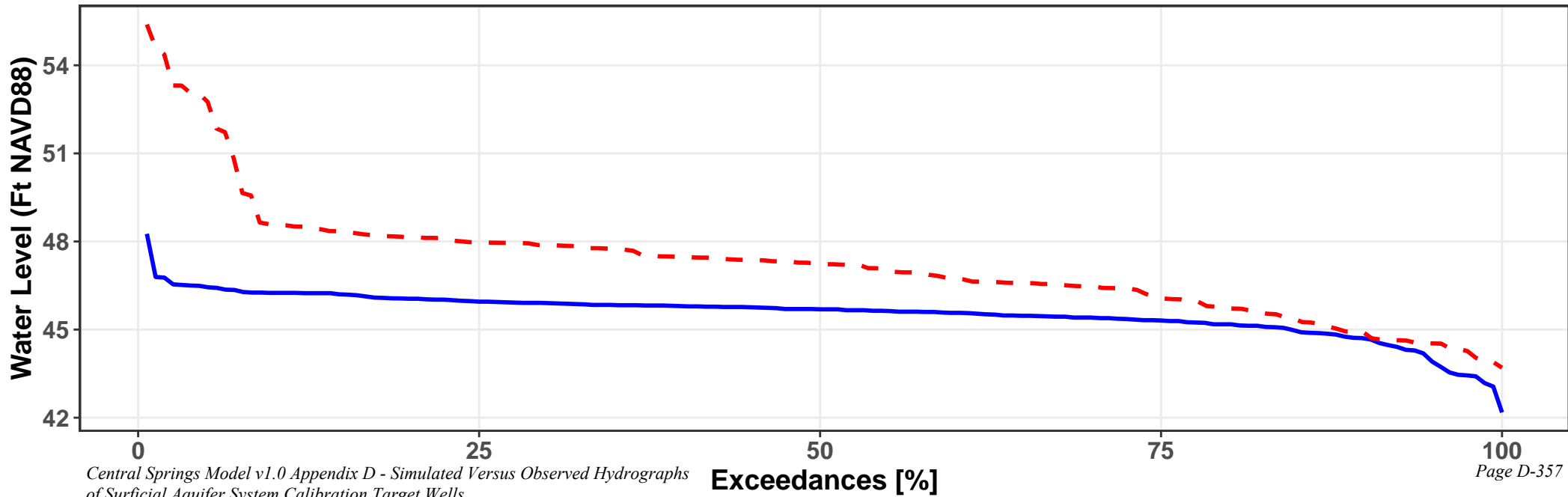
# SID22858 @ Behnke Surf

ME = 1.7 MAE = 1.8  $R^2 = 0.4147$  NSE = -8.721

— Observed — Simulated



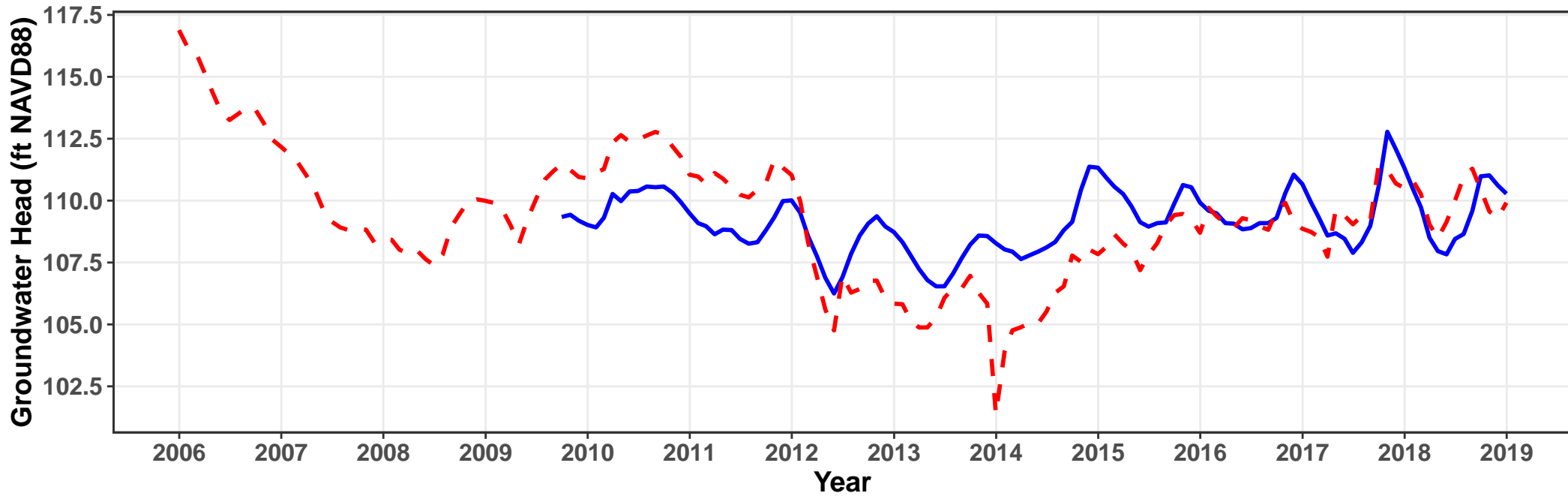
## Stage Duration Curve



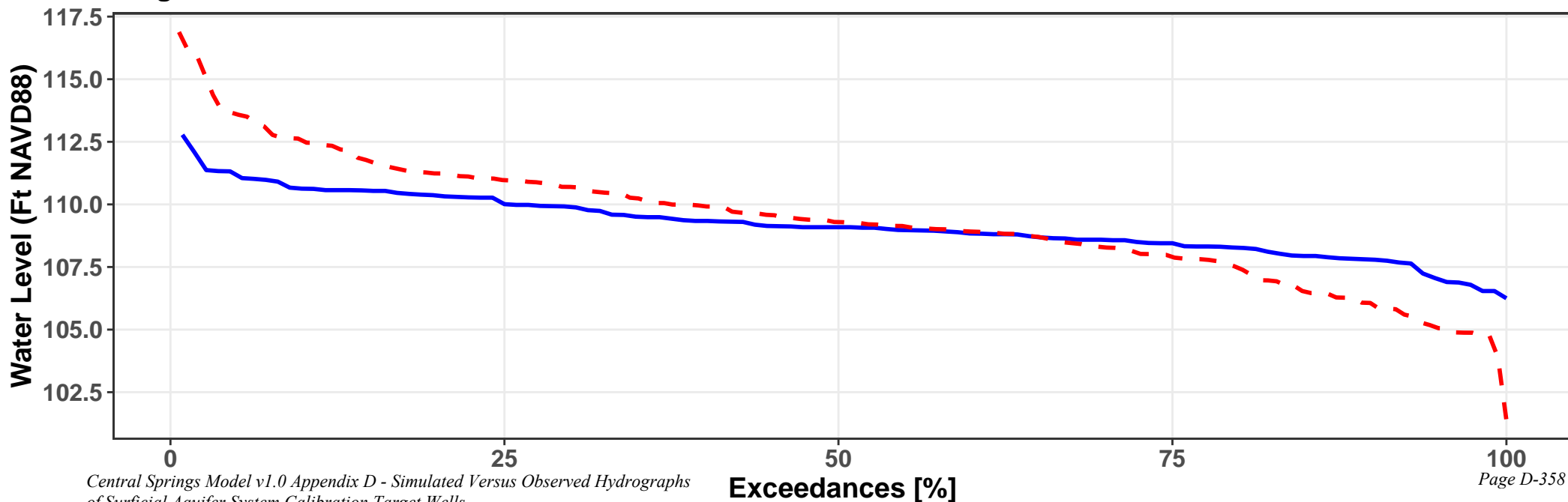
# SID574272 @ Polk County NERUSA HH-MW2 Surf

ME = -0.4 MAE = 1.6  $R^2 = 0.3575$  NSE = -1.448

— Observed — Simulated



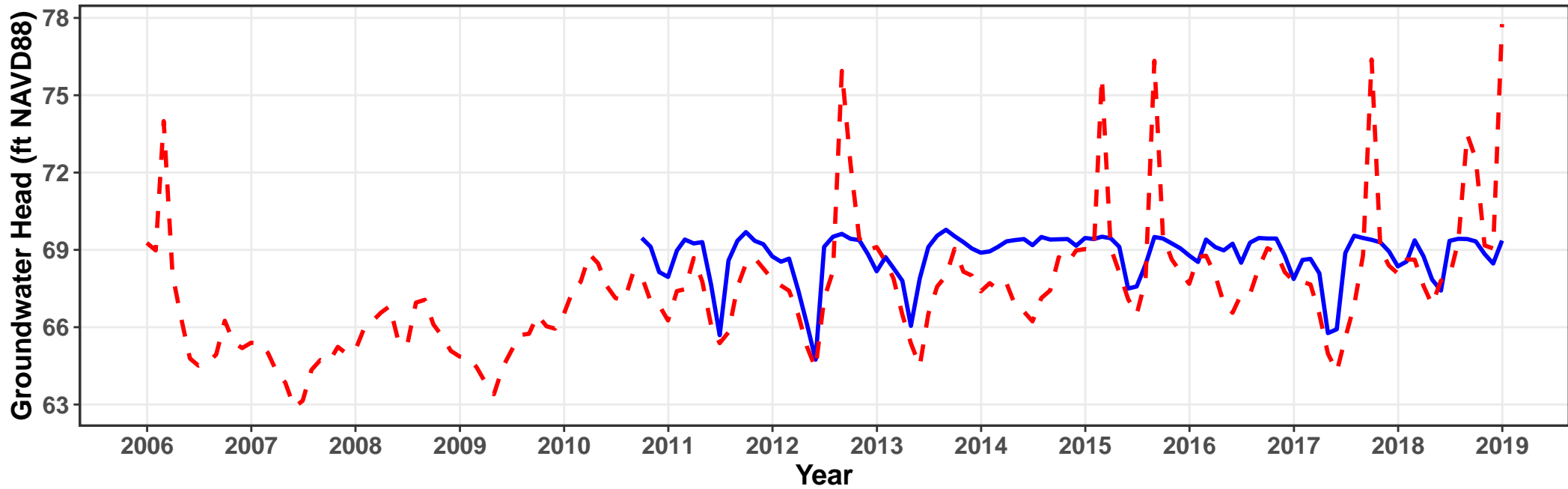
## Stage Duration Curve



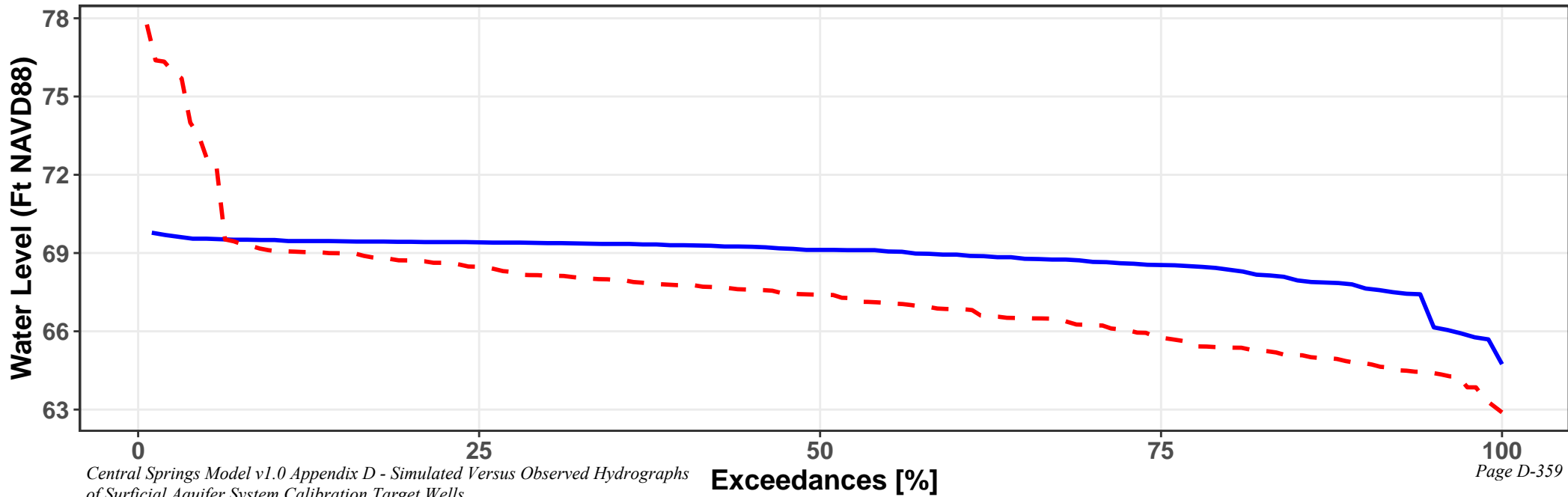
# SID638633 @ Cypress Bridge CYB-04 Wetland Surf

ME = -0.6 MAE = 1.5  $R^2 = 0.2513$  NSE = -3.972

— Observed — Simulated



## Stage Duration Curve

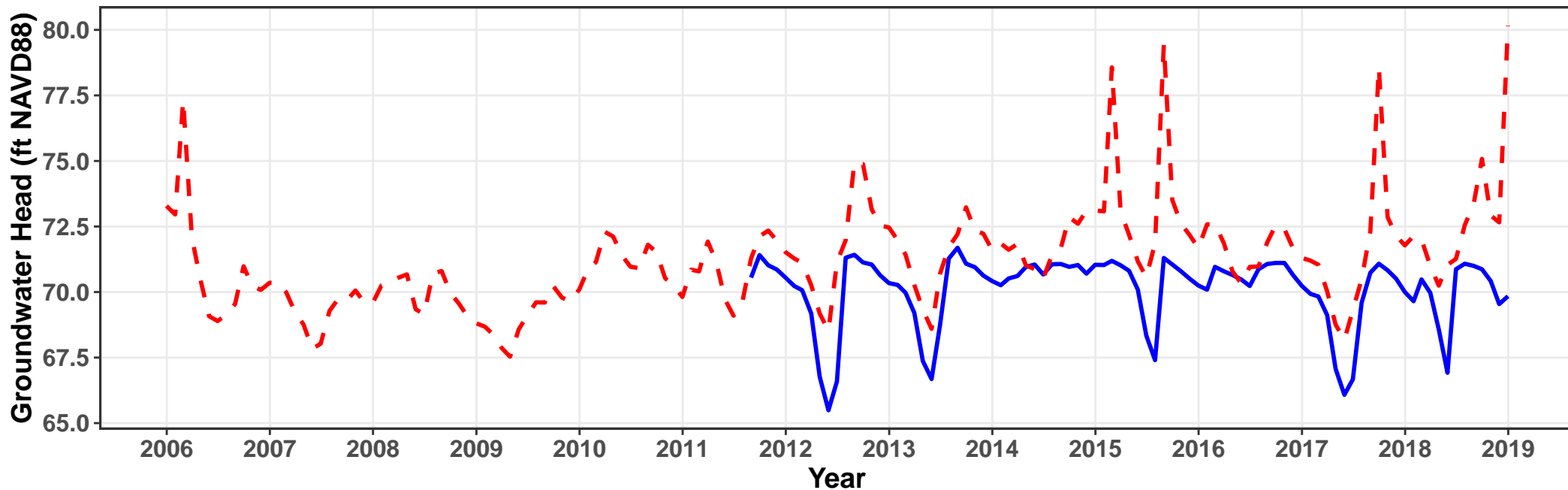




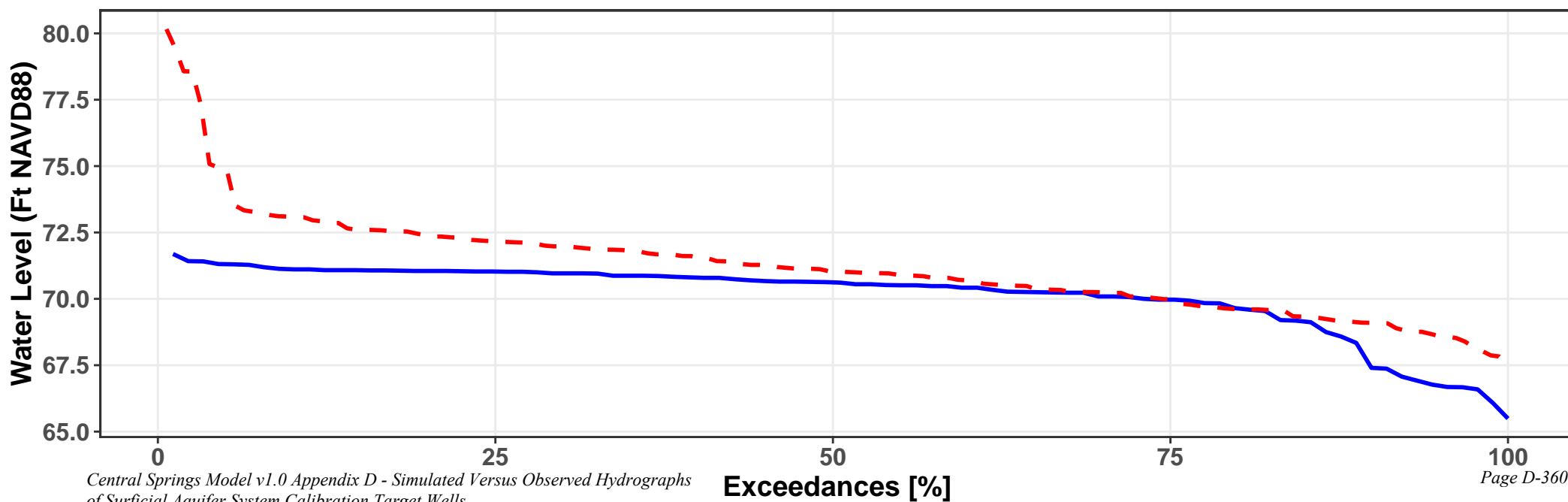
# SID638652 @ Cypress Bridge CYB-25 Wetland Surf

ME = 1.9 MAE = 1.9  $R^2 = 0.2972$  NSE = -2.481

— Observed — Simulated



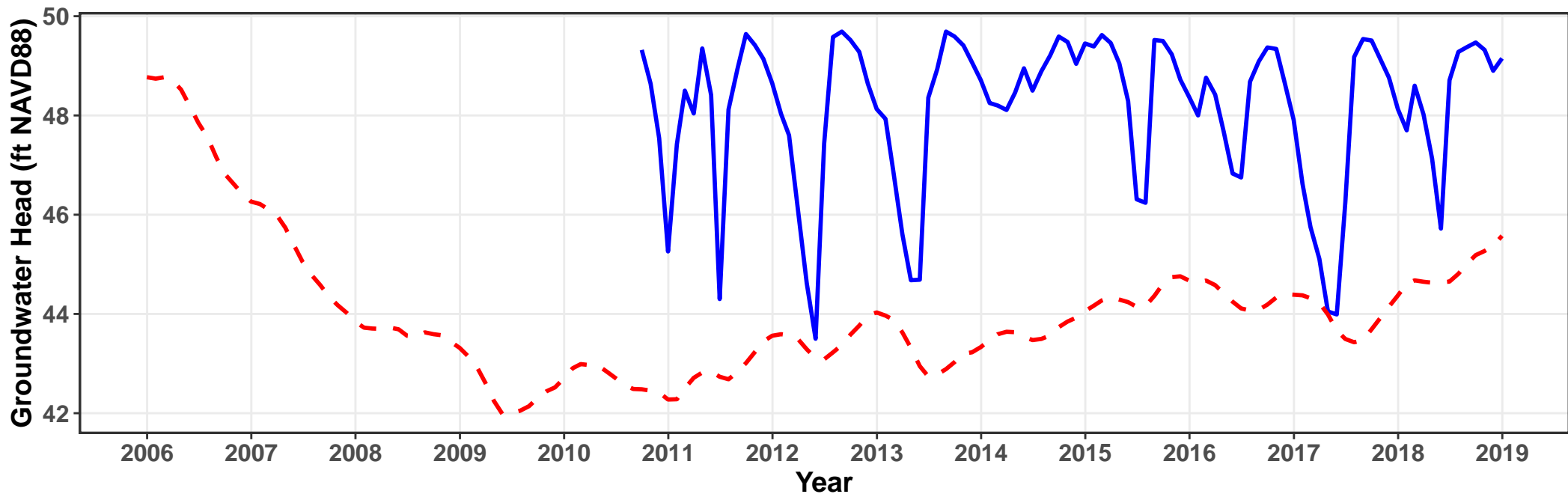
## Stage Duration Curve



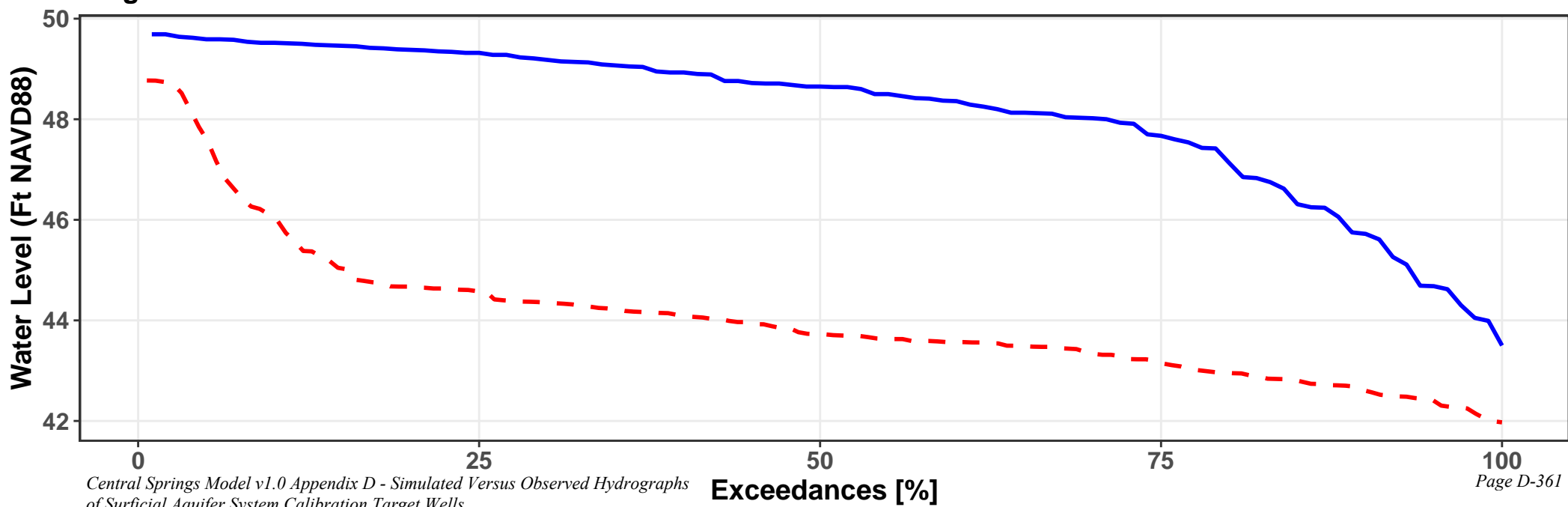
# SID638659 @ Cypress Bridge CYB-32 Wetland Surf

ME = -4.3 MAE = 4.3  $R^2 = 0.0201$  NSE = -8.142

— Observed — Simulated



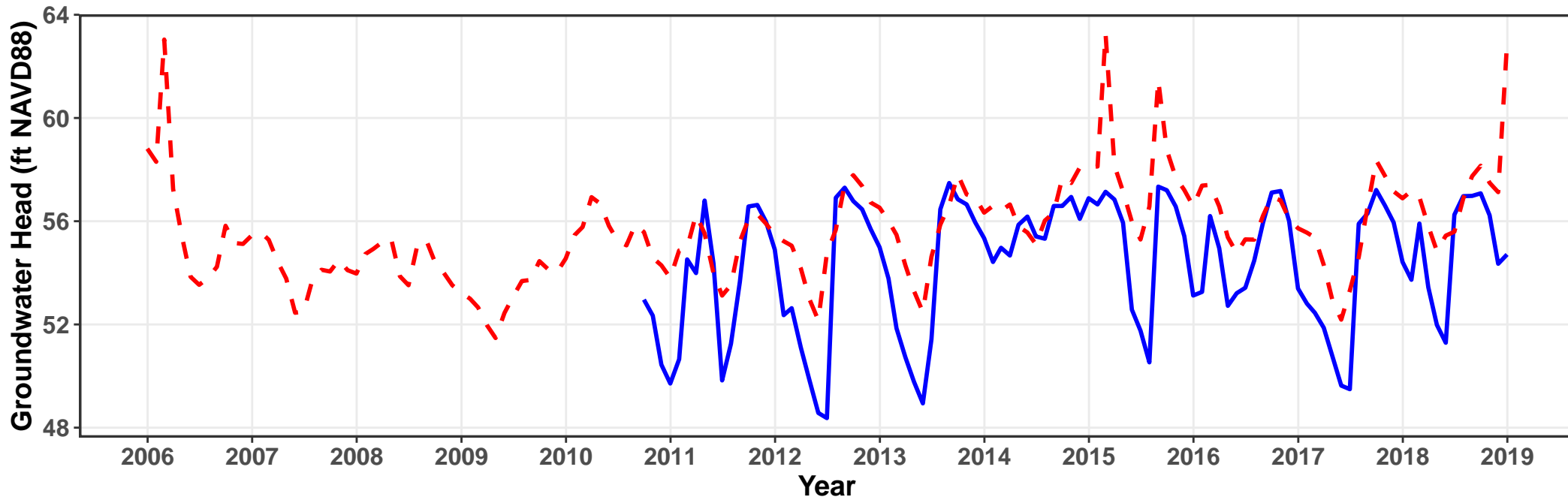
## Stage Duration Curve



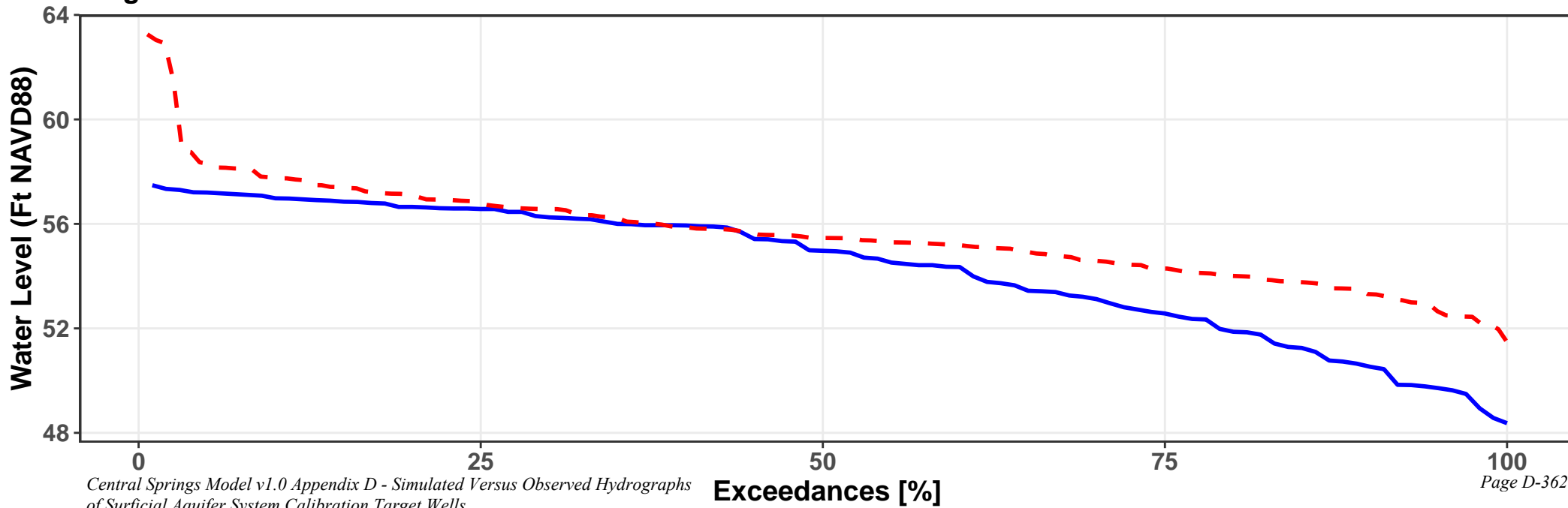
# SID639011 @ Cypress Bridge CYB-A Wetland Surf

ME = 1.8 MAE = 2  $R^2 = 0.5137$  NSE = -0.01

— Observed — Simulated



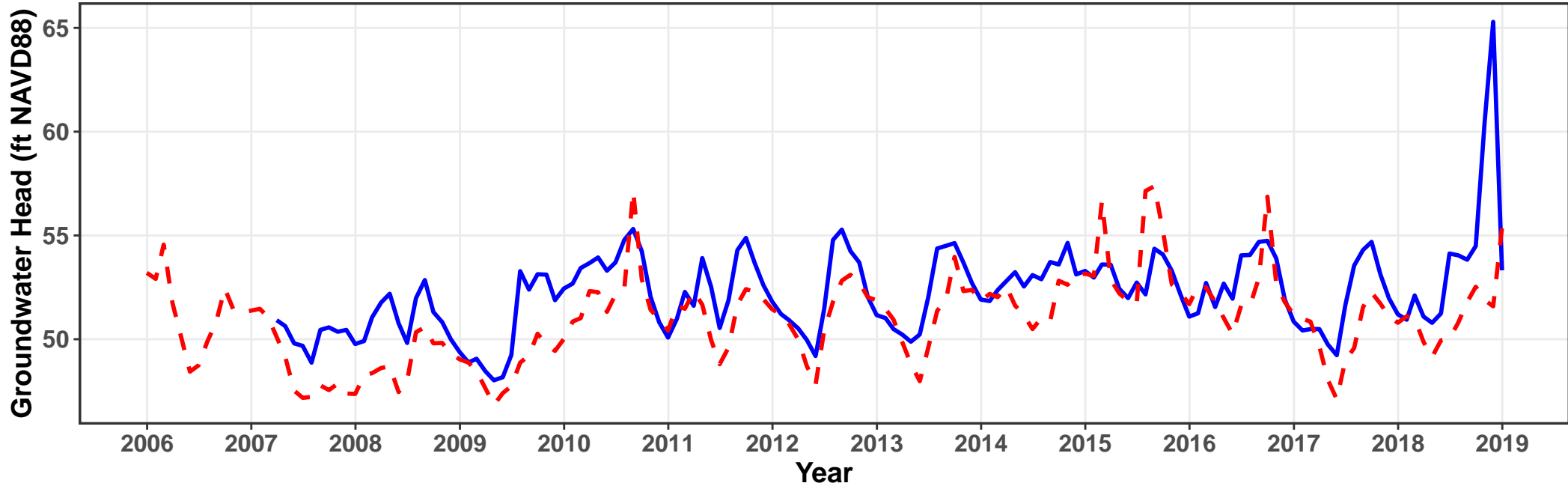
## Stage Duration Curve



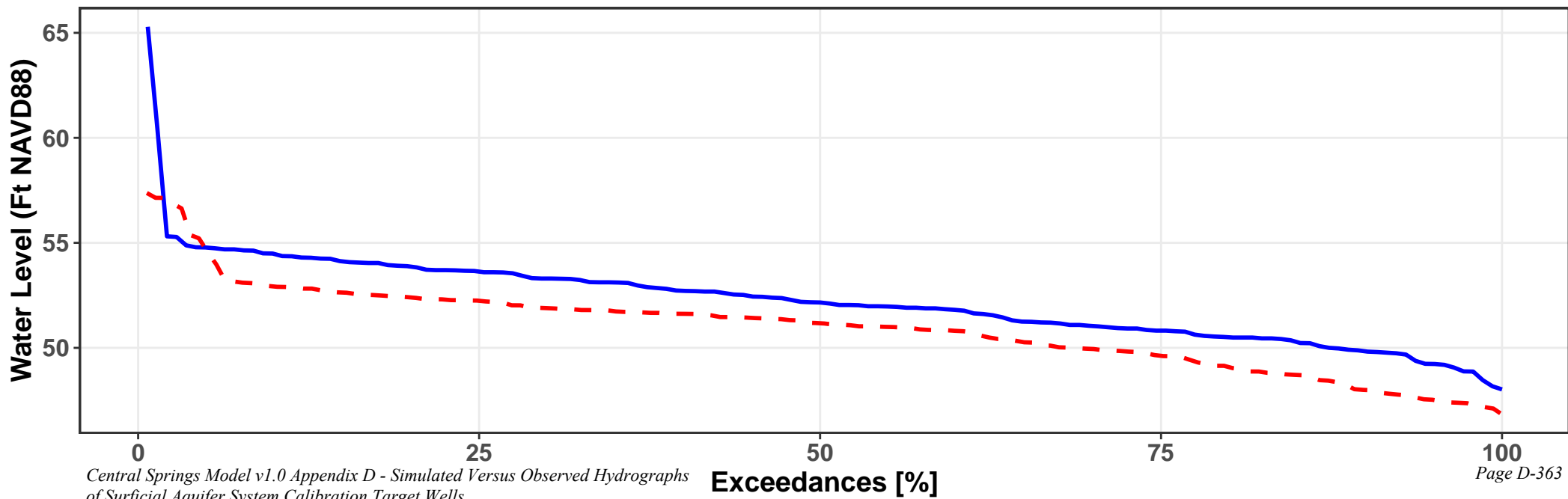
# SID670317 @ Brooker Creek Surf

ME = -1.3 MAE = 1.7  $R^2 = 0.3664$  NSE = -0.165

— Observed - - Simulated



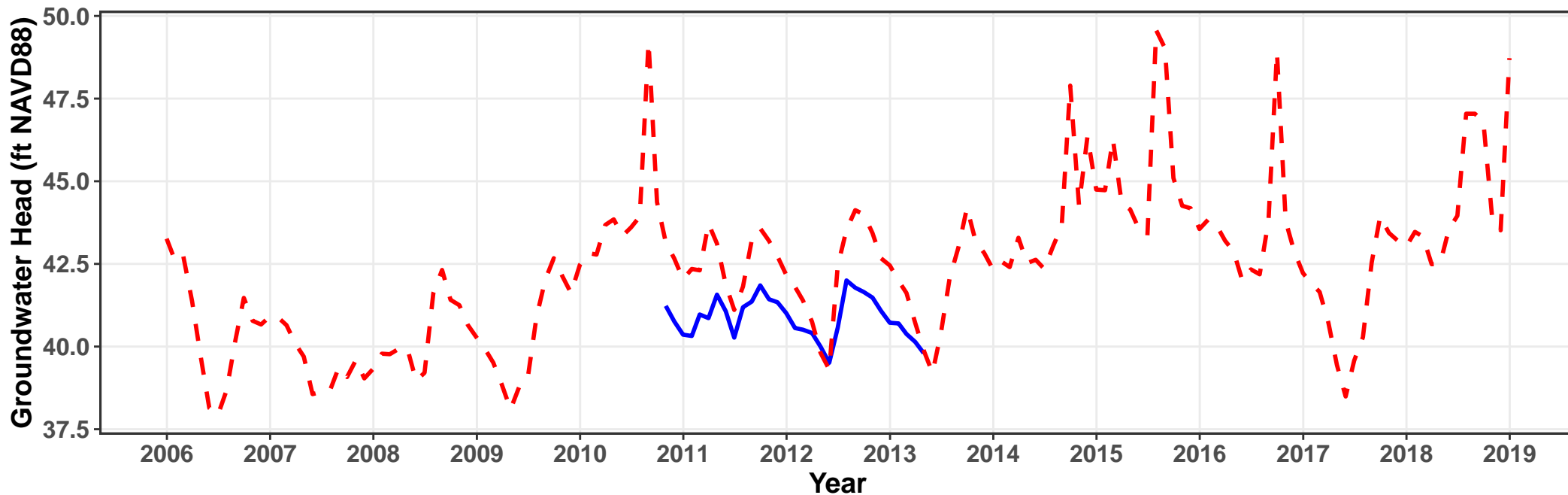
## Stage Duration Curve



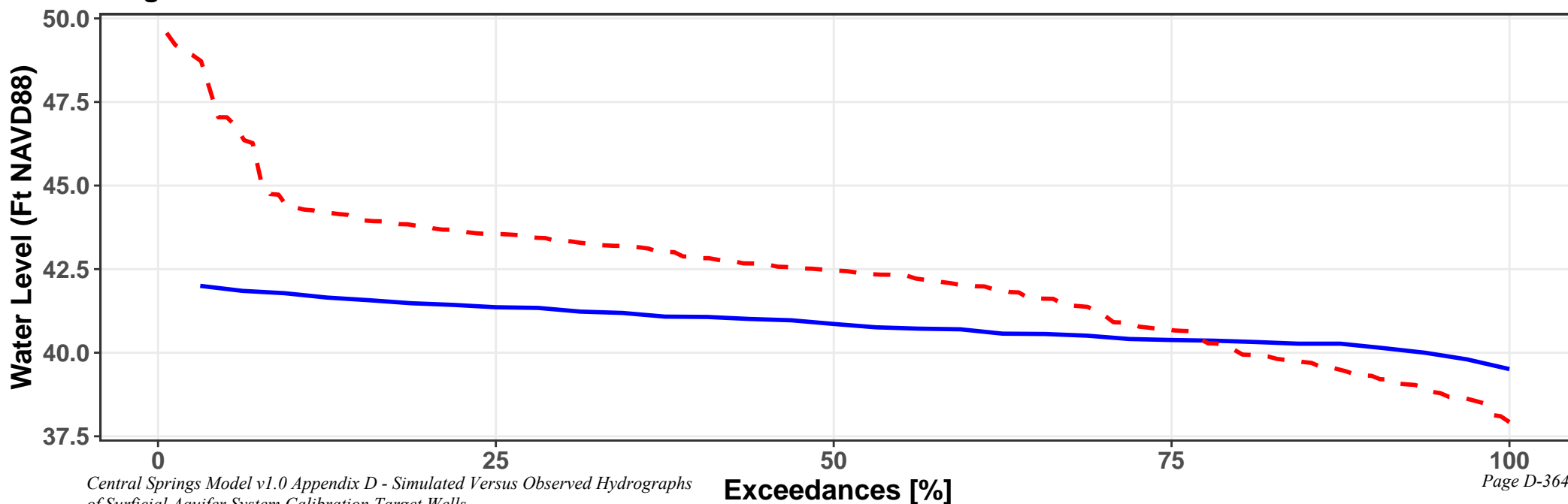
# SID701564 @ North Pasco 16 Upland Surf (NPEM 16U)

ME = 1.4 MAE = 1.4  $R^2 = 0.757$  NSE = -5.449

— Observed — Simulated



## Stage Duration Curve

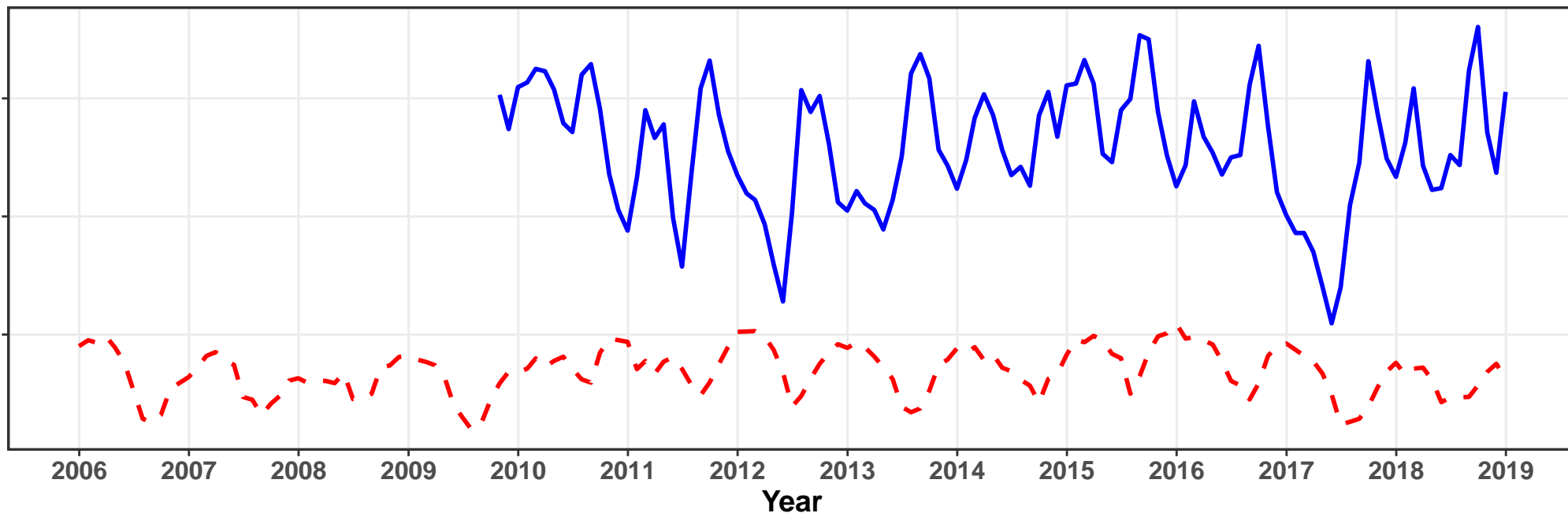


# SID734120 @ Canal Park Surf Aq Monitor Repl

ME = -3.7 MAE = 3.7  $R^2 = 0.0204$  NSE = -12.972

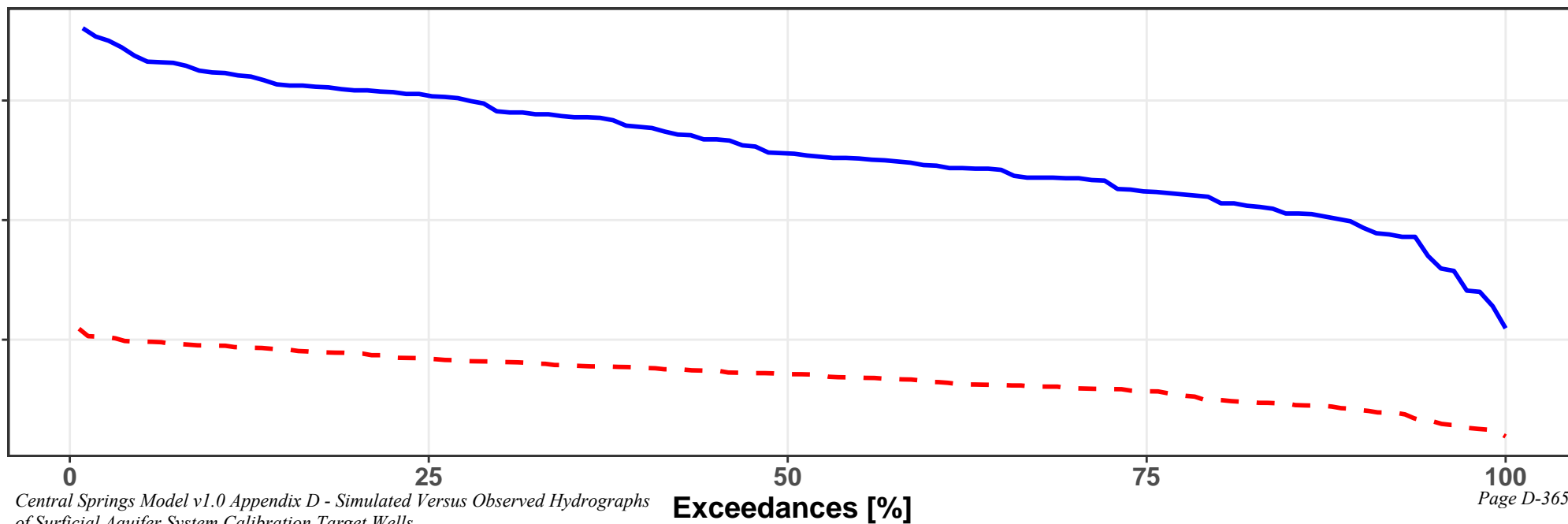
— Observed — Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

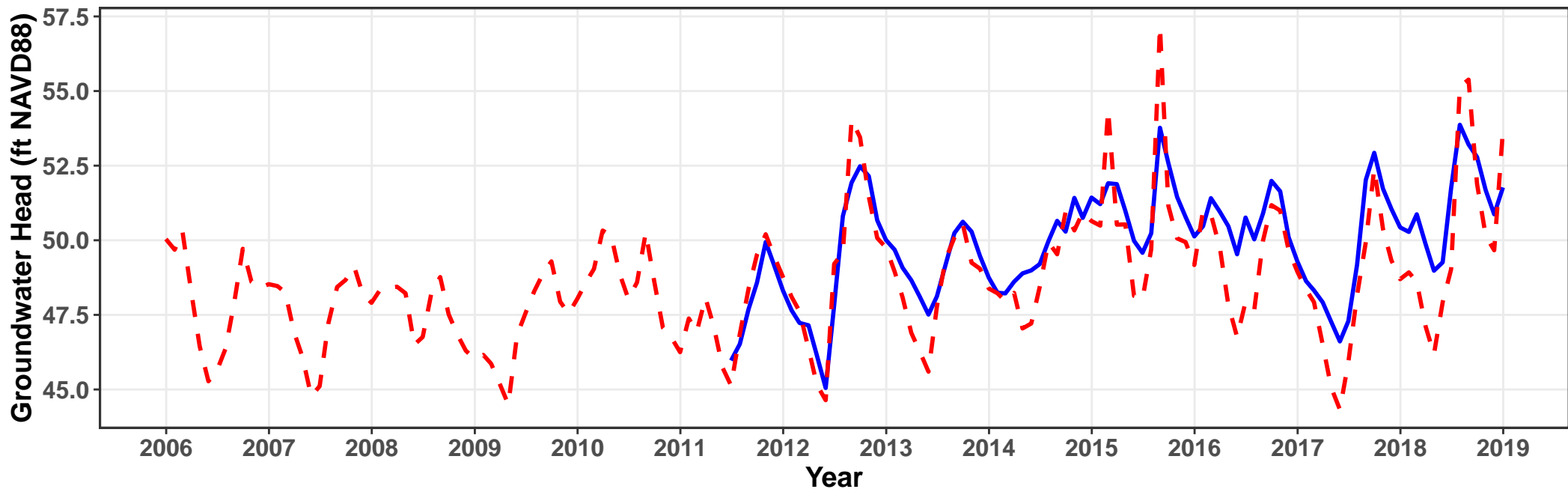
Water Level (Ft NAVD88)



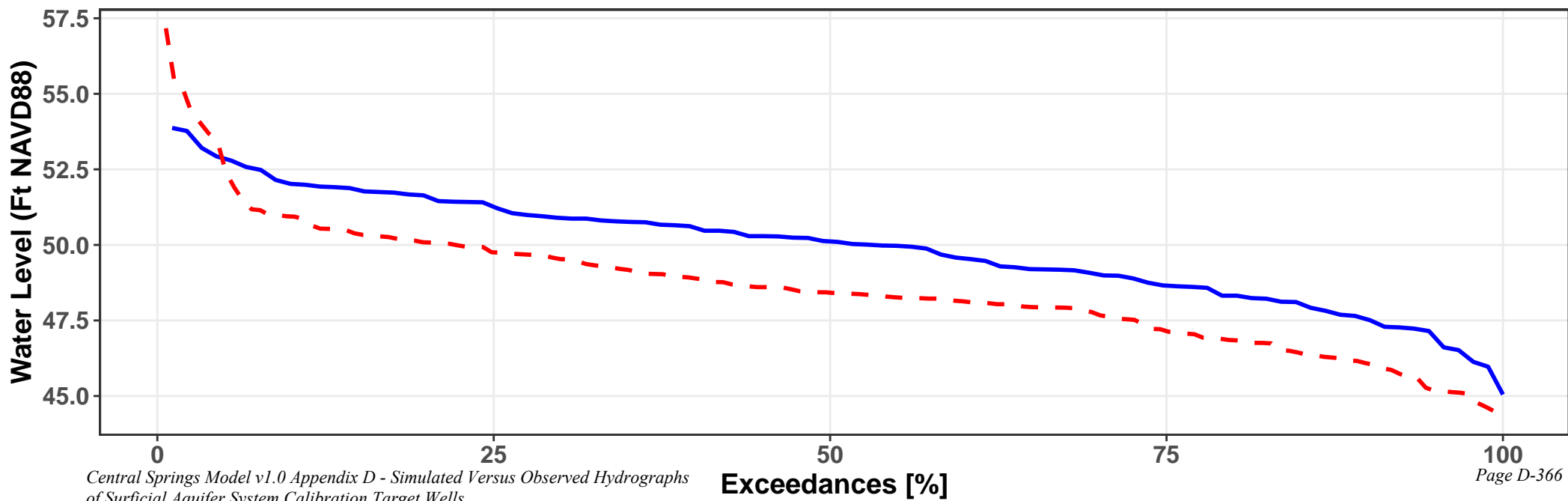
# SID777749 @ ROMP 68 Surf Aq Monitor

ME = -0.7 MAE = 1.1  $R^2 = 0.7384$  NSE = 0.409

— Observed — Simulated



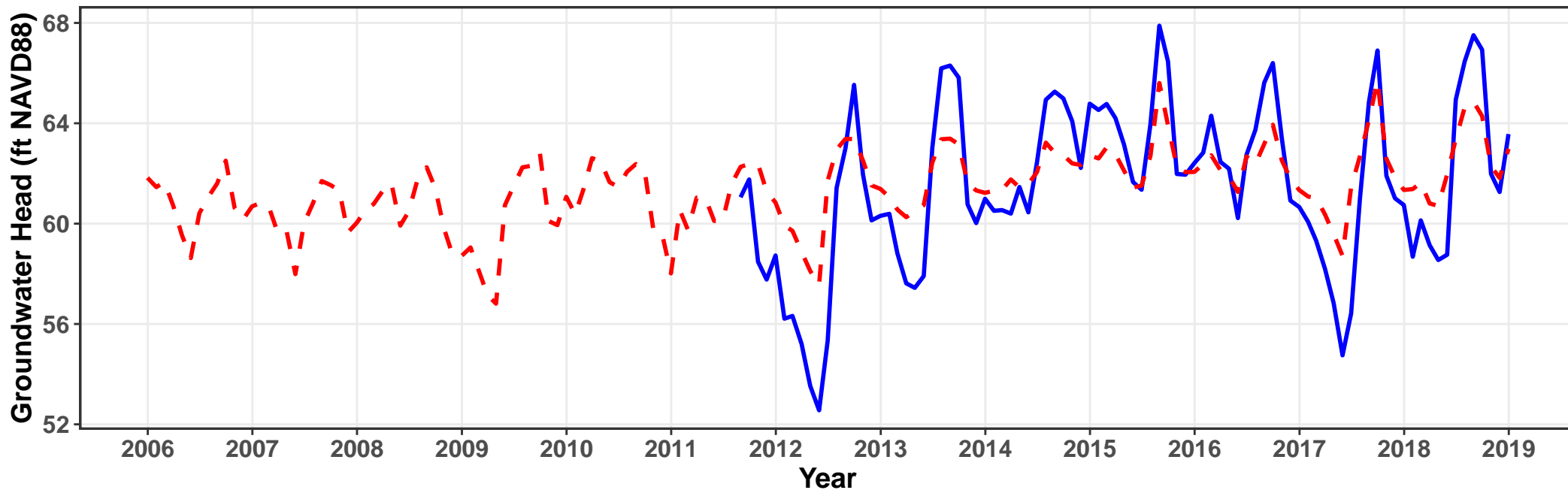
## Stage Duration Curve



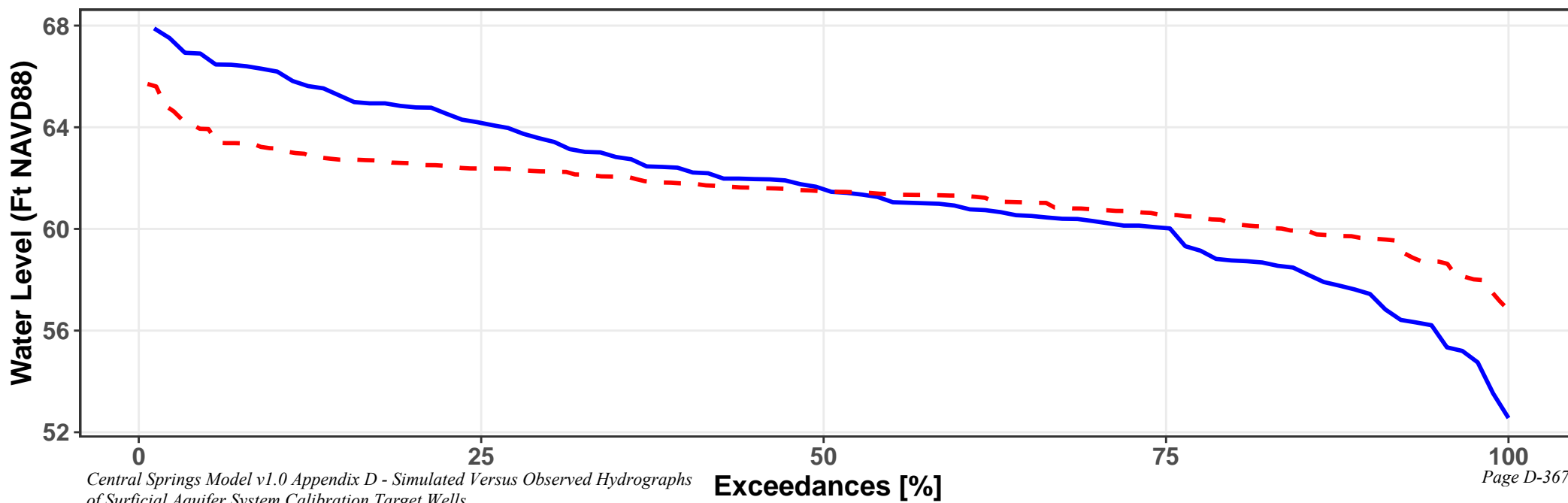
# SID780114 @ Tampa 15 Surf Aq Monitor

ME = 0.5 MAE = 1.7  $R^2 = 0.8399$  NSE = 0.584

— Observed — Simulated



## Stage Duration Curve

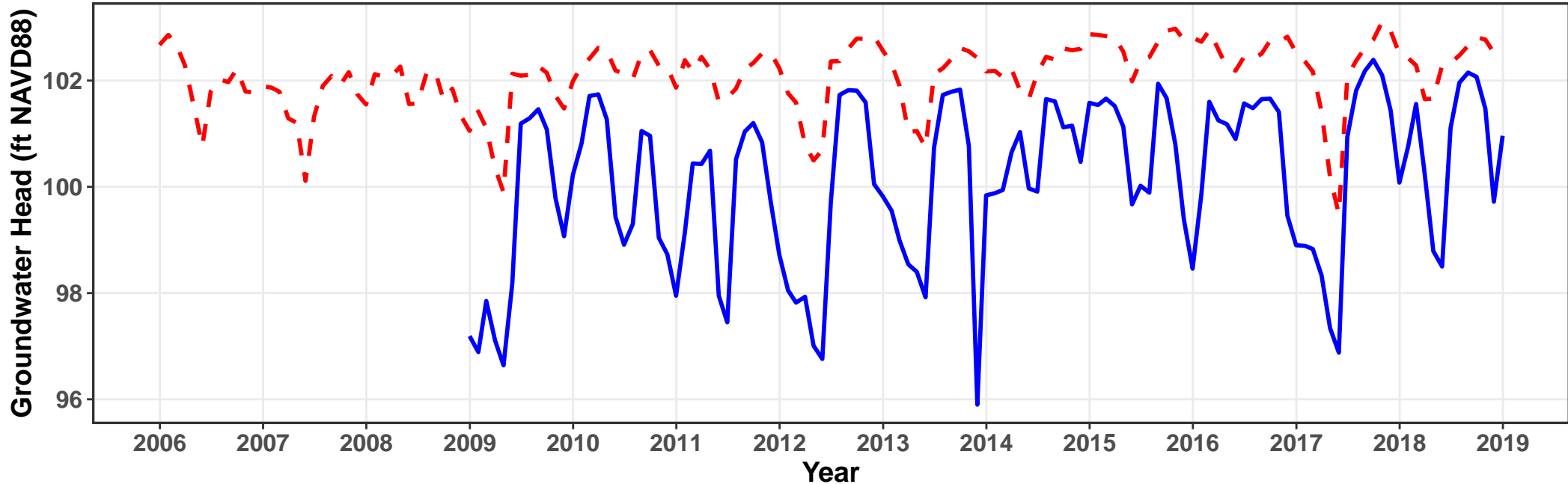




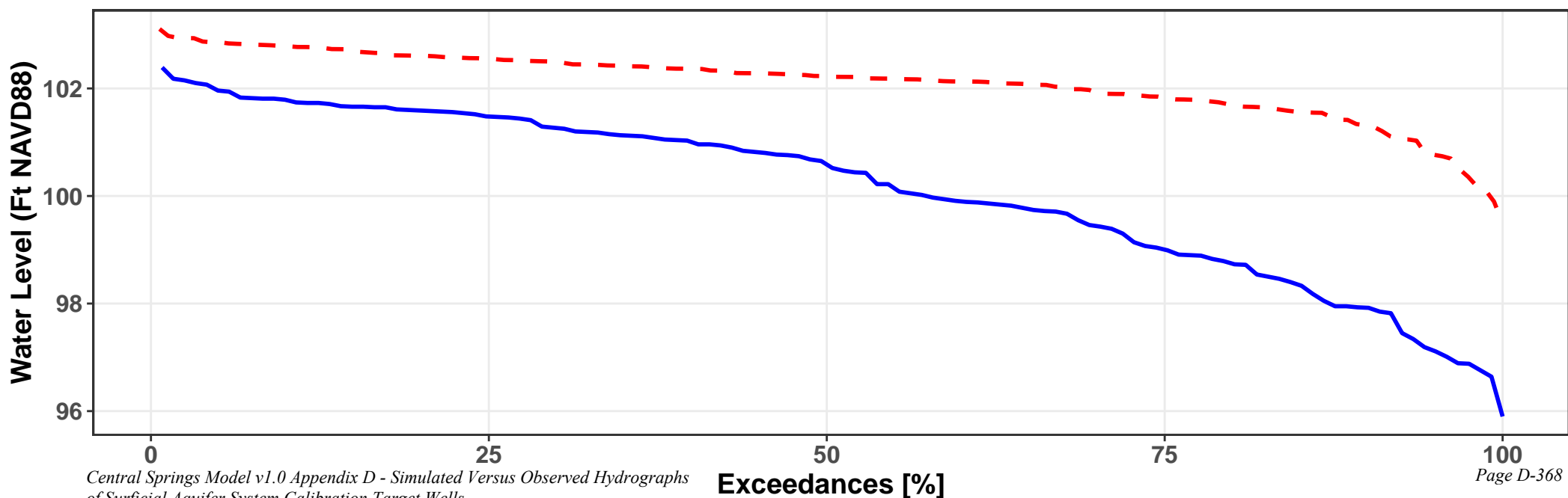
# SID784102 @ Hampton Tract FDOT Mitigation BTB1 Surf

ME = 2.1 MAE = 2.1  $R^2 = 0.5346$  NSE = -1.336

— Observed — Simulated



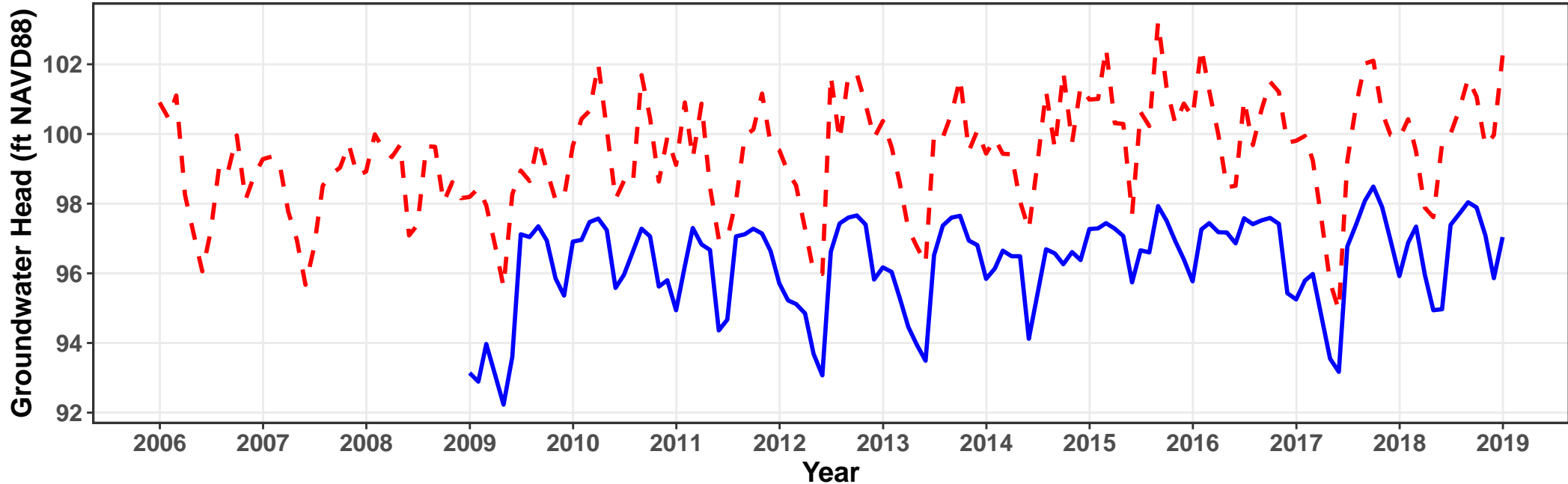
## Stage Duration Curve



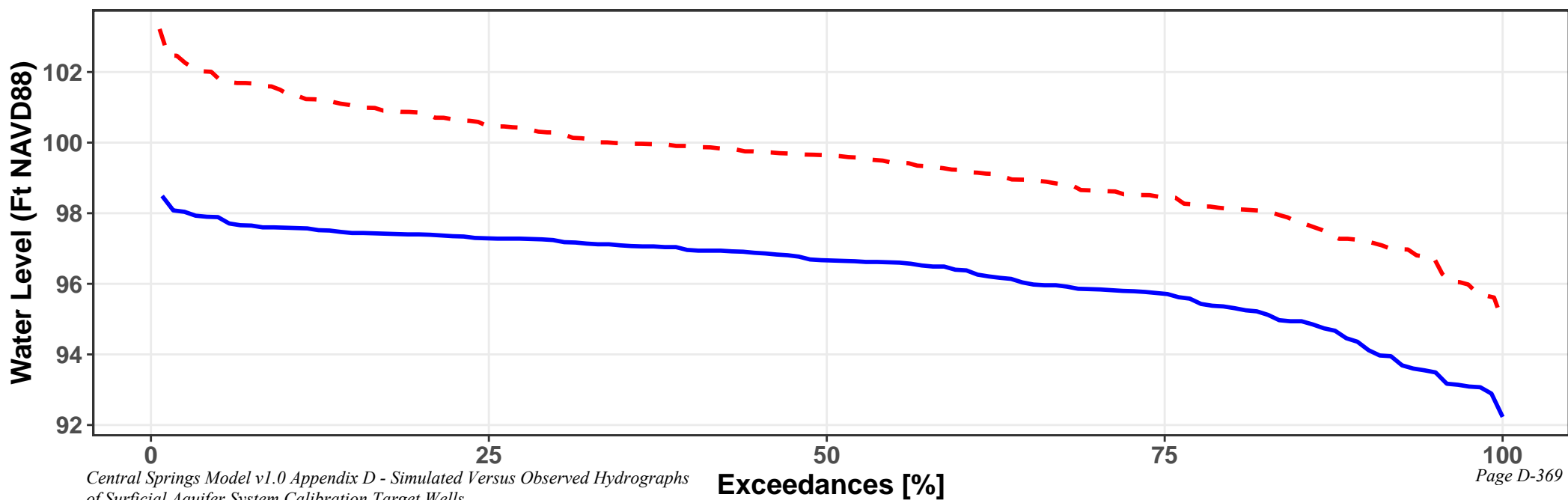
# SID784103 @ Hampton Tract FDOT Mitigation BT2 Surf

ME = 3.3 MAE = 3.3  $R^2 = 0.6474$  NSE = -5.769

— Observed — Simulated



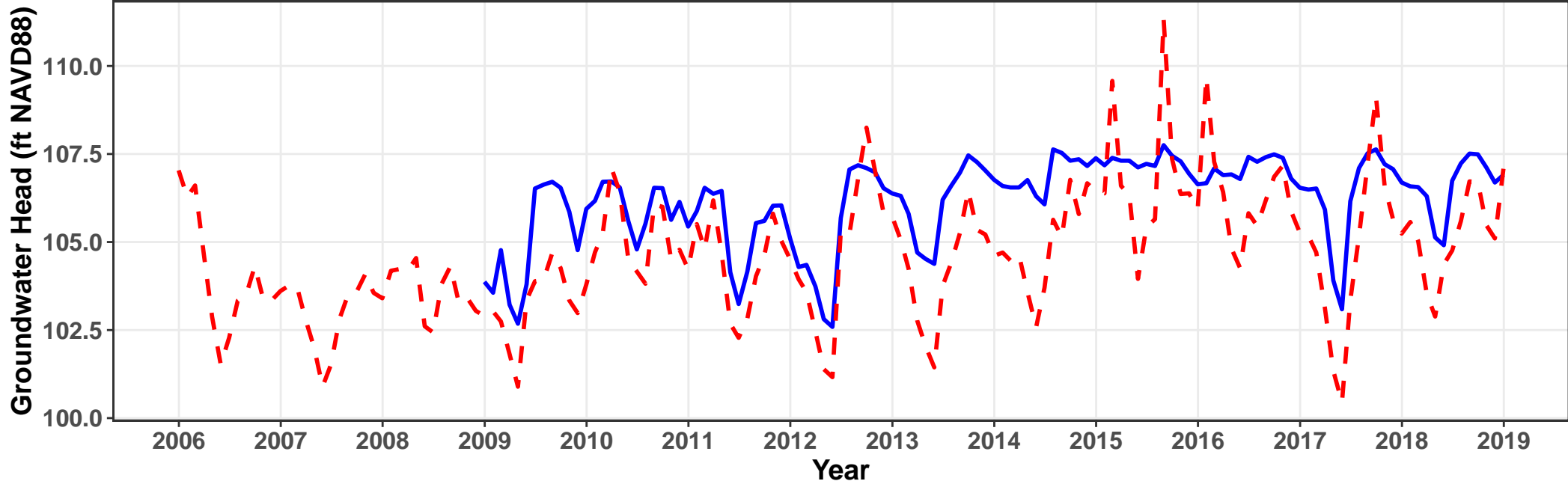
## Stage Duration Curve



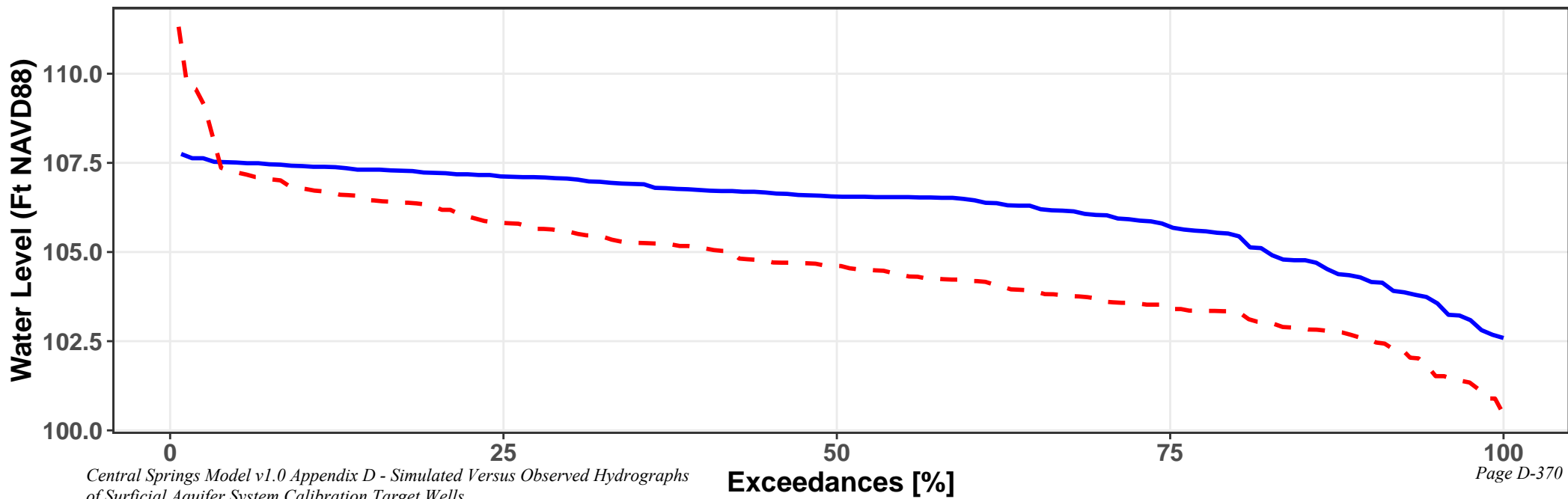
# SID784104 @ Hampton Tract FDOT Mitigation CC1 Surf

ME = -1.2 MAE = 1.4  $R^2 = 0.6387$  NSE = -0.797

— Observed — Simulated



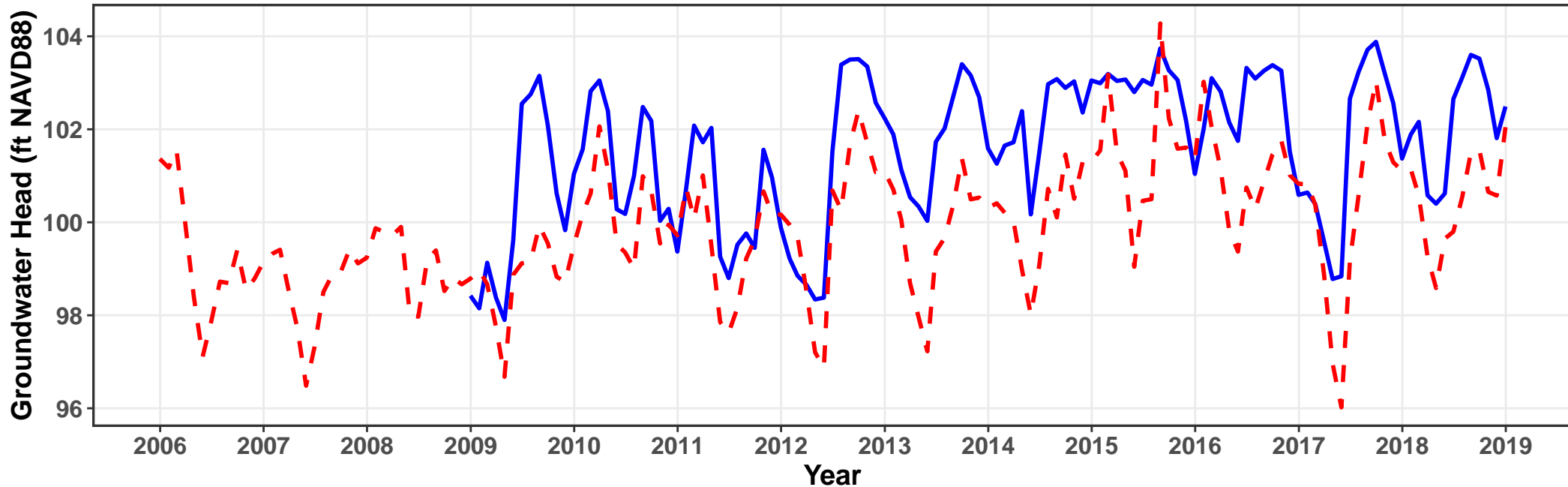
## Stage Duration Curve



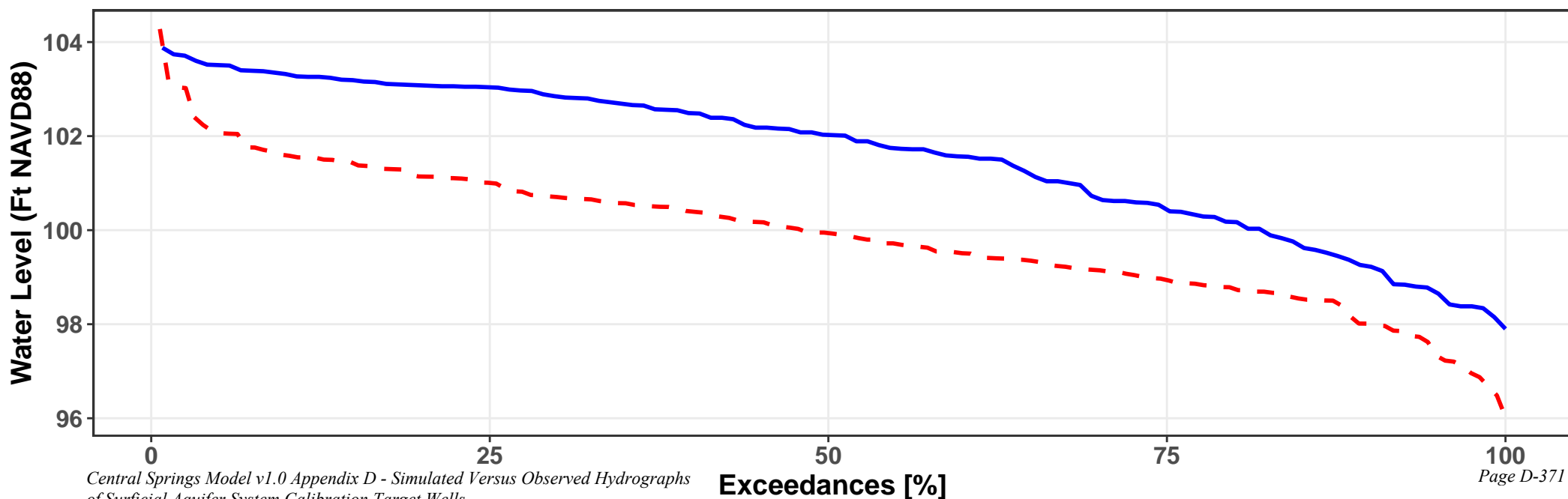
# SID784105 @ Hampton Tract FDOT Mitigation CC2 Surf

ME = -1.4 MAE = 1.5  $R^2 = 0.5831$  NSE = -0.277

— Observed — Simulated



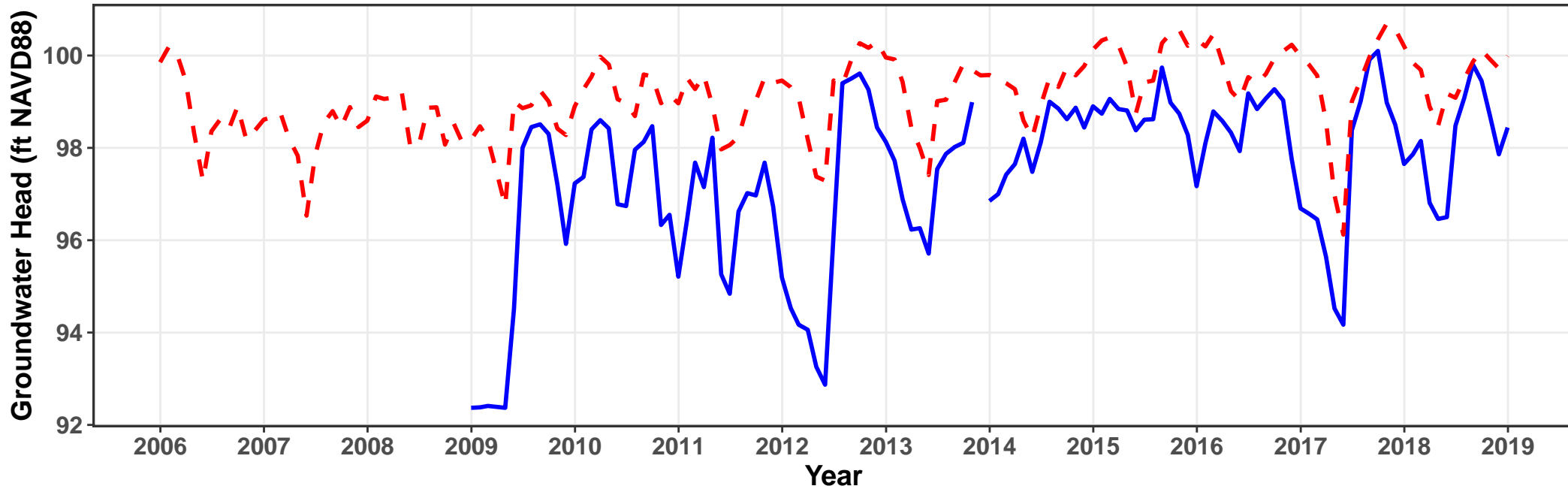
## Stage Duration Curve



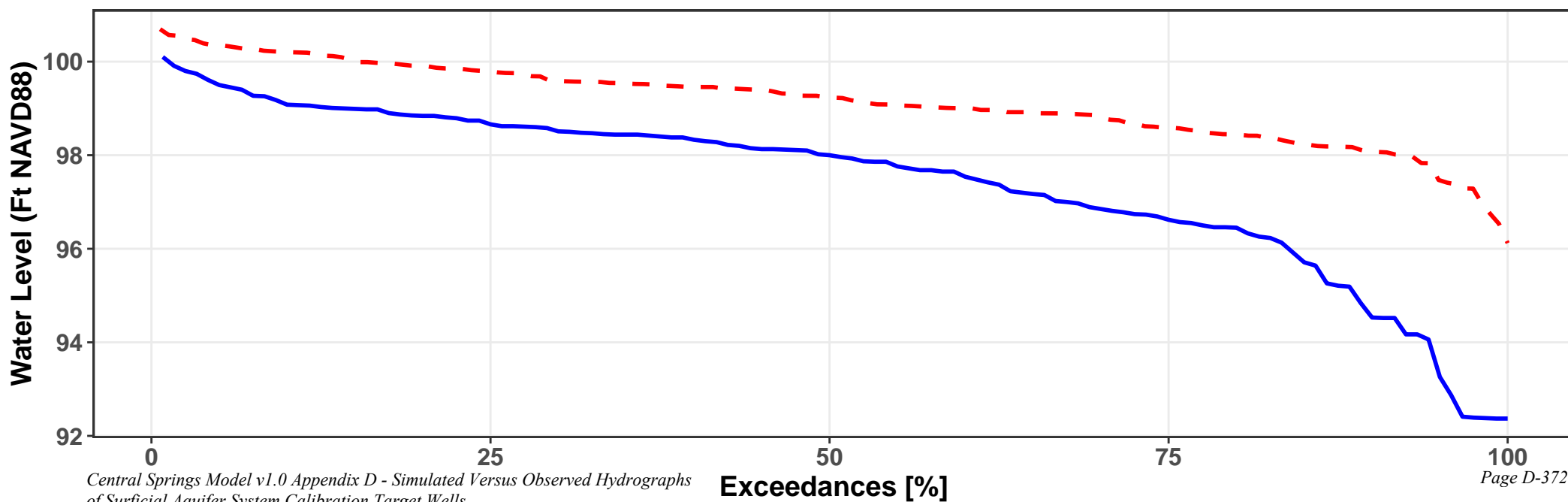
# SID784106 @ Hampton Tract FDOT Mitigation CC3 Surf

ME = 1.9 MAE = 1.9  $R^2 = 0.547$  NSE = -0.609

— Observed - - Simulated



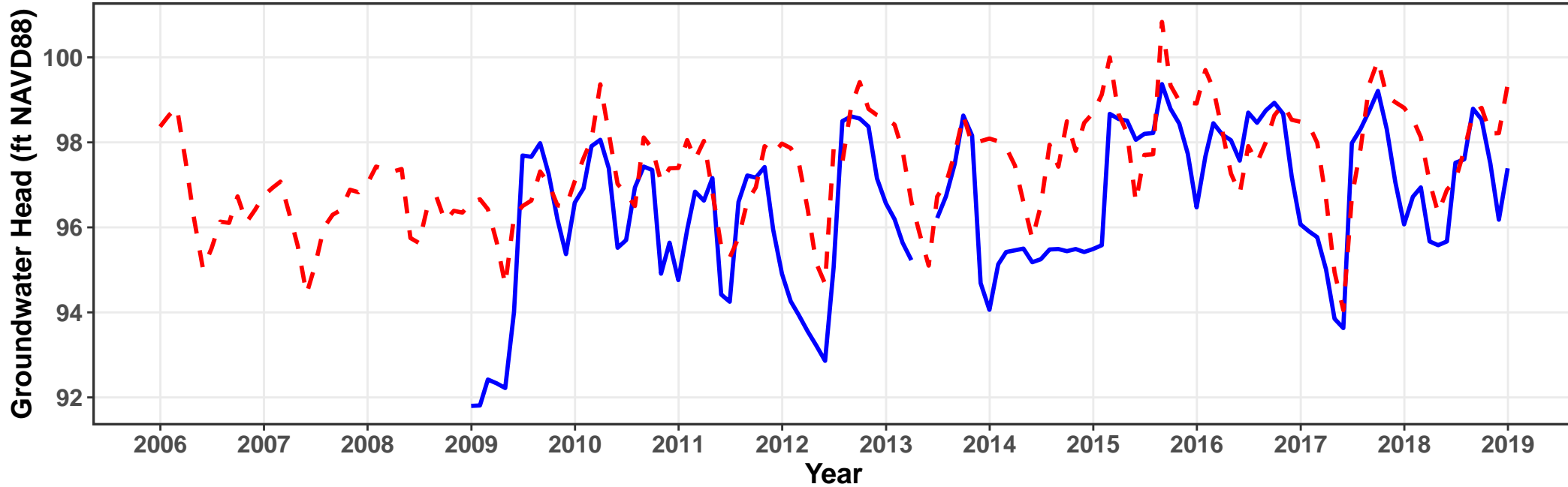
## Stage Duration Curve



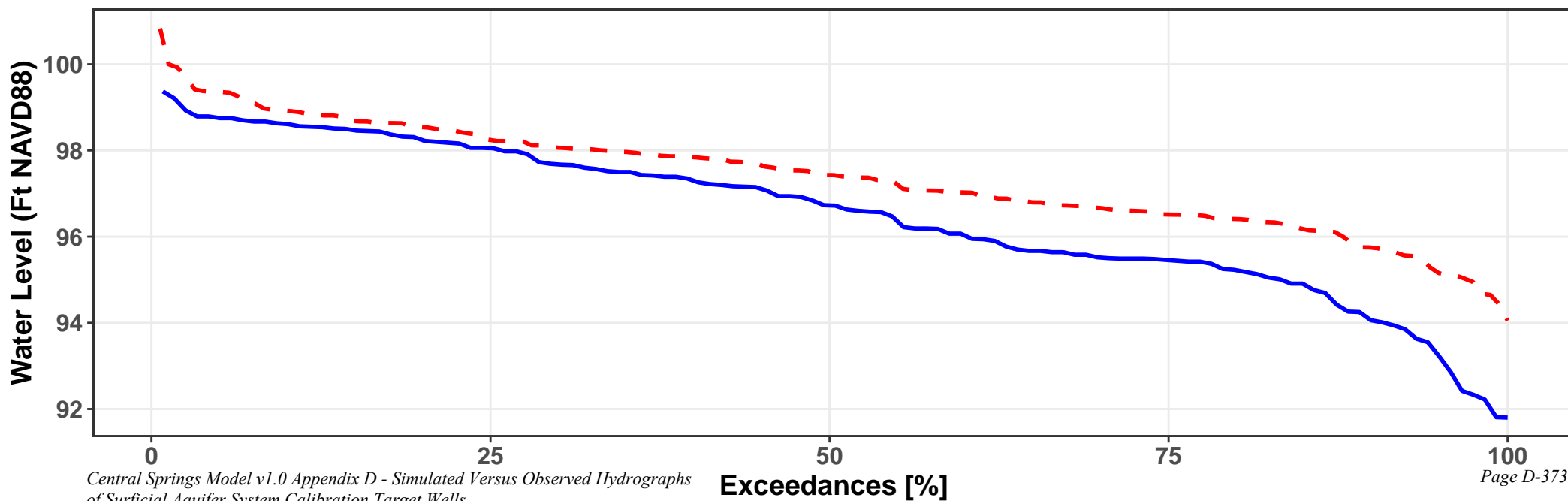
# SID784107 @ Hampton Tract FDOT Mitigation CC4 Surf

ME = 1.2 MAE = 1.4  $R^2 = 0.3982$  NSE = -0.042

— Observed — Simulated



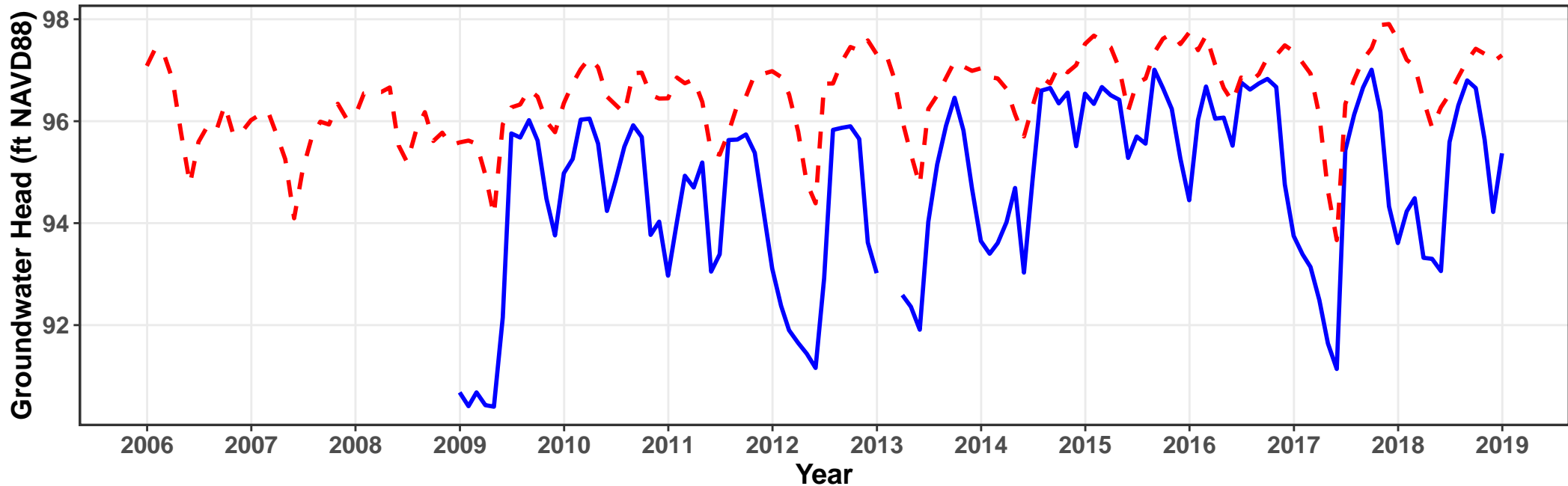
## Stage Duration Curve



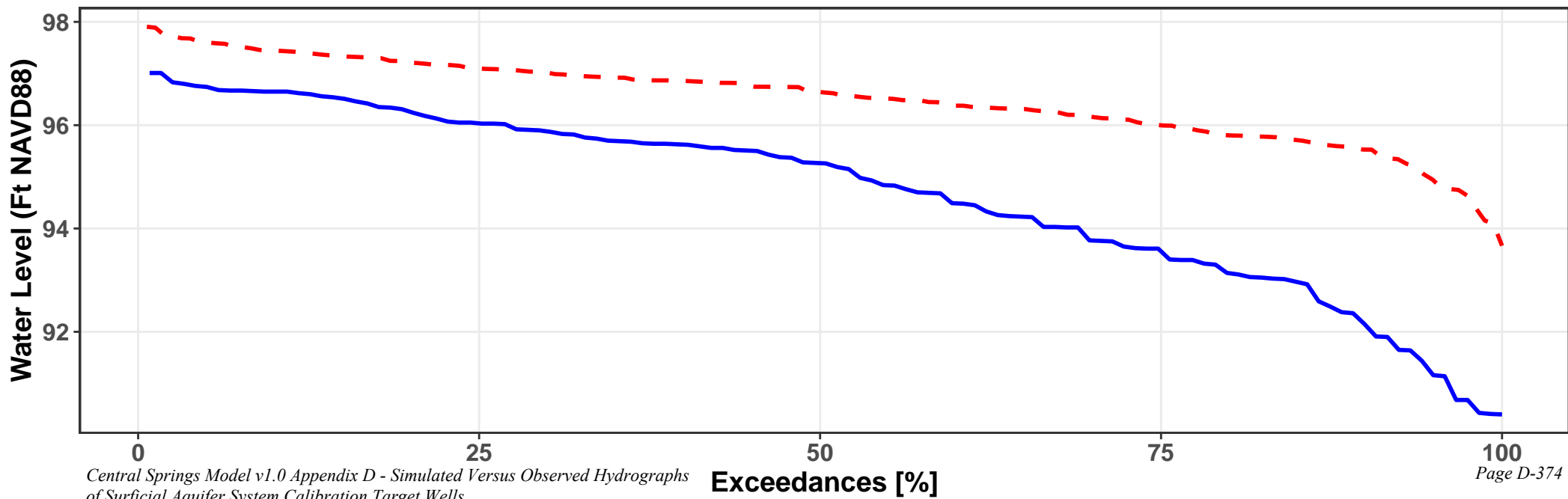
# SID784108 @ Hampton Tract FDOT Mitigation CC5 Surf

ME = 2 MAE = 2  $R^2 = 0.4766$  NSE = -0.884

— Observed — Simulated



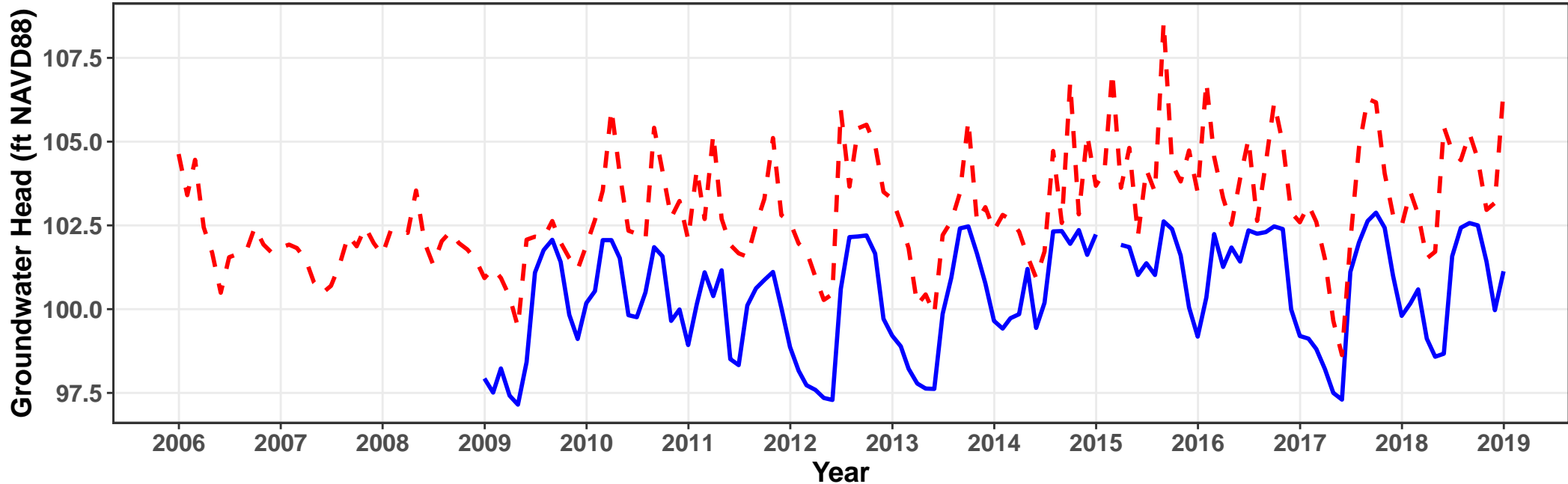
## Stage Duration Curve



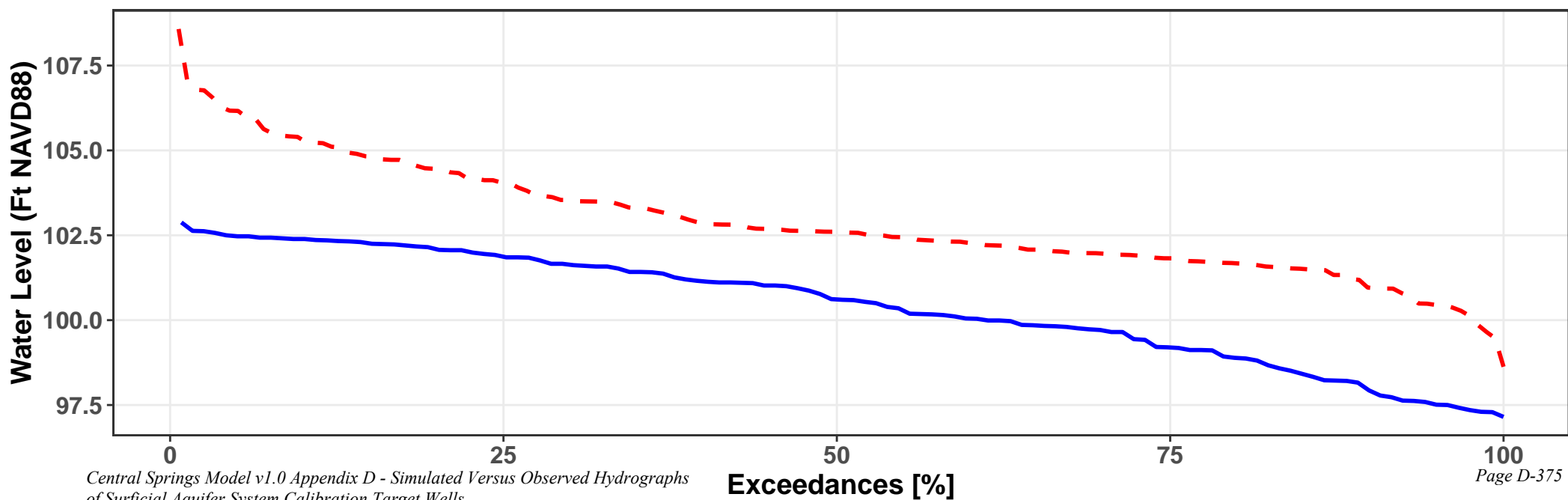
# SID784109 @ Hampton Tract FDOT Mitigation SD1 Surf

ME = 2.7 MAE = 2.7  $R^2 = 0.5353$  NSE = -2.397

— Observed — Simulated



## Stage Duration Curve

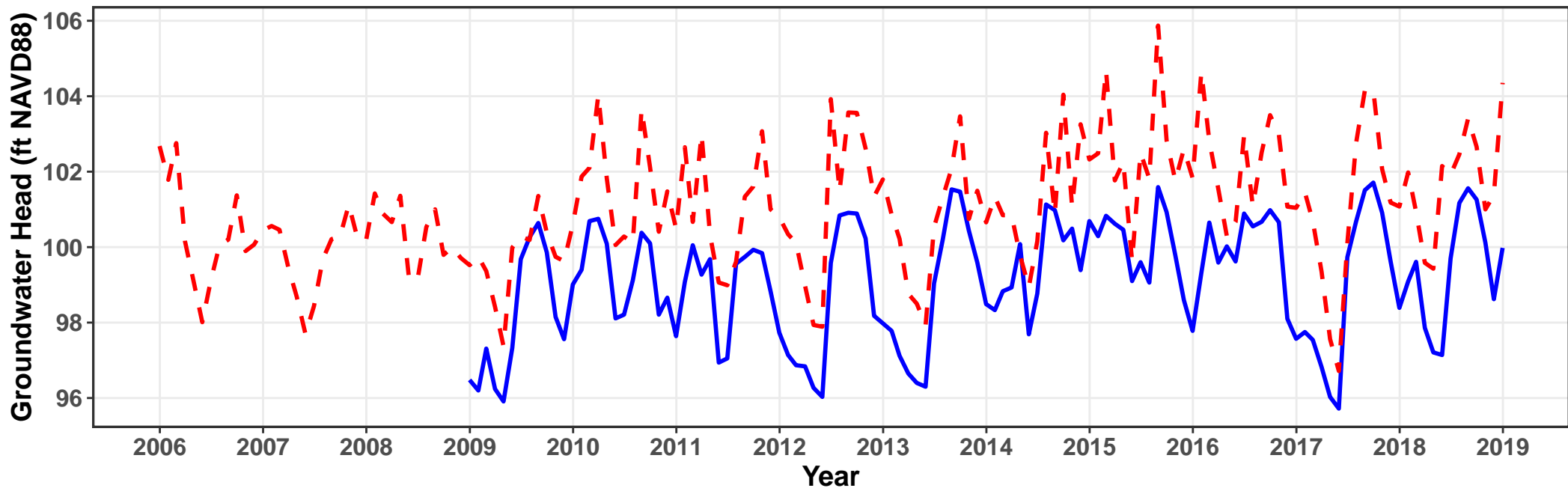




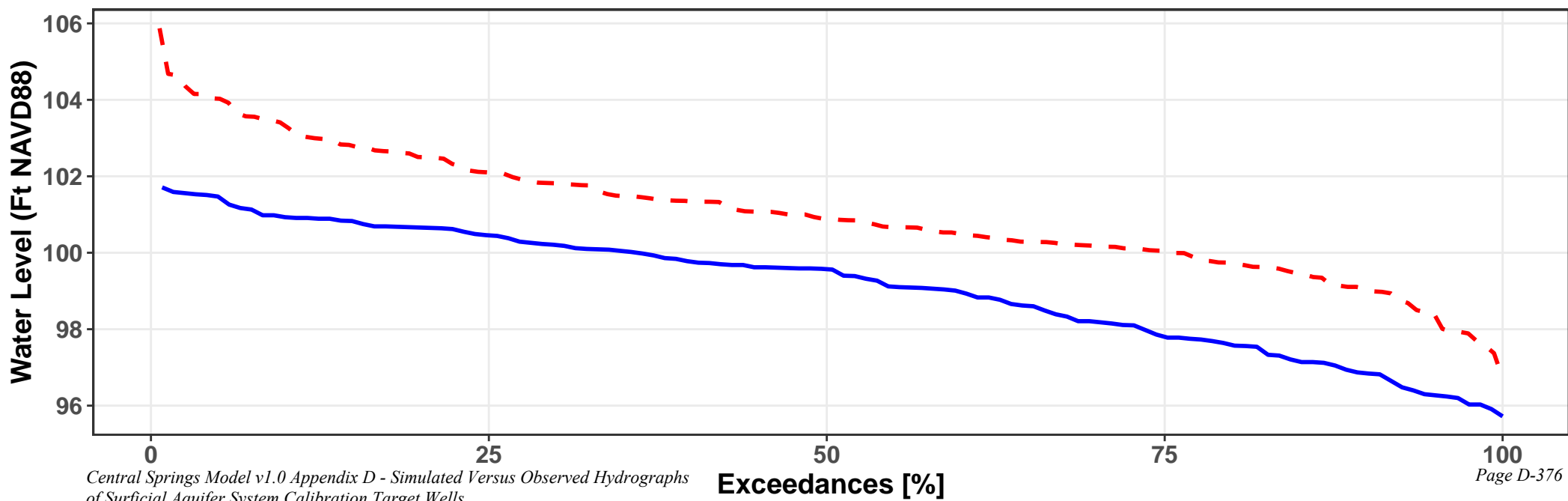
# SID784110 @ Hampton Tract FDOT Mitigation SD2 Surf

ME = 2.1 MAE = 2.1  $R^2 = 0.5921$  NSE = -1.364

— Observed - - Simulated



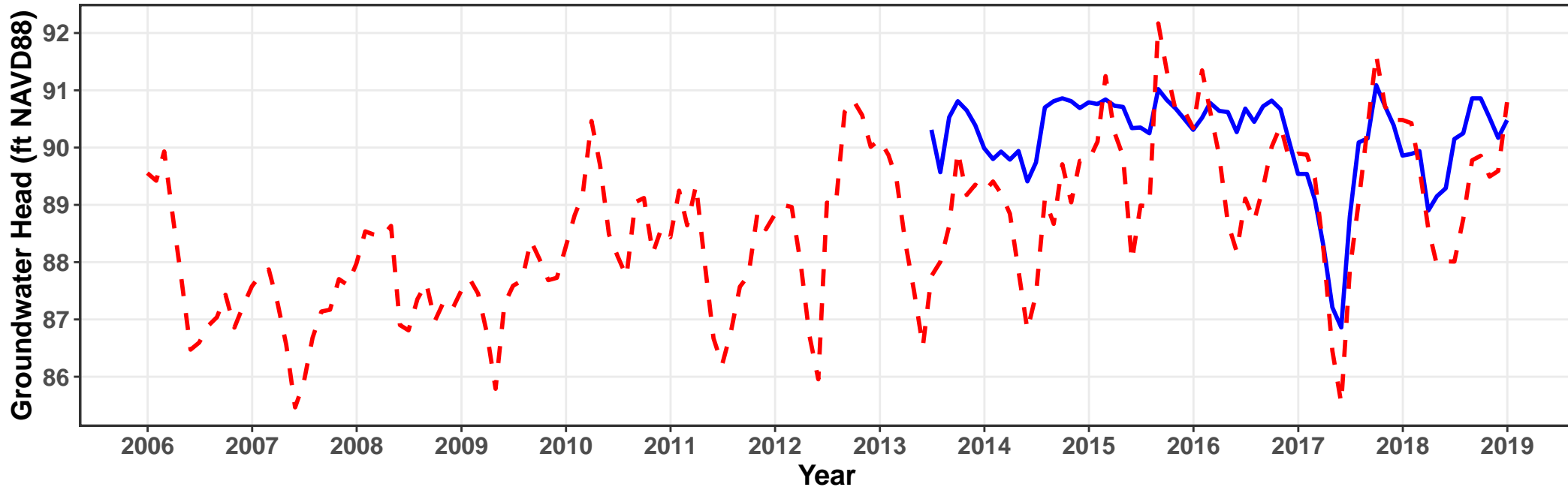
## Stage Duration Curve



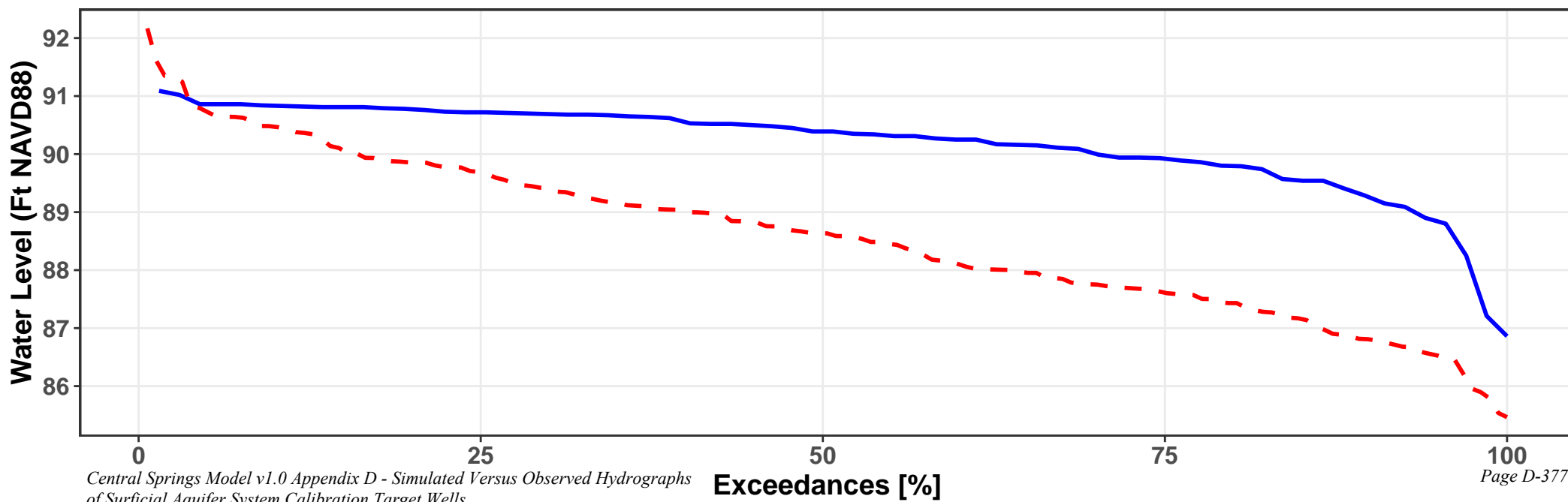
# SID815147 @ Colt Creek State Park 1 Surf

ME = -0.8 MAE = 1  $R^2 = 0.4607$  NSE = -1.265

— Observed — Simulated



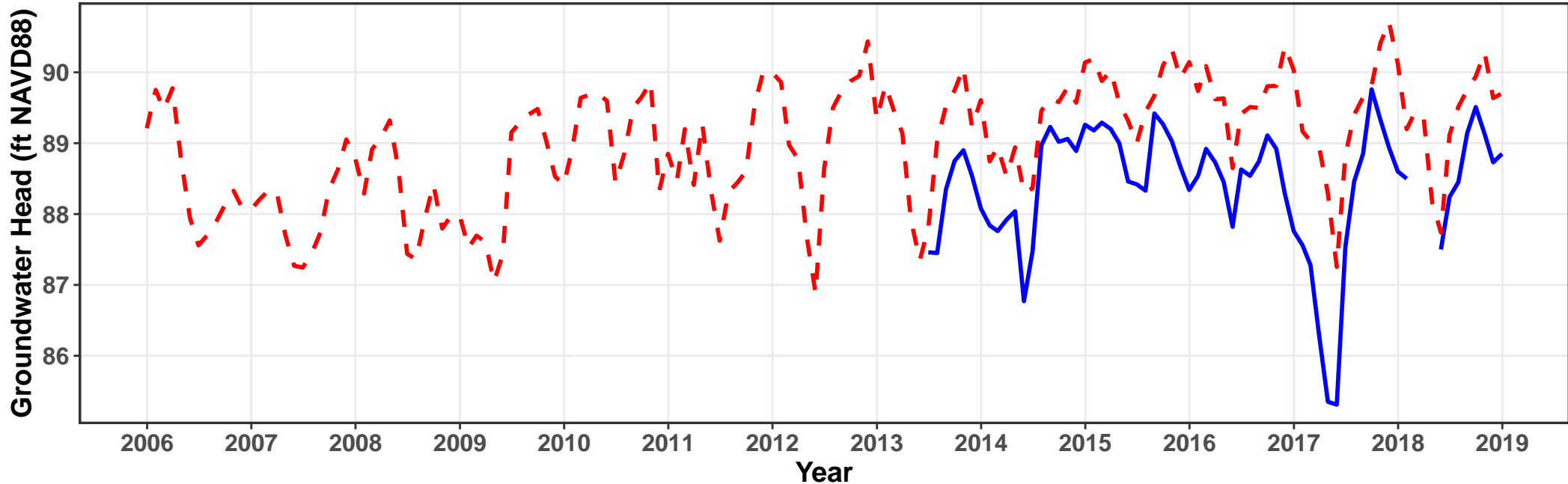
## Stage Duration Curve



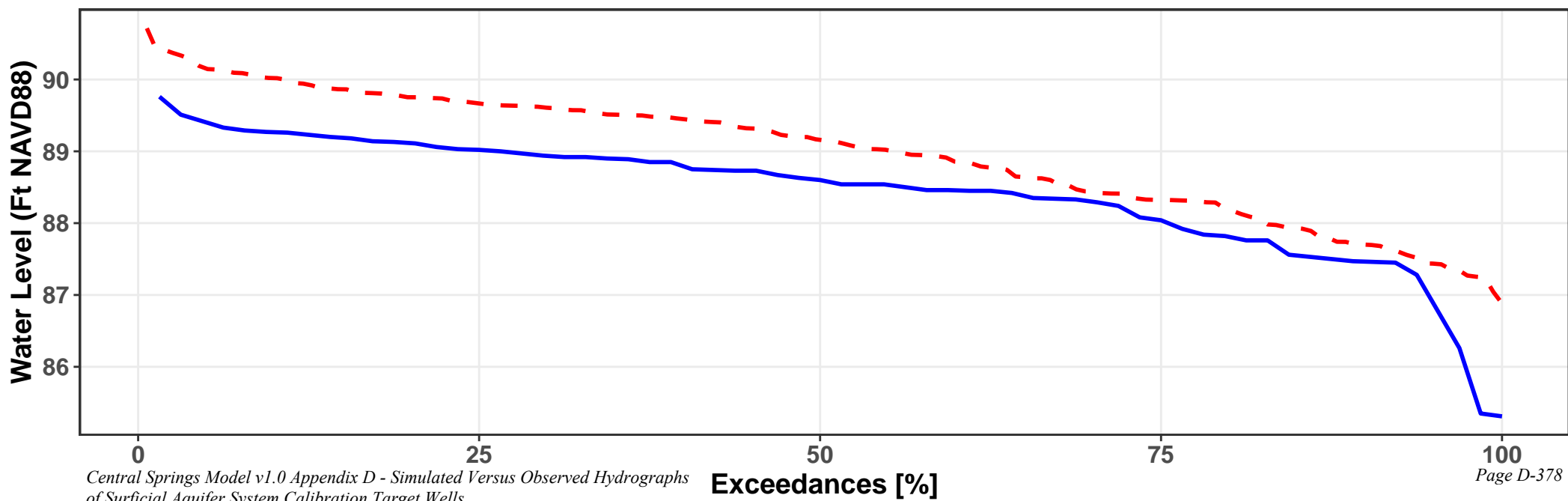
# SID815149 @ Colt Creek State Park 4 Surf

ME = 1 MAE = 1  $R^2 = 0.612$  NSE = -0.815

— Observed - - Simulated



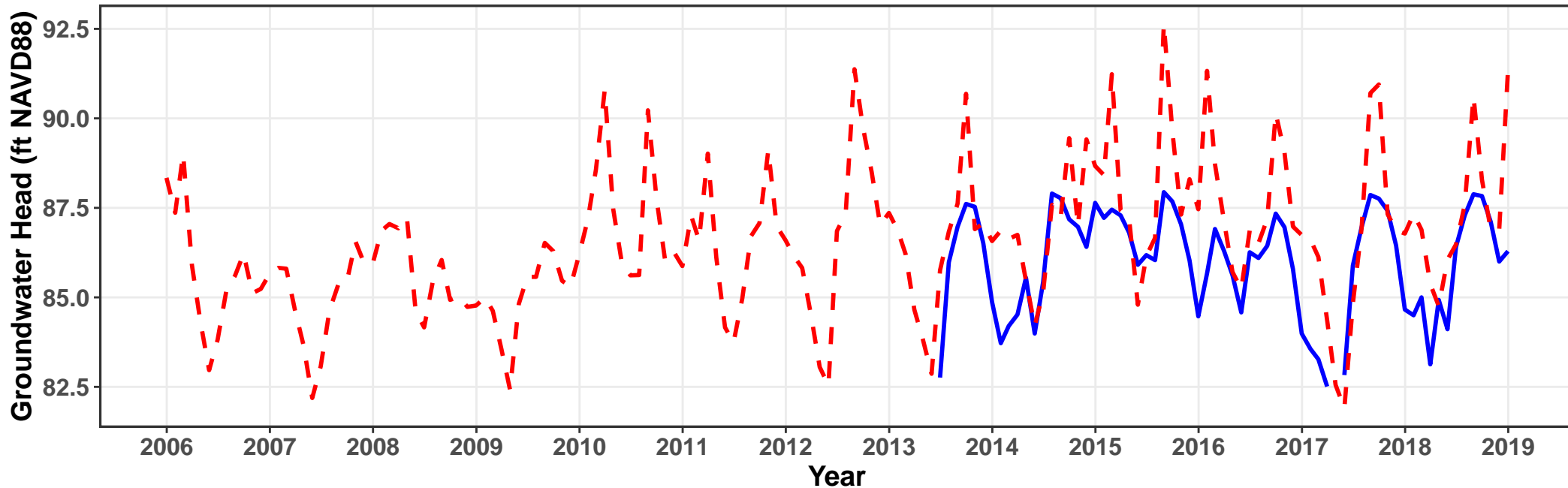
## Stage Duration Curve



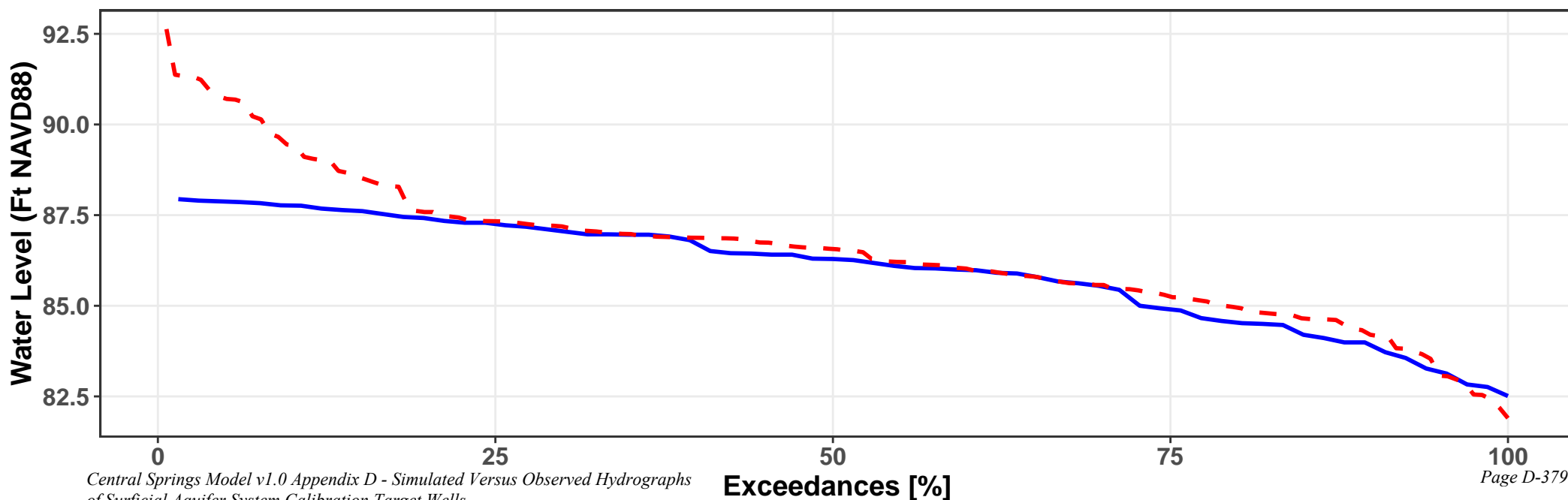
# SID815150 @ Colt Creek State Park 5 Surf

ME = 1.4 MAE = 1.6  $R^2 = 0.4215$  NSE = -0.911

— Observed — Simulated



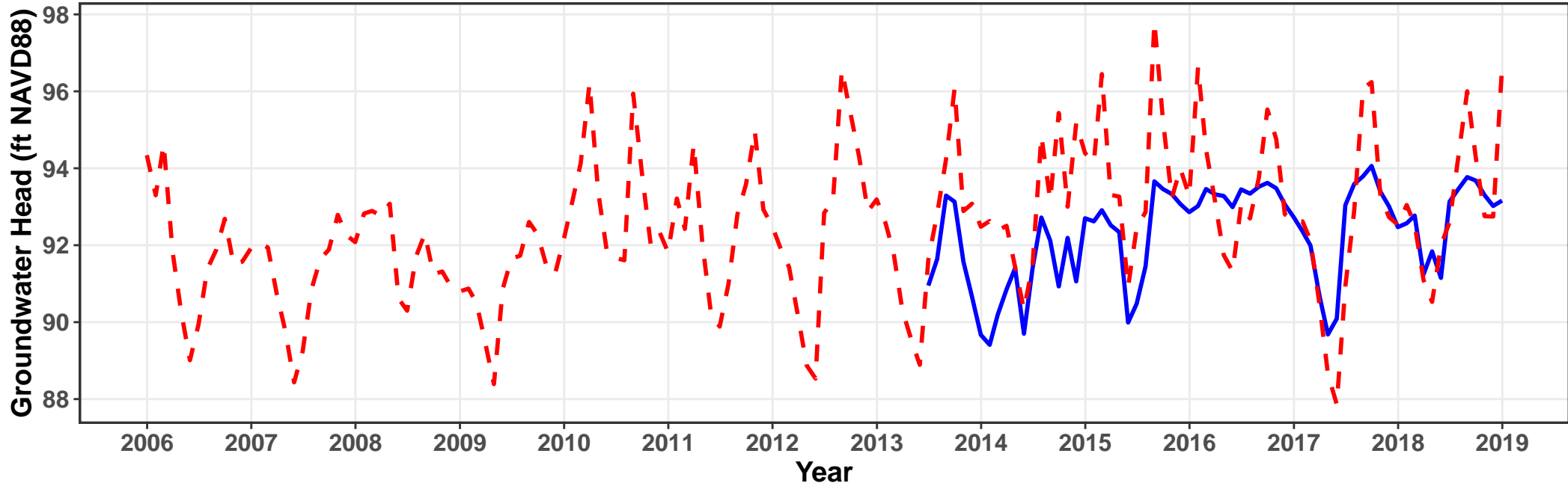
## Stage Duration Curve



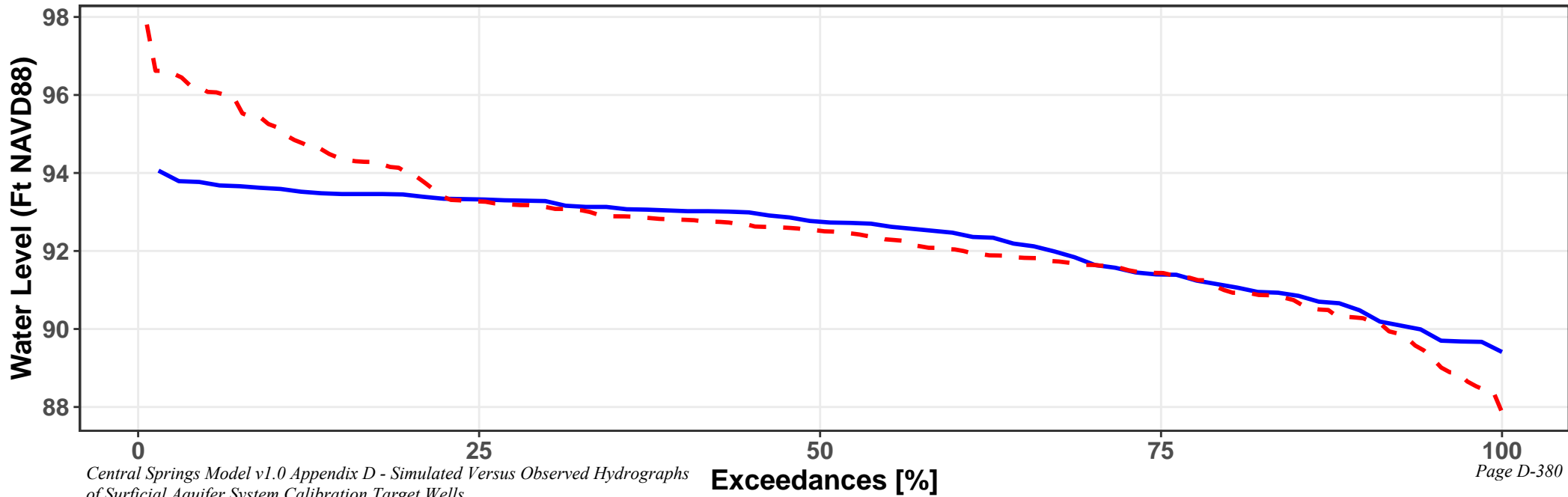
# SID815151 @ Colt Creek State Park 6 Surf

ME = 0.9 MAE = 1.3  $R^2 = 0.3512$  NSE = -0.973

— Observed — Simulated



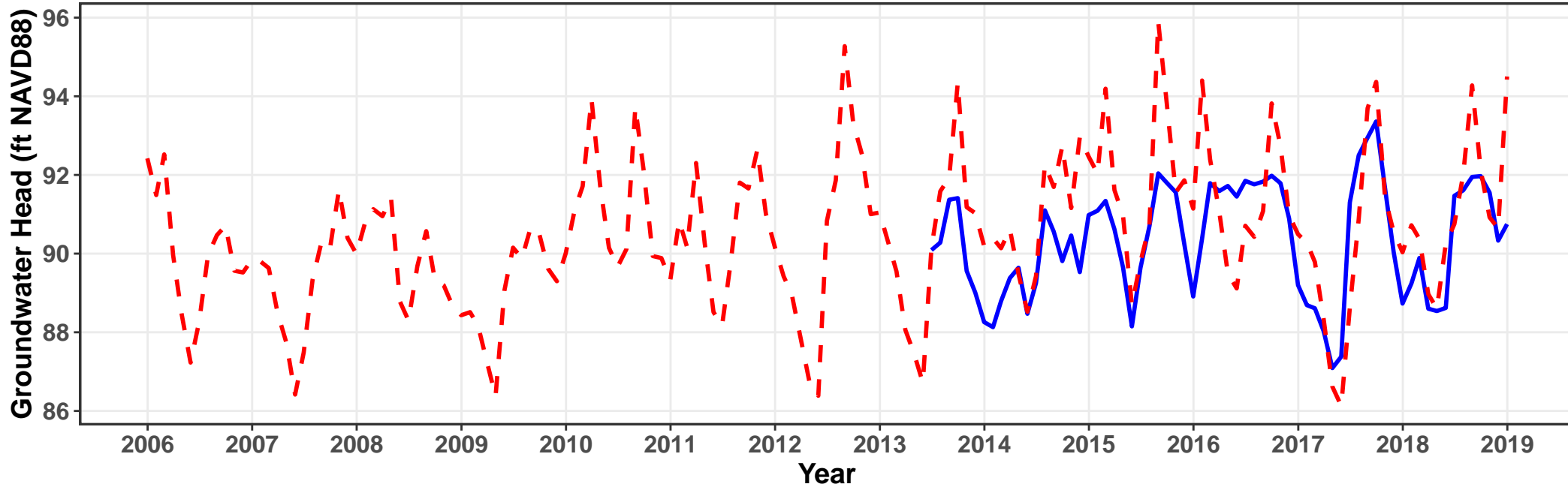
## Stage Duration Curve



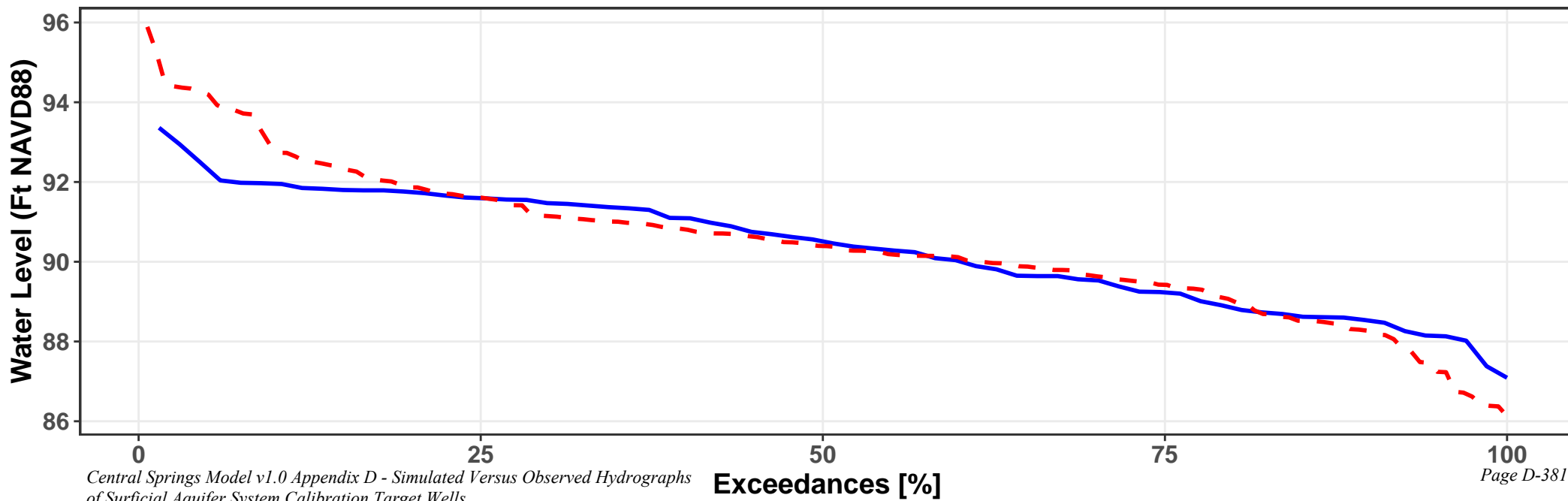
# SID815152 @ Colt Creek State Park 7 Surf

ME = 0.8 MAE = 1.3  $R^2 = 0.4369$  NSE = -0.283

— Observed — Simulated



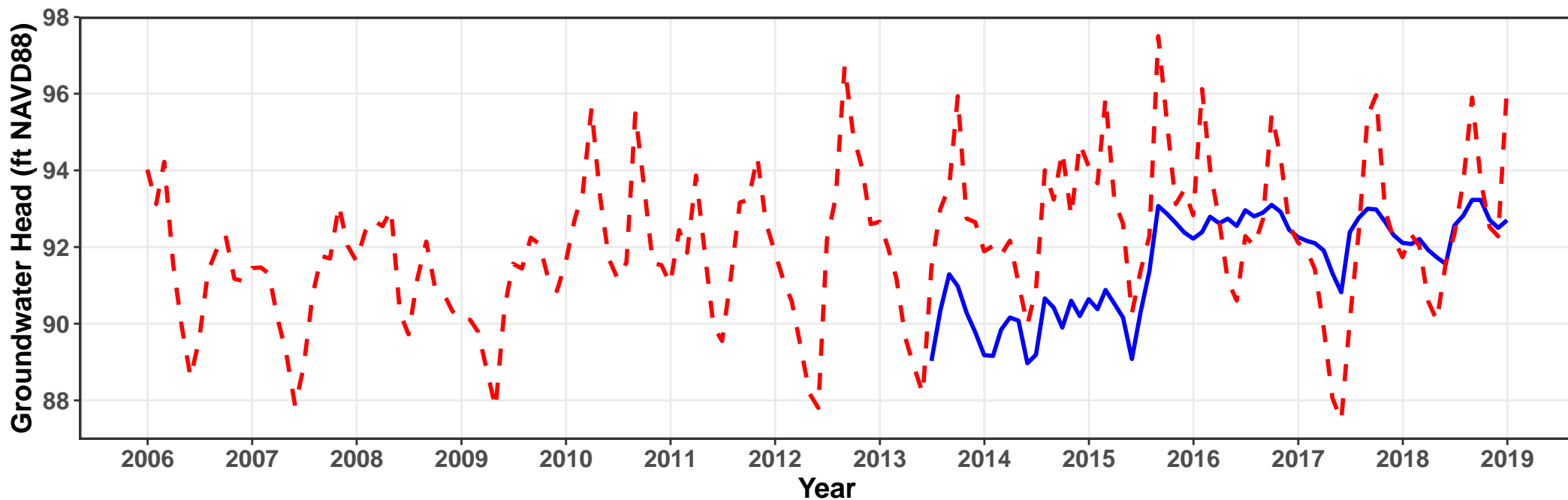
## Stage Duration Curve



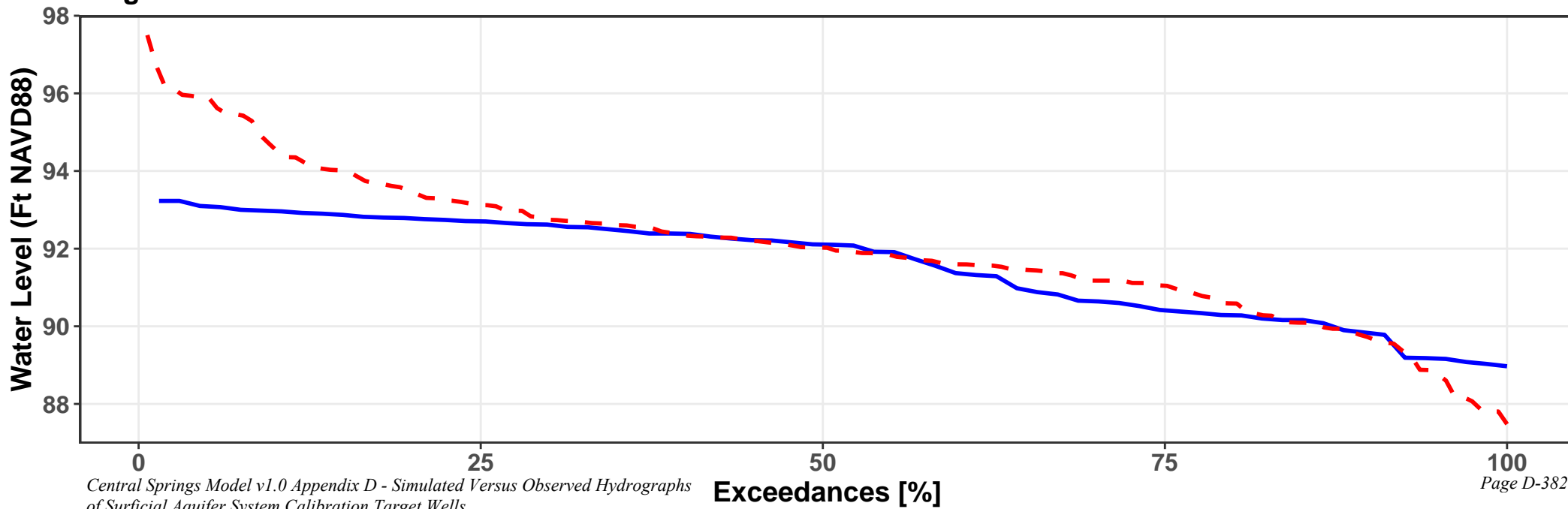
# SID815153 @ Colt Creek State Park 8 Surf

ME = 1.2 MAE = 1.8  $R^2 = 0.0937$  NSE = -2.136

— Observed — Simulated



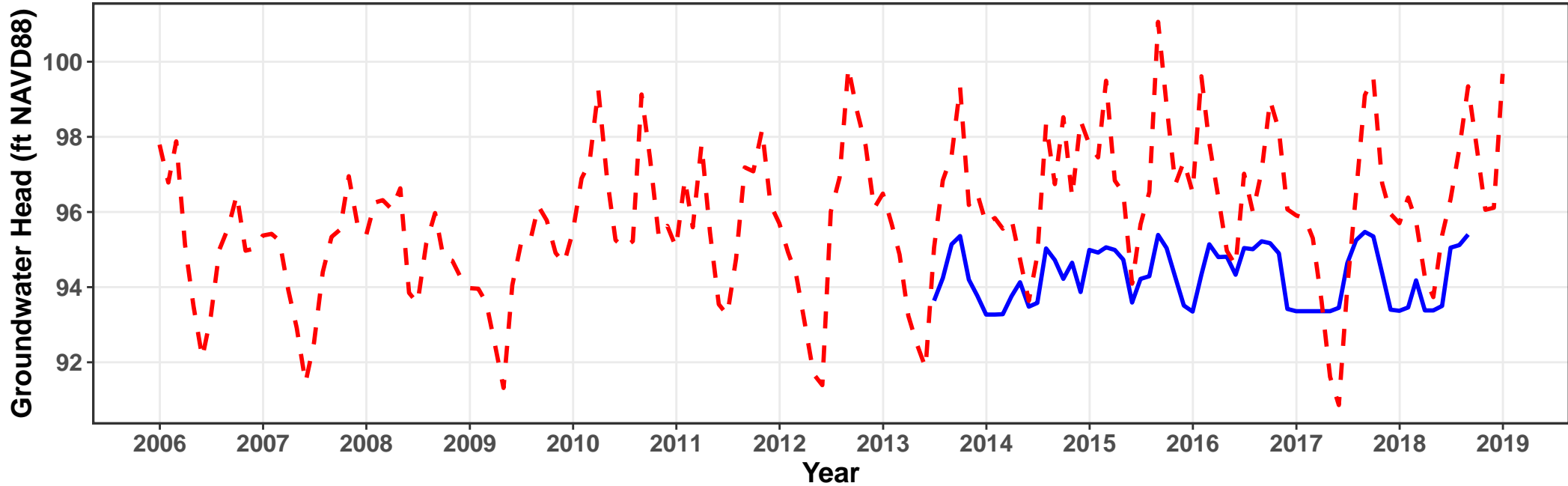
## Stage Duration Curve



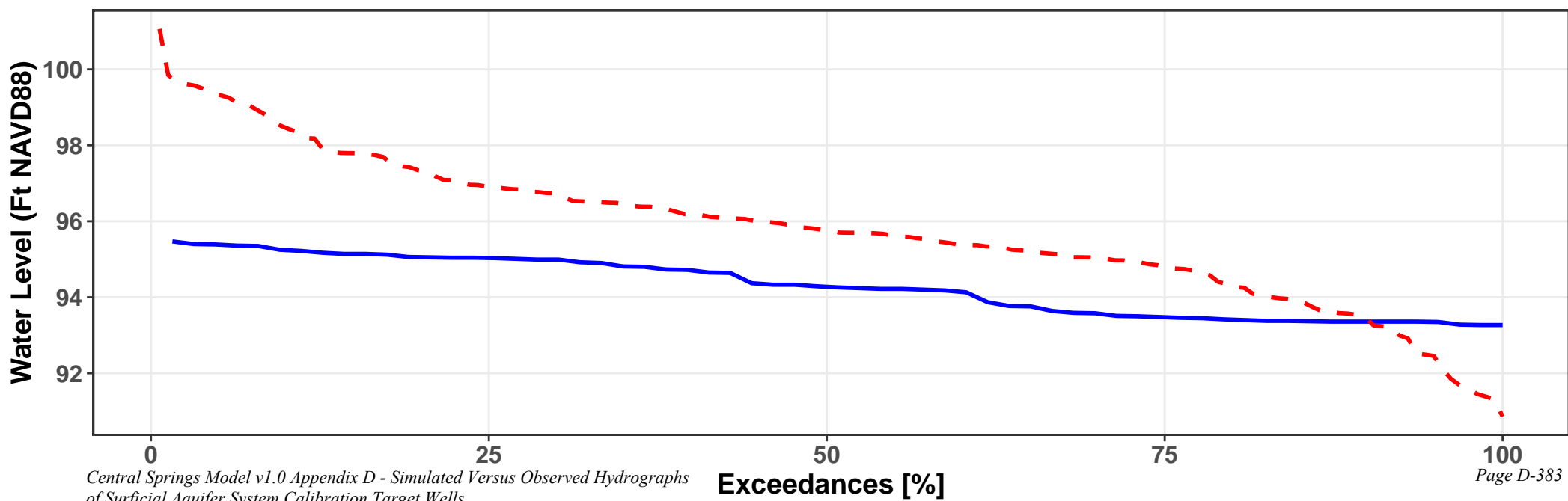
# SID815156 @ Colt Creek State Park Fussell 9 Surf

ME = 2.2 MAE = 2.3  $R^2 = 0.44$  NSE = -11.677

— Observed — Simulated



## Stage Duration Curve

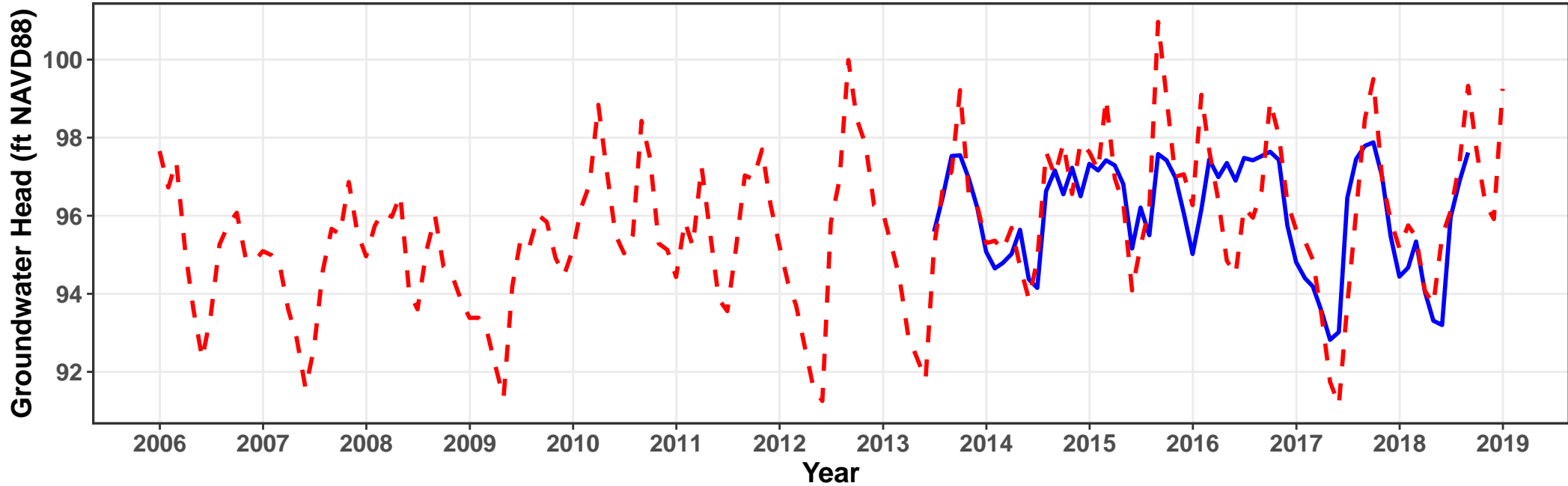




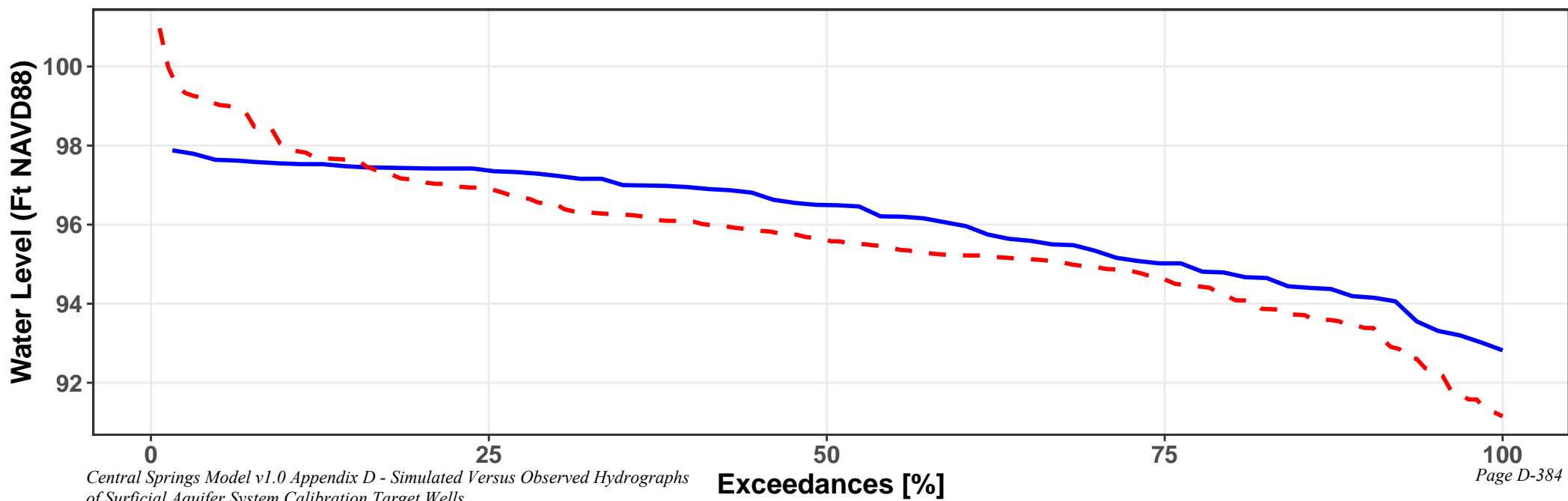
# SID815157 @ Colt Creek State Park Fussell 10 Surf

ME = 0.2 MAE = 0.9  $R^2 = 0.5802$  NSE = 0.257

— Observed — Simulated



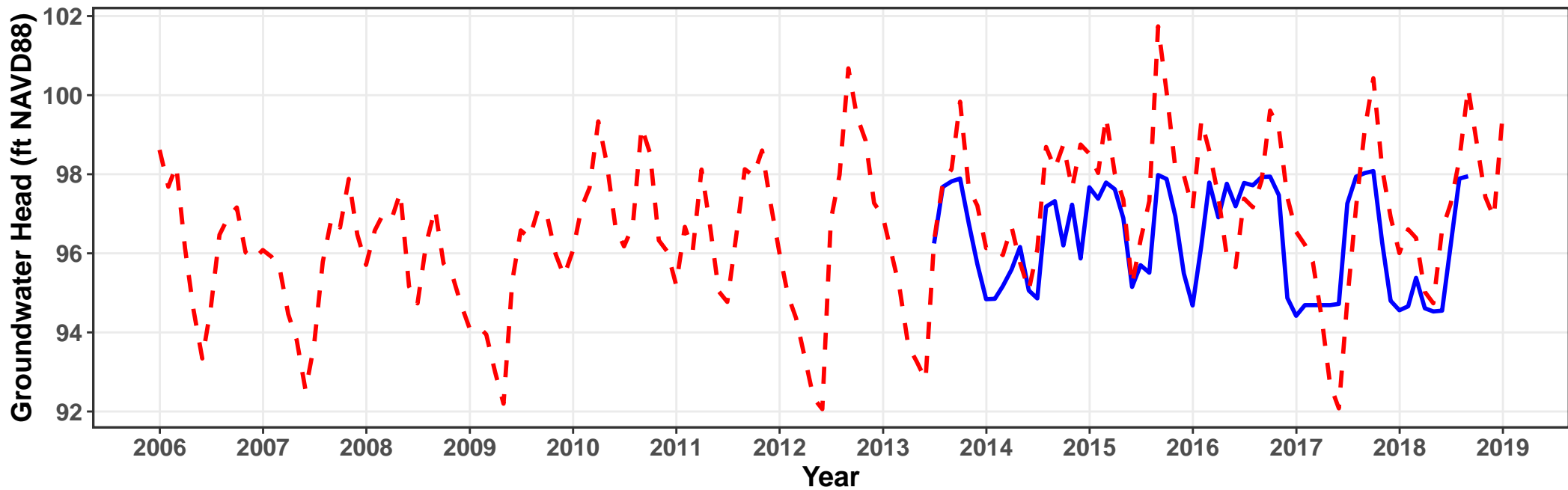
## Stage Duration Curve



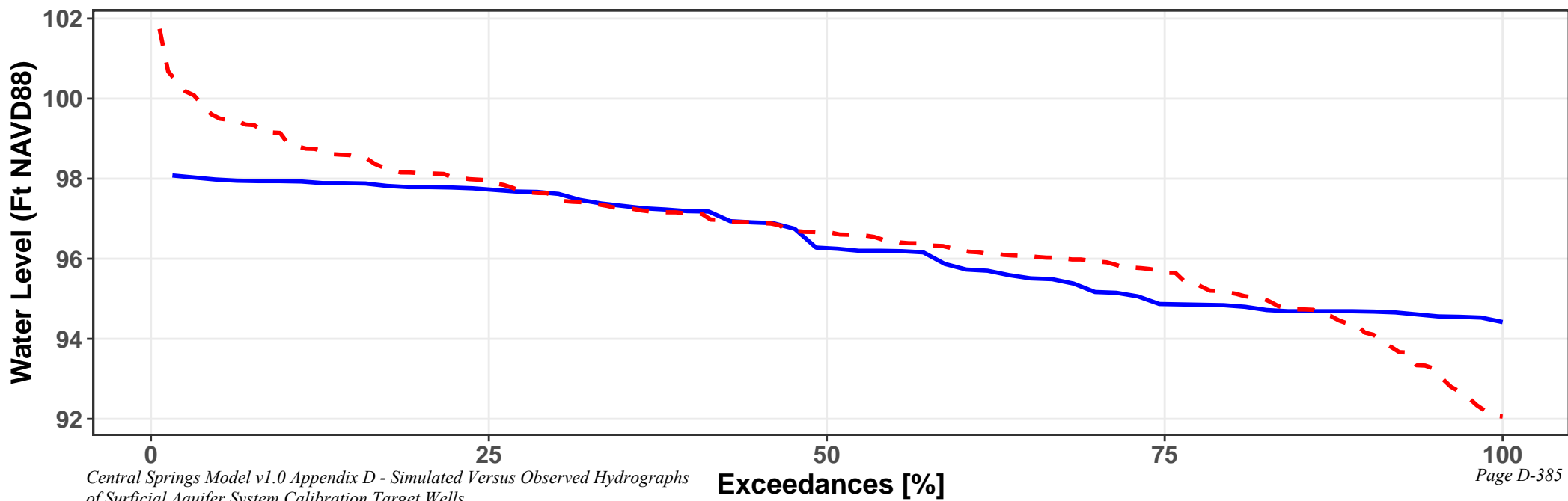
# SID815158 @ Colt Creek State Park Fussell 11 Surf

ME = 0.9 MAE = 1.3  $R^2 = 0.4591$  NSE = -0.503

— Observed — Simulated



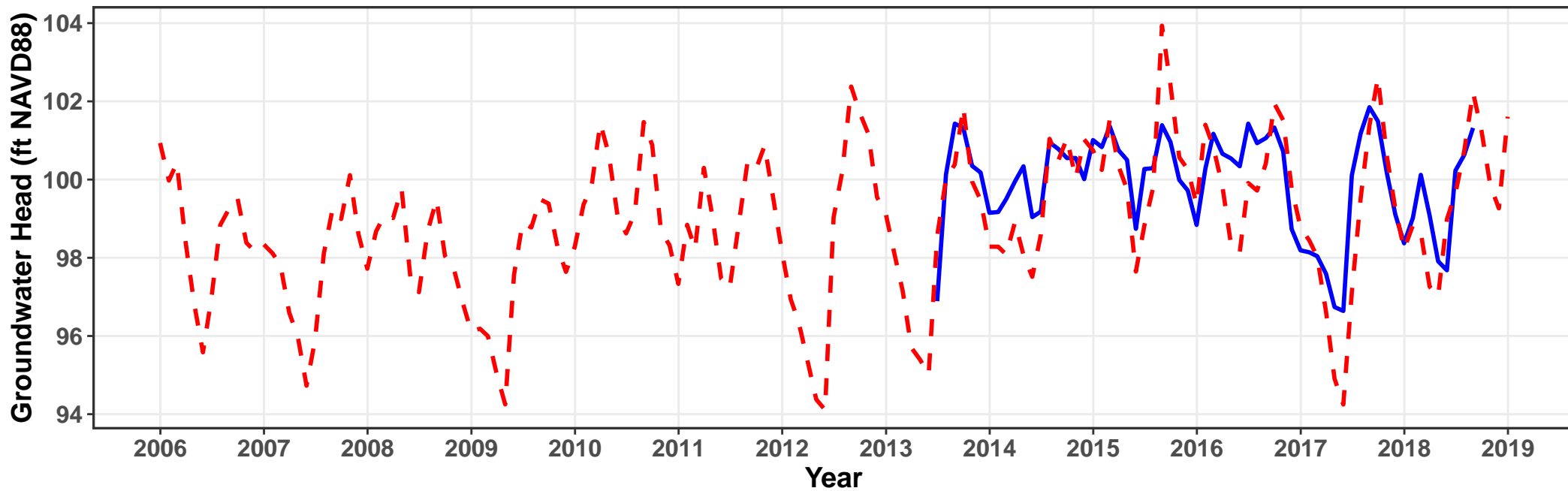
## Stage Duration Curve



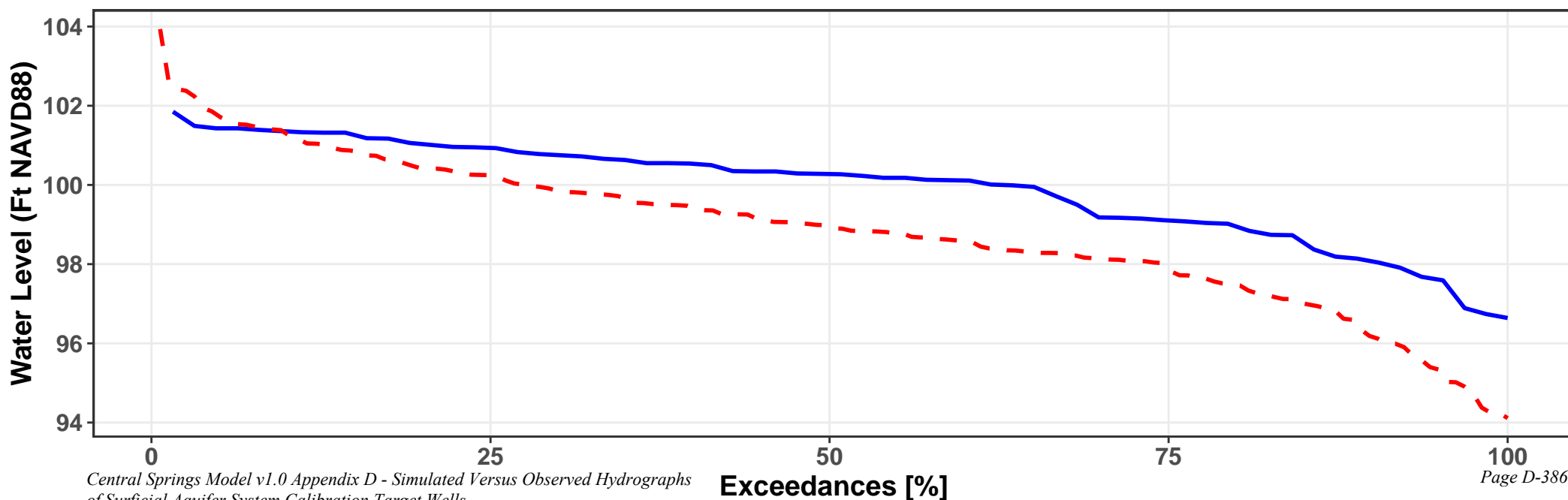
# SID815159 @ Colt Creek State Park Fussell 12 Surf

ME = -0.4 MAE = 0.9  $R^2 = 0.6101$  NSE = 0.174

— Observed — Simulated



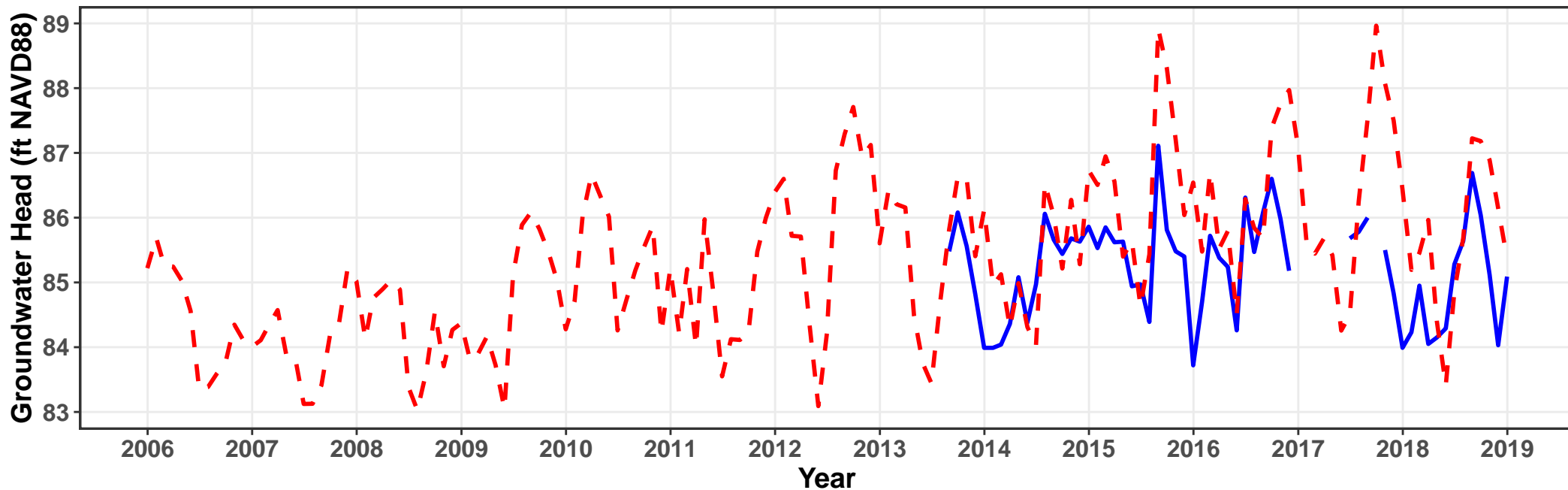
## Stage Duration Curve



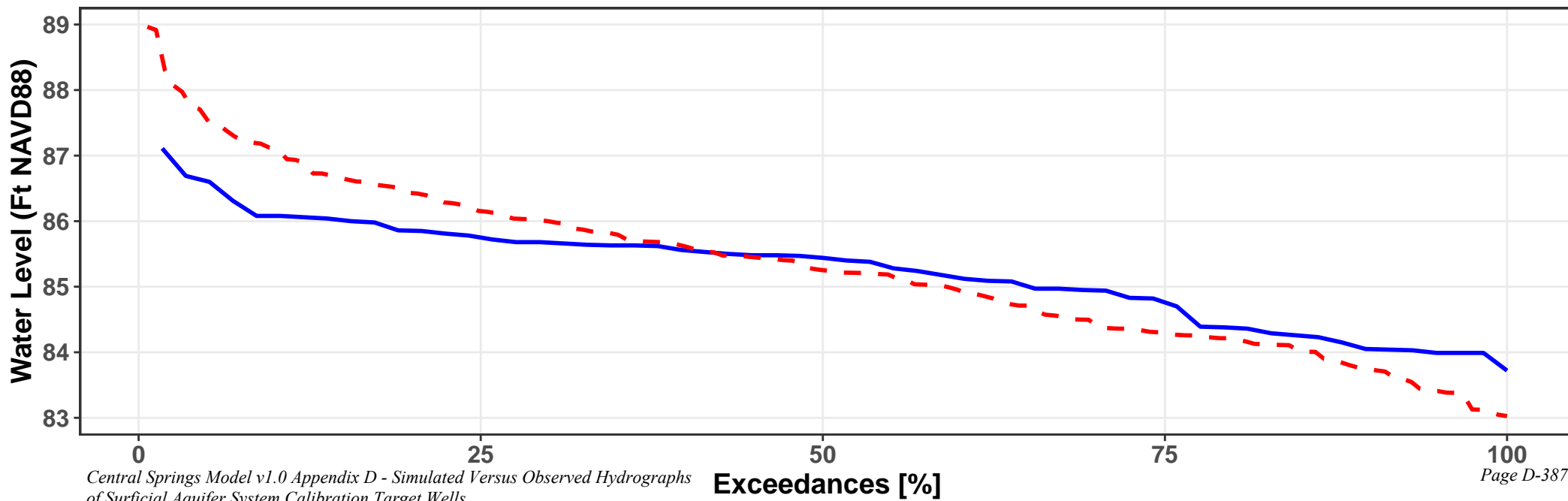
# SID816358 @ Colt Creek State Park 2 Surf

ME = 0.8 MAE = 1  $R^2 = 0.3037$  NSE = -1.596

— Observed — Simulated



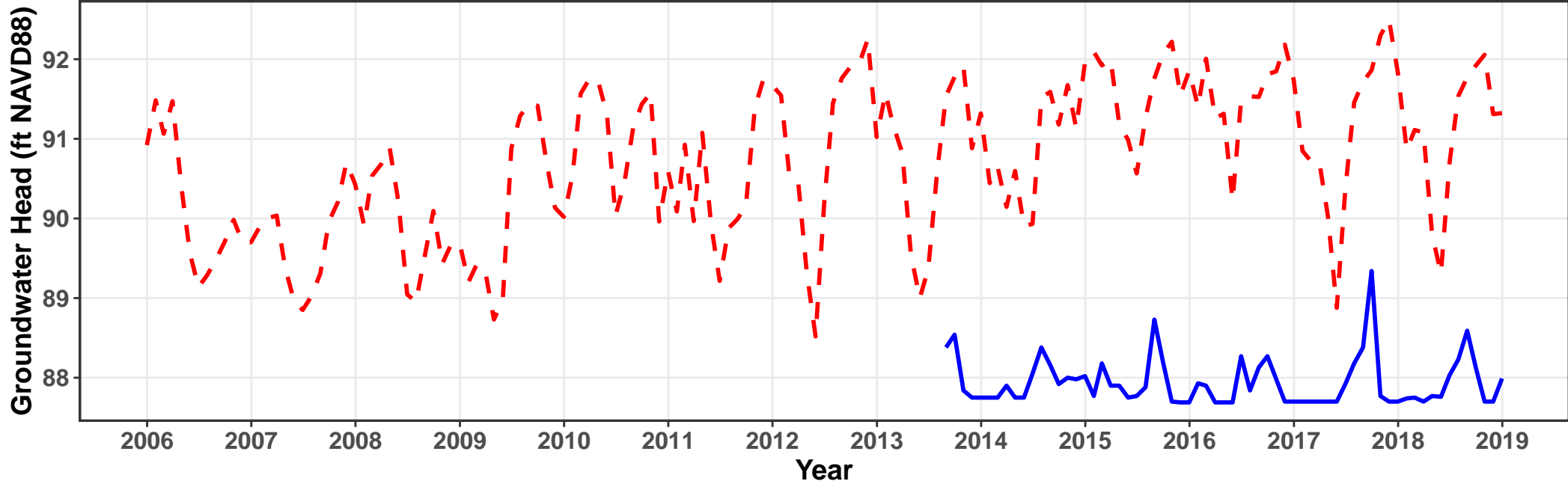
## Stage Duration Curve



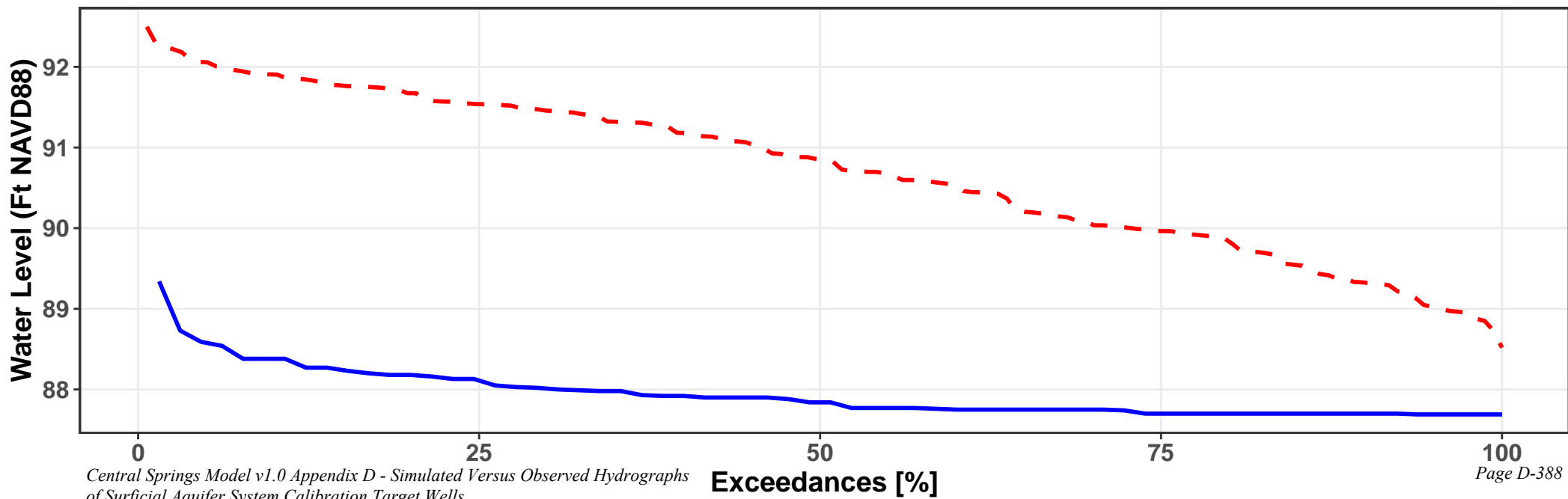
# SID816359 @ Colt Creek State Park 3 Surf

ME = 3.3 MAE = 3.3  $R^2 = 0.0906$  NSE = -120.689

— Observed — Simulated



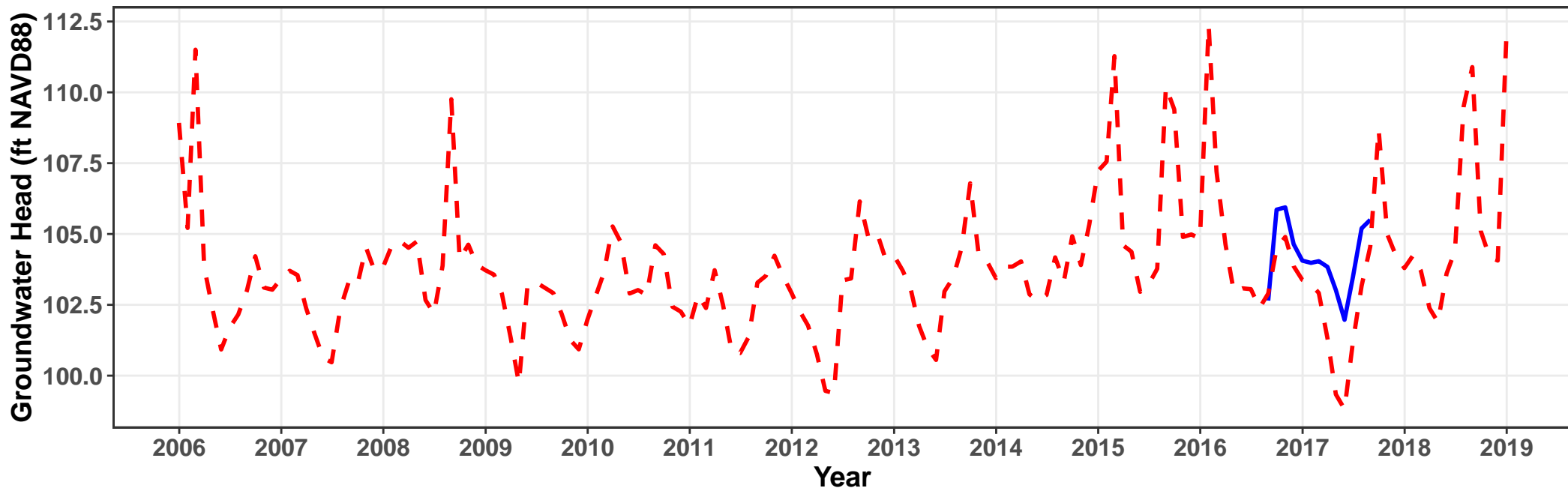
## Stage Duration Curve



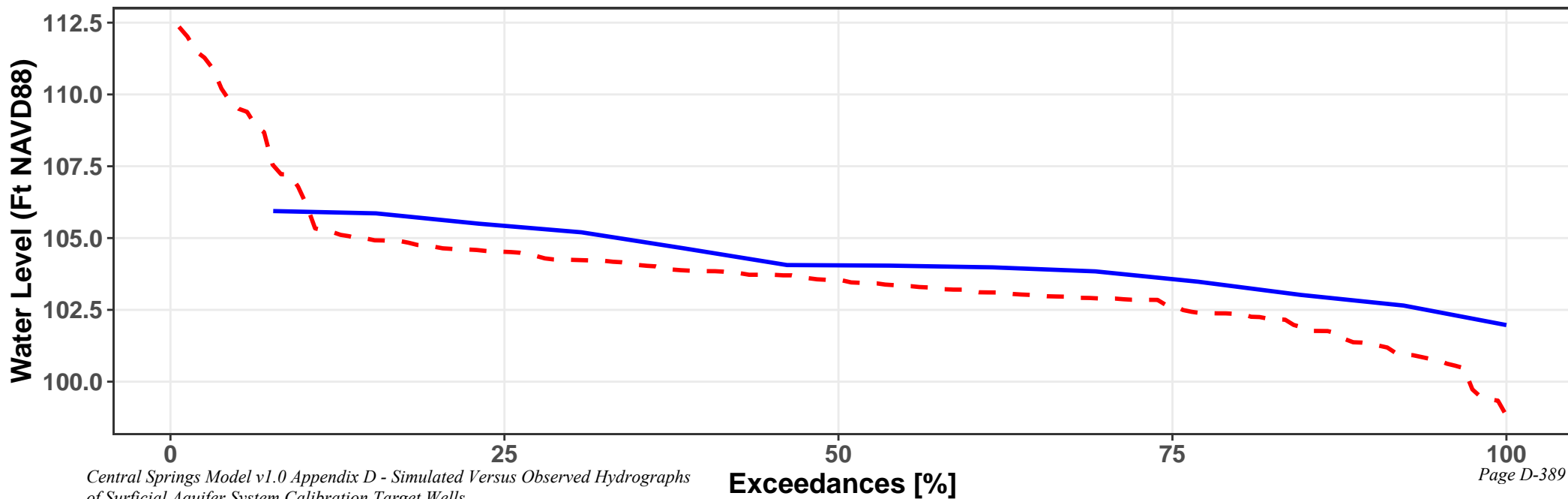
# SID838363 @ Pasture Reserve Surf (L-1059)

ME = -1.5 MAE = 1.6  $R^2 = 0.7038$  NSE = -1.537

— Observed — Simulated



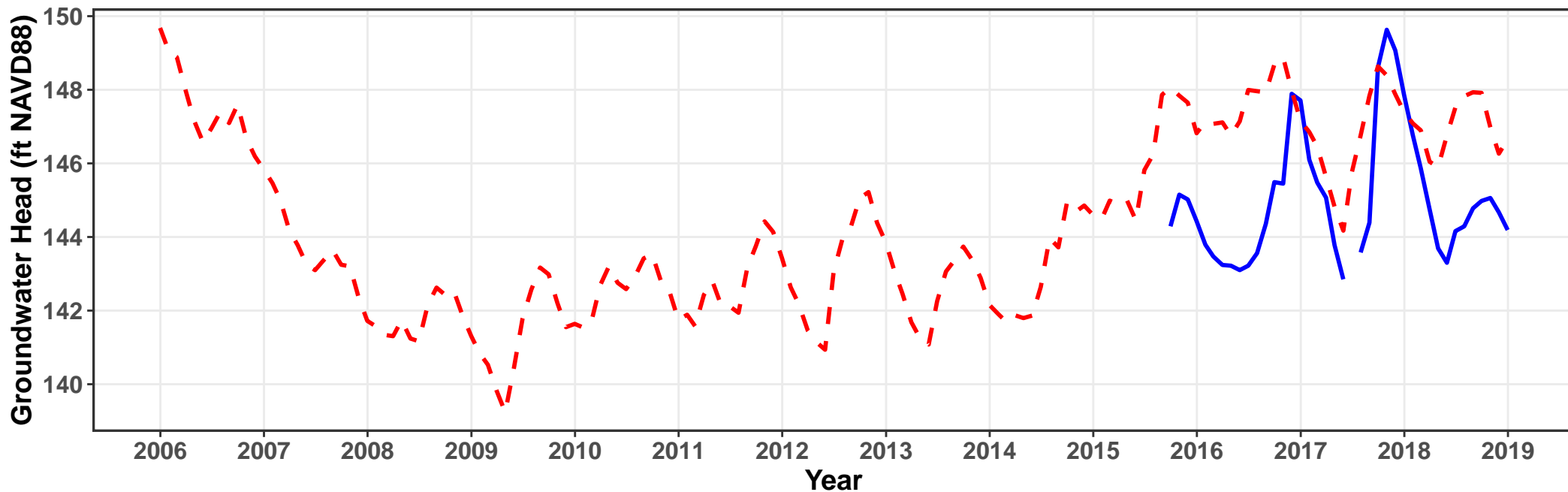
## Stage Duration Curve



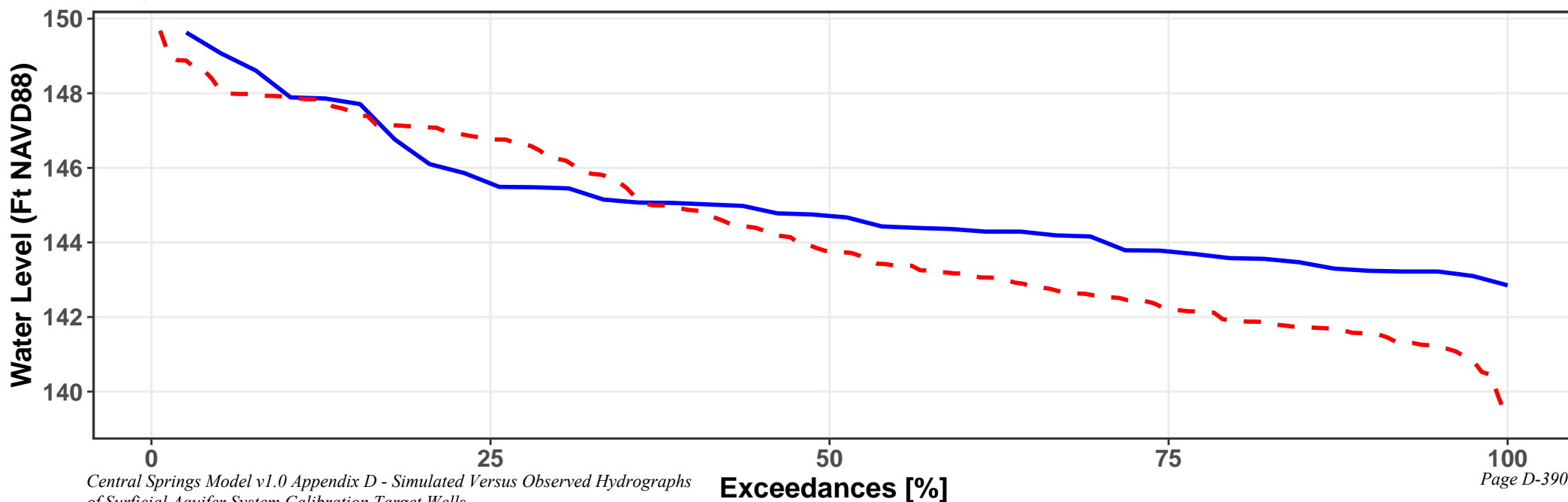
# SID852212 @ Ridge WRAP P-1 Surf Repl

ME = 2.2 MAE = 2.3  $R^2 = 0.1617$  NSE = -1.445

— Observed — Simulated



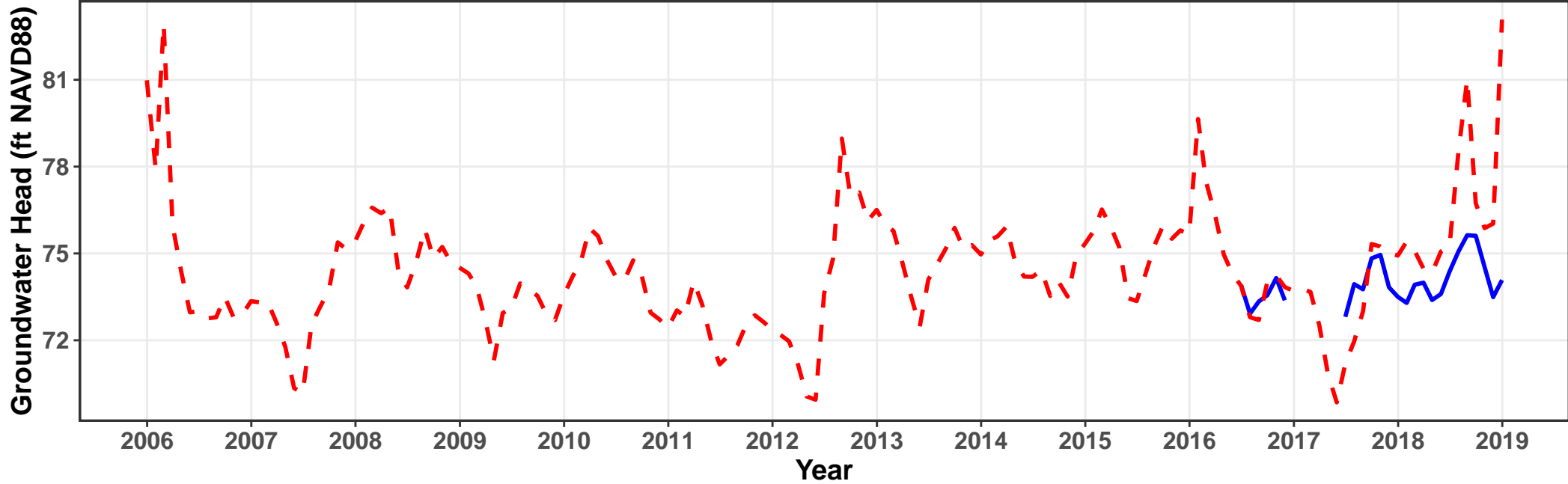
## Stage Duration Curve



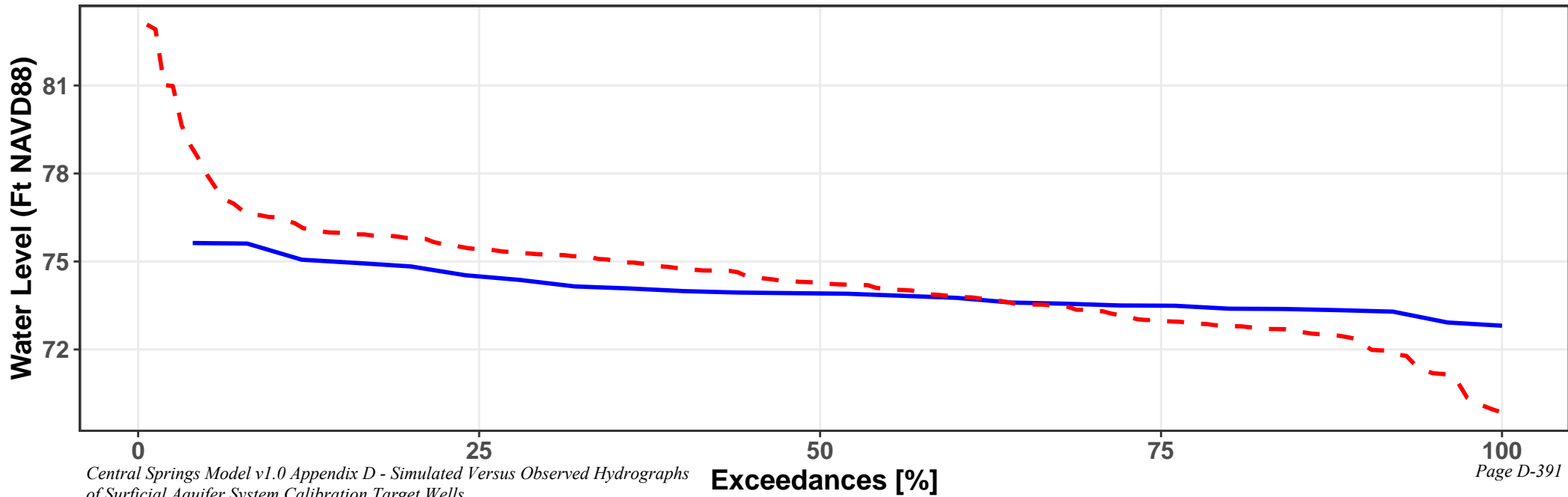
# SID868767 @ Boggy Road Upland Surf Aq Monitor

ME = 1.2 MAE = 1.6  $R^2 = 0.3528$  NSE = -10.193

— Observed — Simulated



## Stage Duration Curve

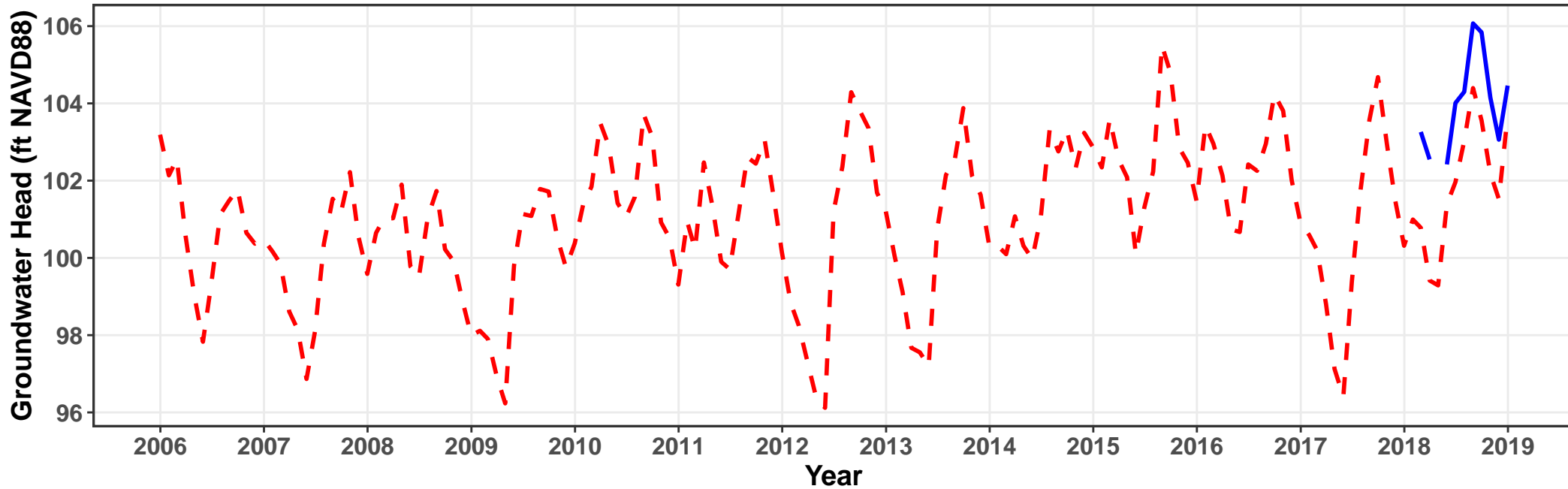




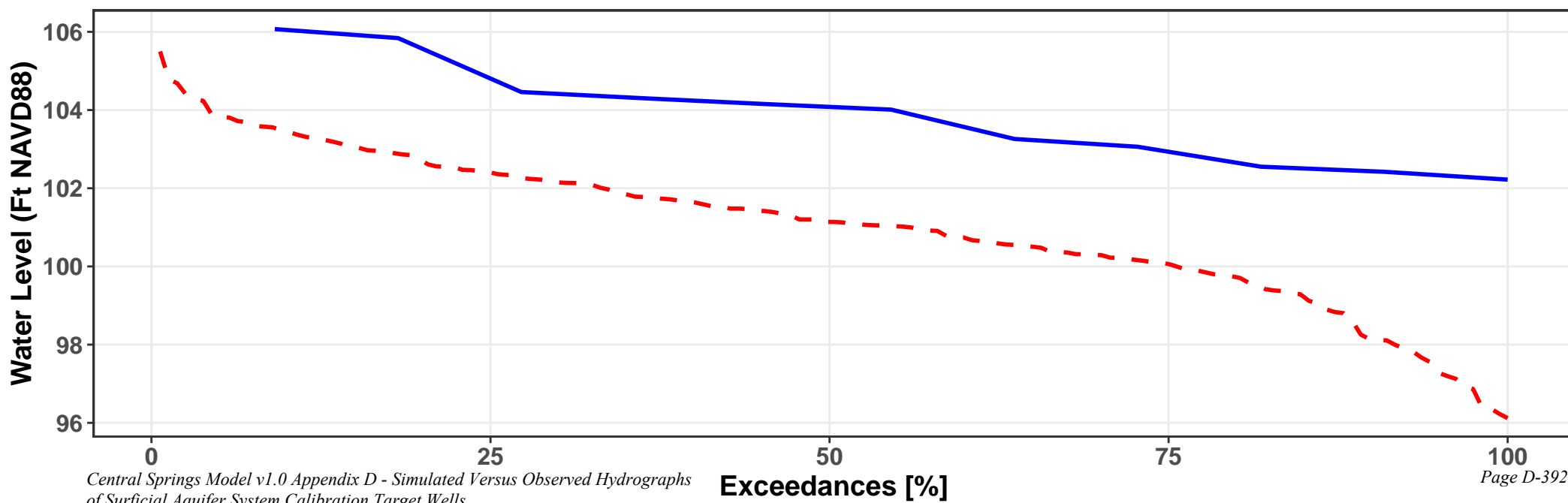
# SID891849 @ ROMP 87 Surf Aq Monitor

ME = -1.8 MAE = 1.8  $R^2 = 0.8095$  NSE = -1.437

— Observed — Simulated



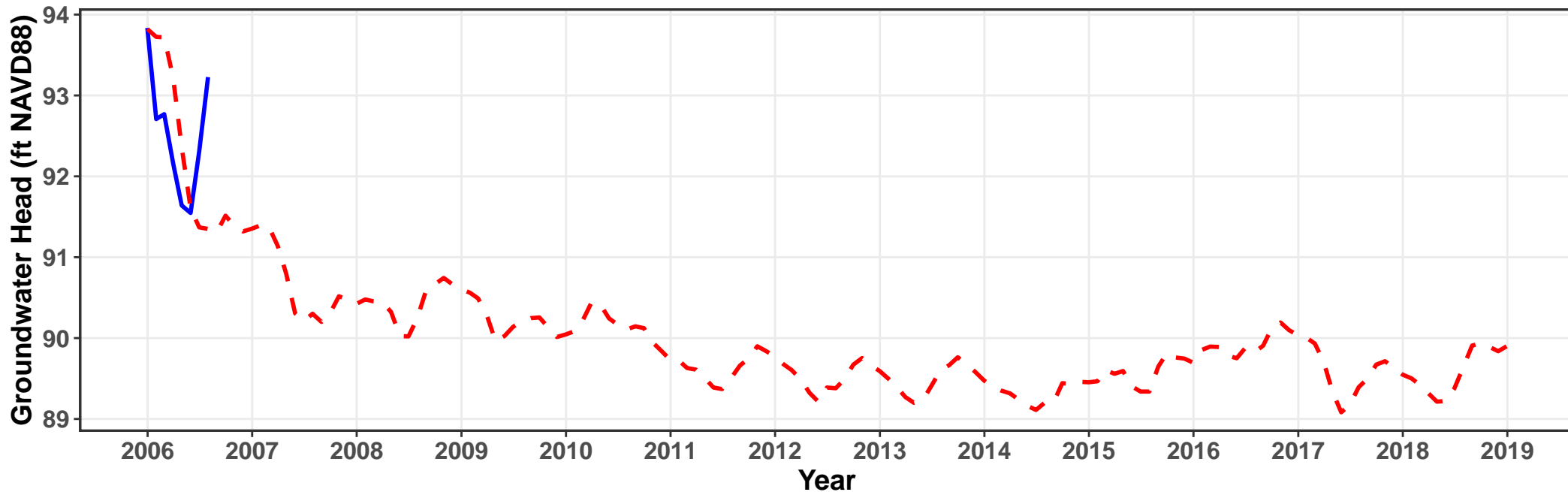
## Stage Duration Curve



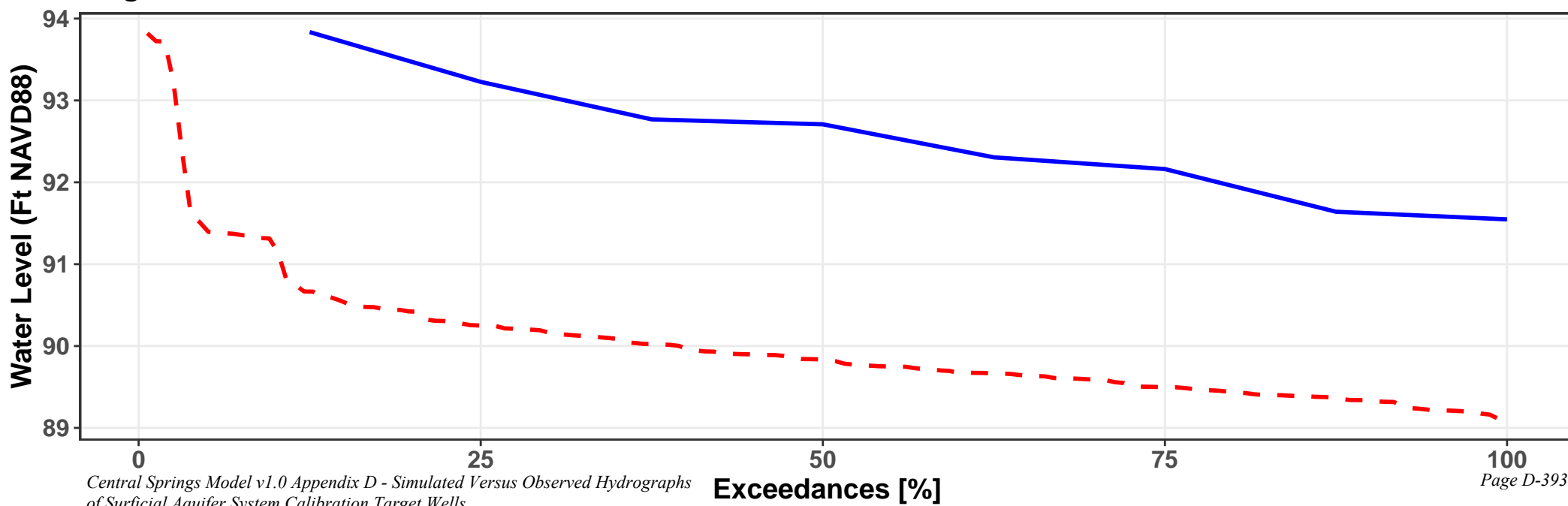
# TAFT @ T0962

ME = 0.1 MAE = 0.8  $R^2 = 0.1645$  NSE = -0.891

— Observed - - Simulated



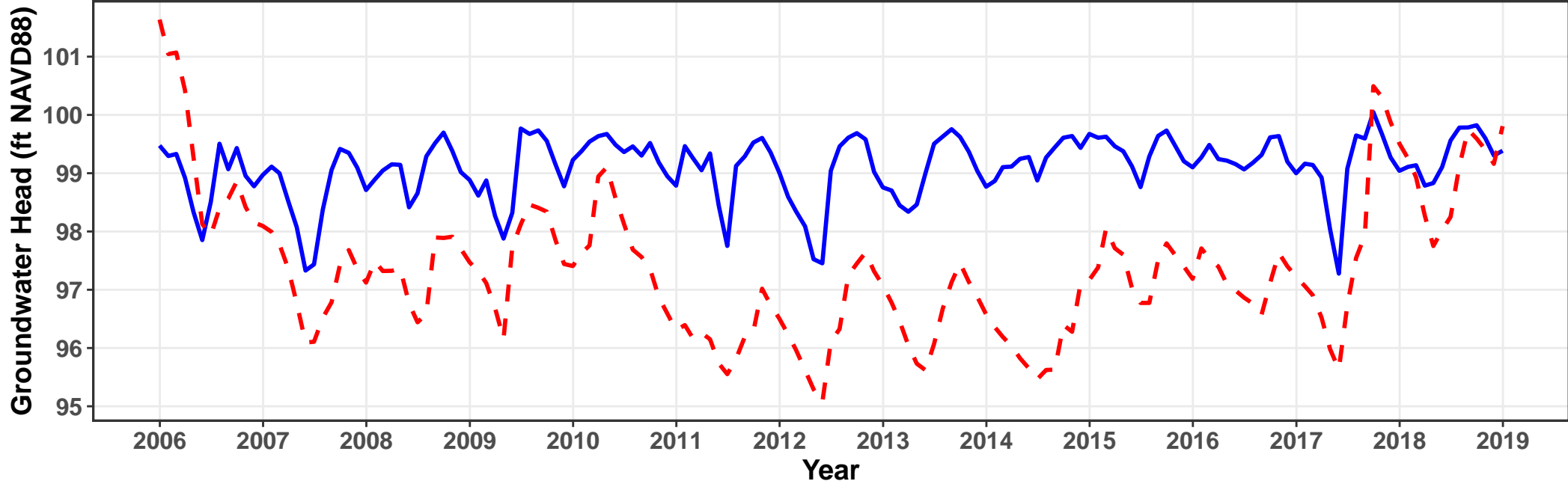
## Stage Duration Curve



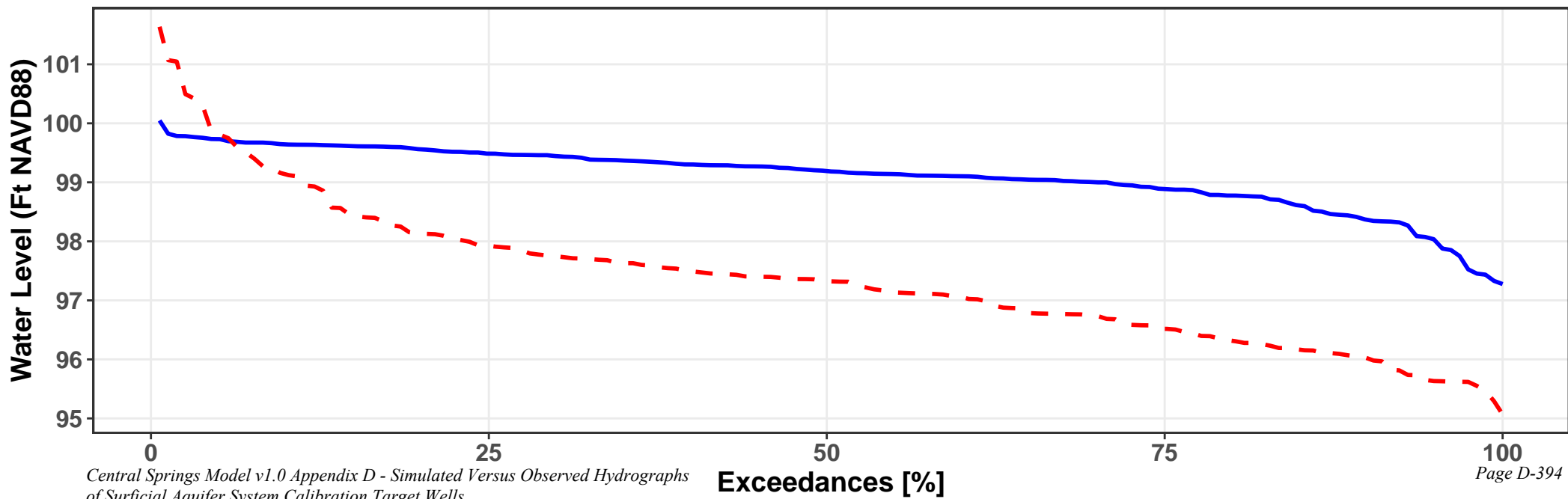
# TB1\_GW2 @ PT533

ME = -1.7 MAE = 1.9  $R^2 = 0.188$  NSE = -13.481

— Observed - - Simulated



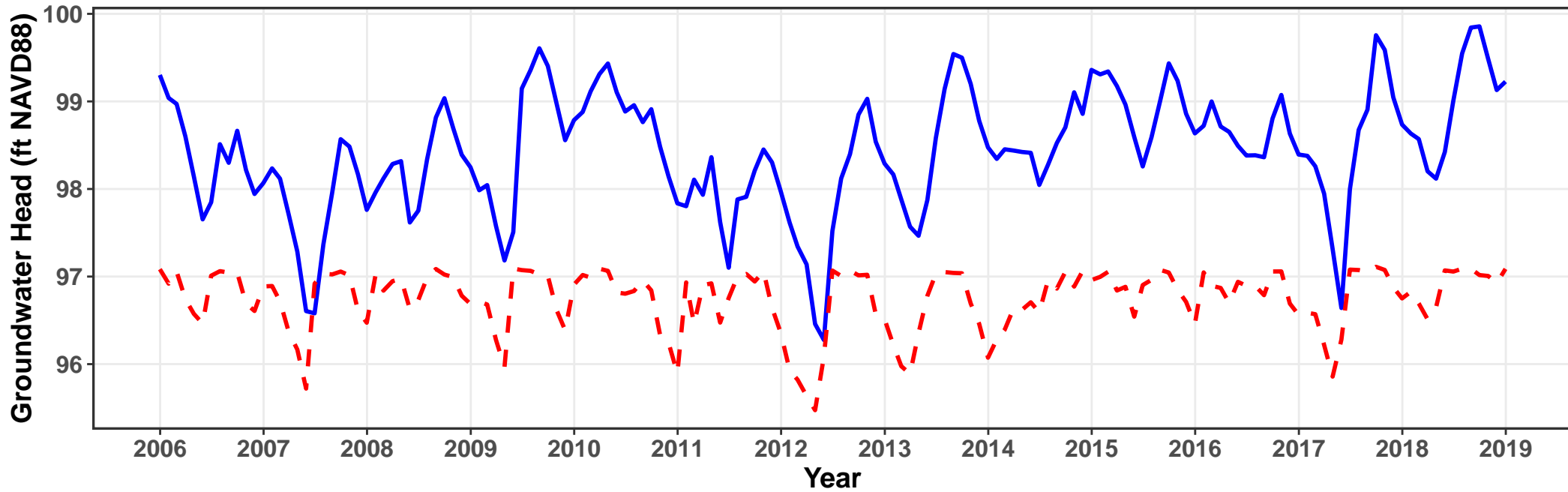
## Stage Duration Curve



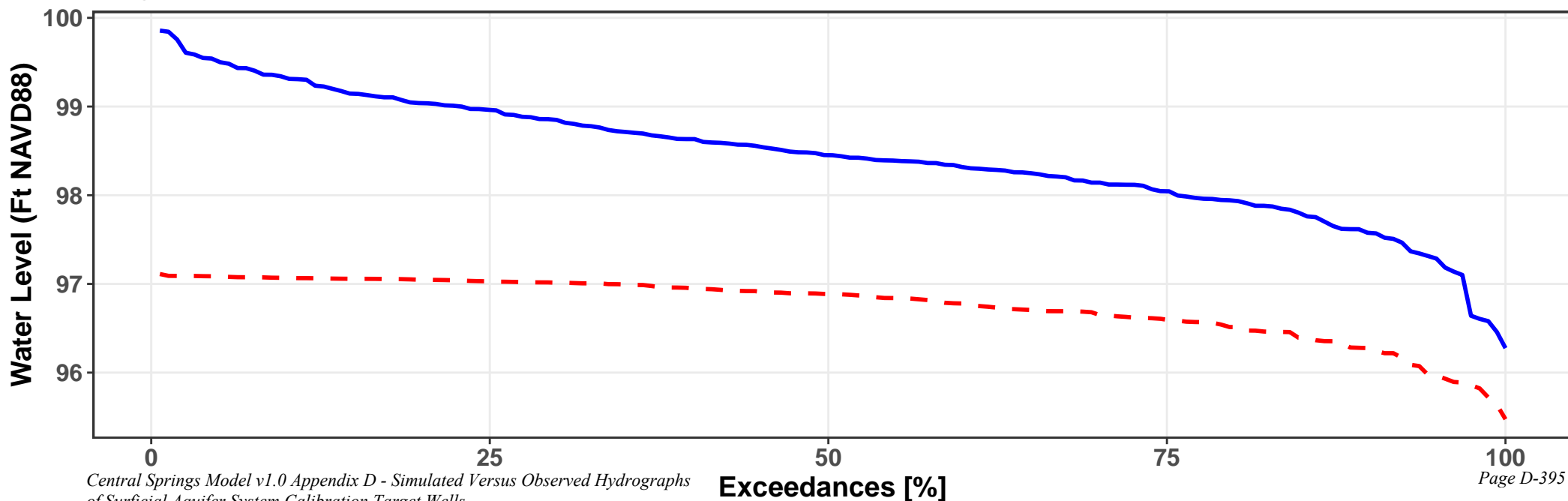
# TB3\_GW2 @ PT506

ME = -1.7 MAE = 1.7  $R^2 = 0.3961$  NSE = -5.506

— Observed - - Simulated



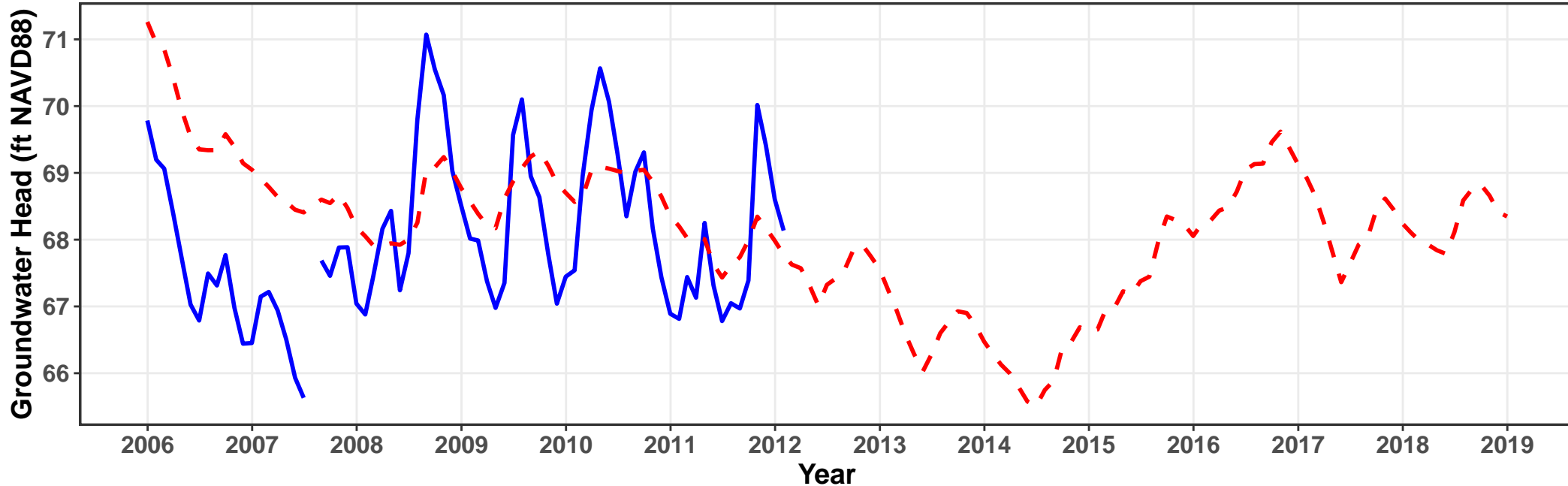
## Stage Duration Curve



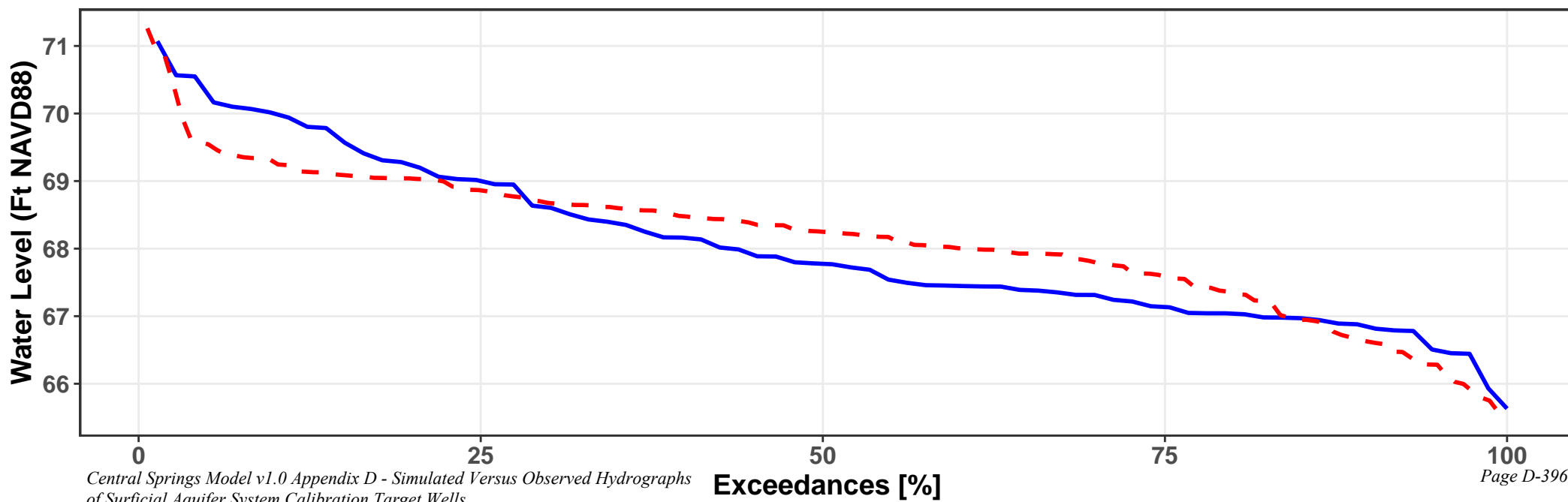
# TOHO12\_GW @ LR000

ME = 0.7 MAE = 1.2  $R^2 = 0.1167$  NSE = -0.302

— Observed — Simulated



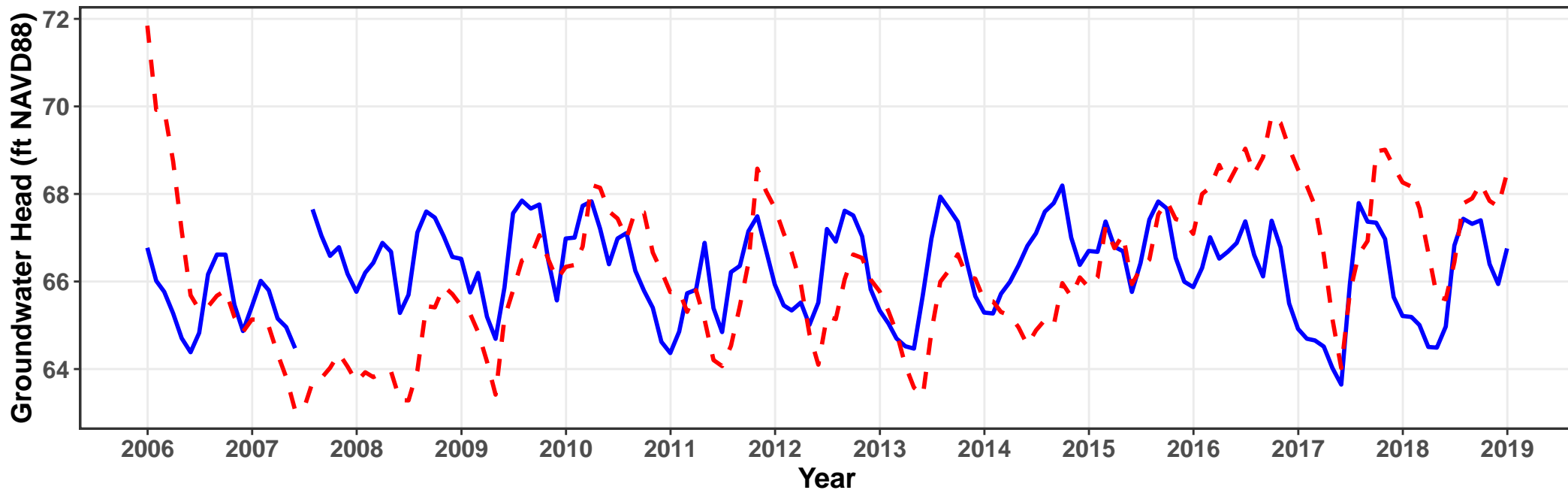
## Stage Duration Curve



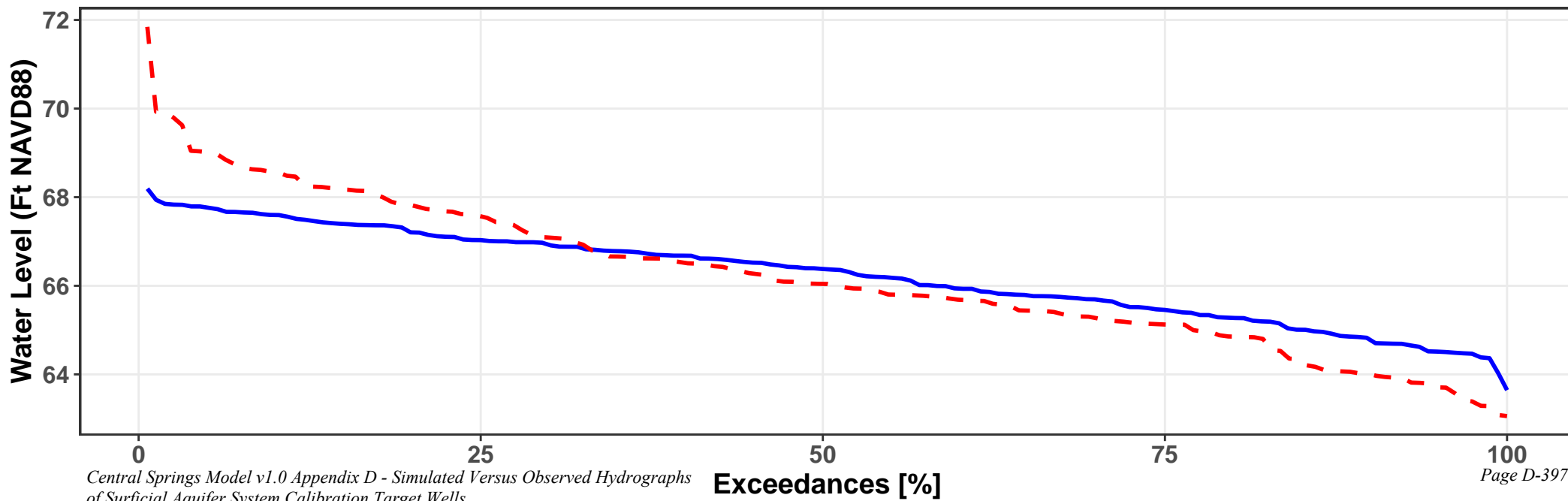
# TOHO07\_GW @ LQ994

ME = 0 MAE = 1.4  $R^2 = 0.0591$  NSE = -1.882

— Observed — Simulated



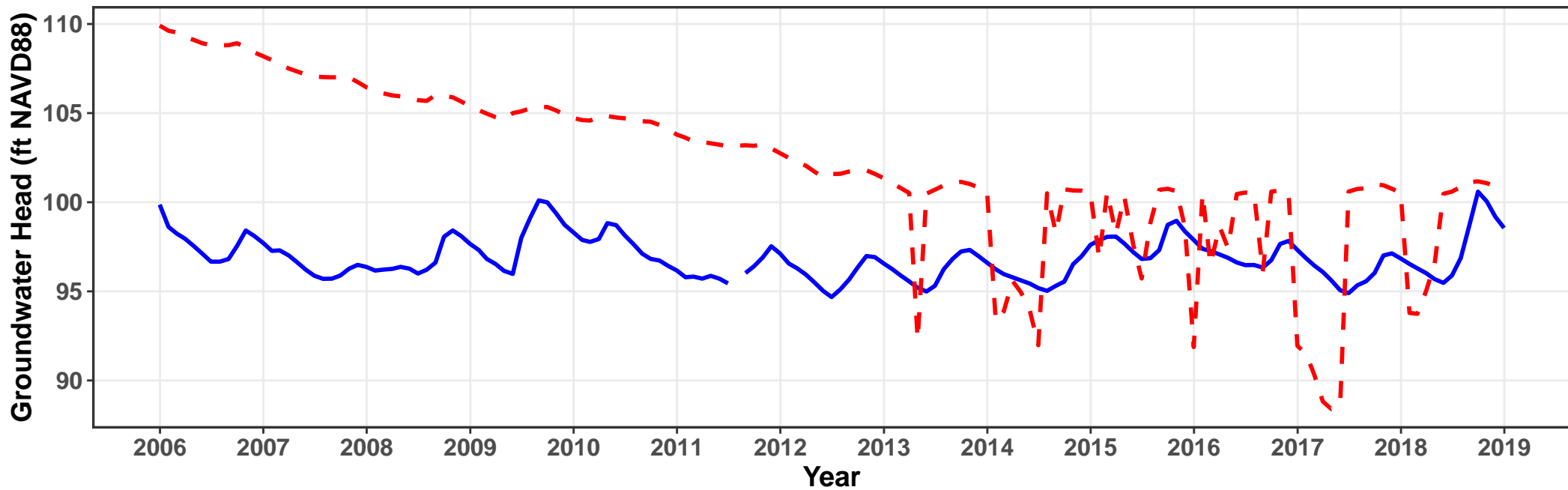
## Stage Duration Curve



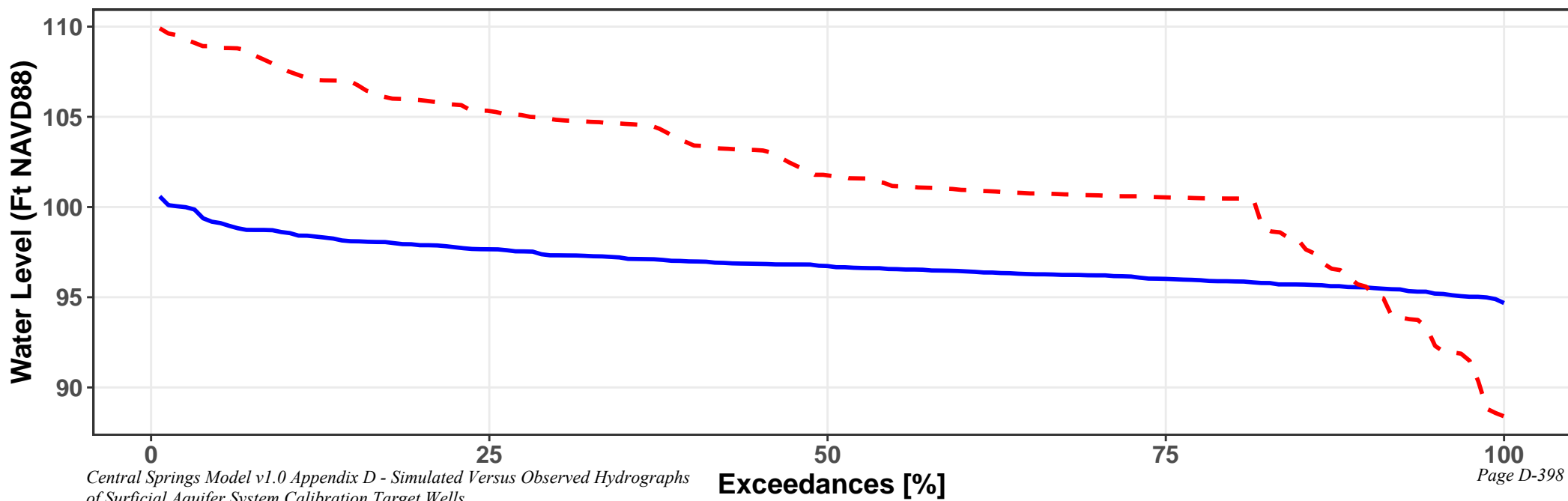
# TURLAK\_GW1 @ PT644

ME = 5.1 MAE = 6  $R^2 = 0.0813$  NSE = -31.913

— Observed — Simulated



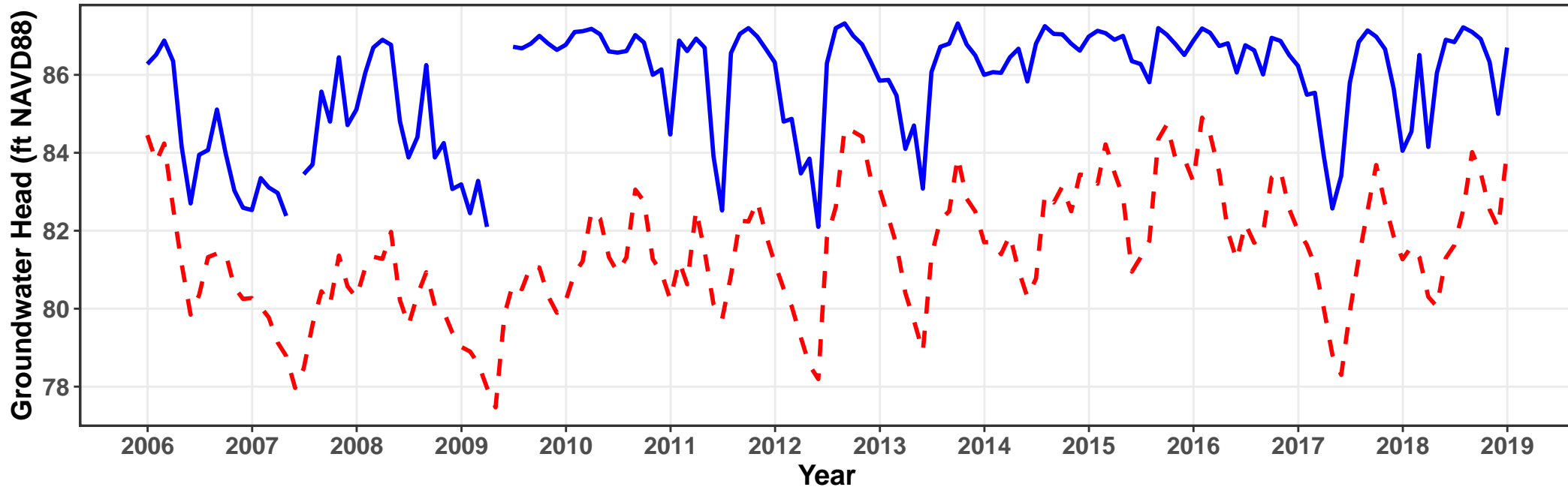
## Stage Duration Curve



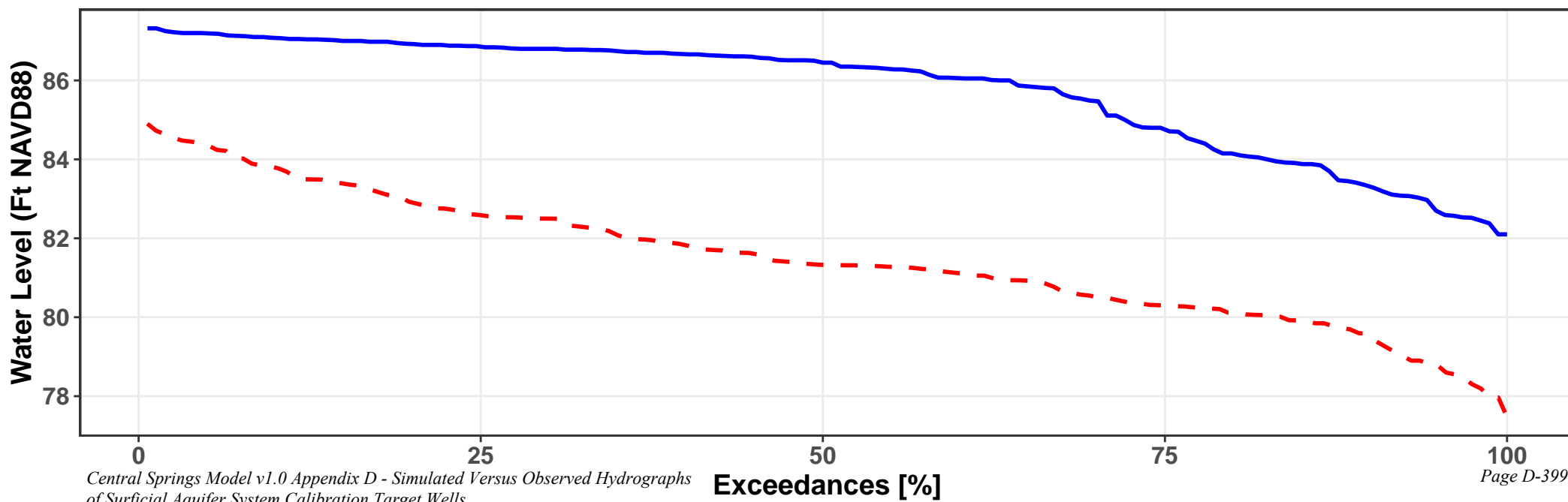
# SID17512 @ Green Swamp West Cypress Wetland Surf

ME = -4.2 MAE = 4.2  $R^2 = 0.5796$  NSE = -7.85

— Observed — Simulated



## Stage Duration Curve

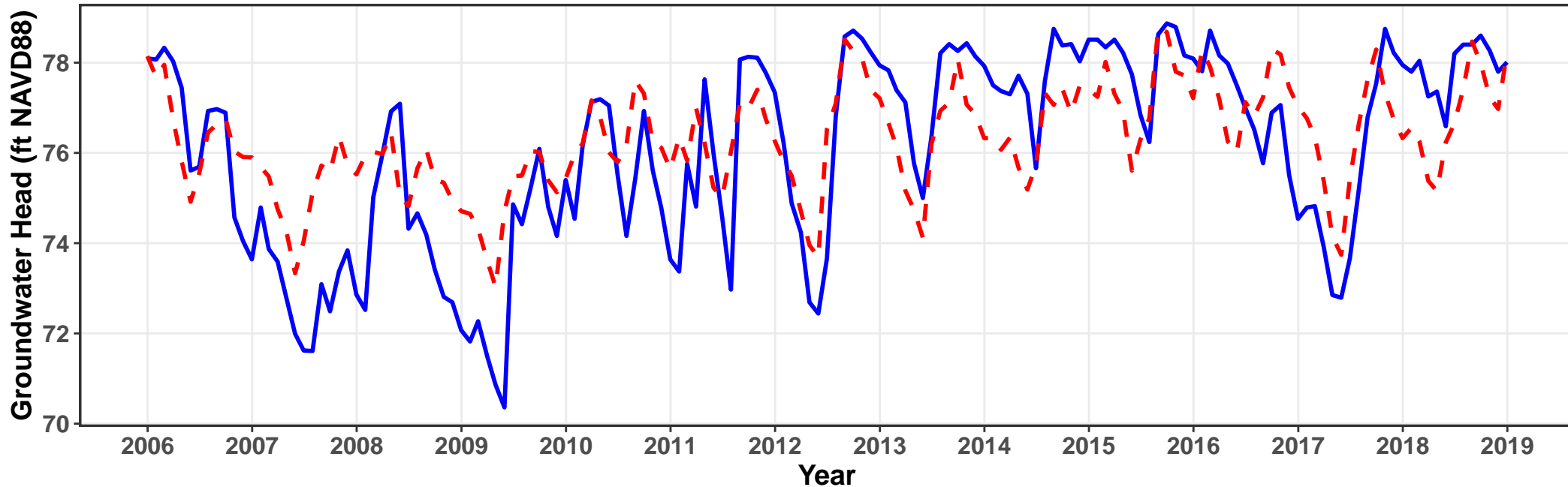




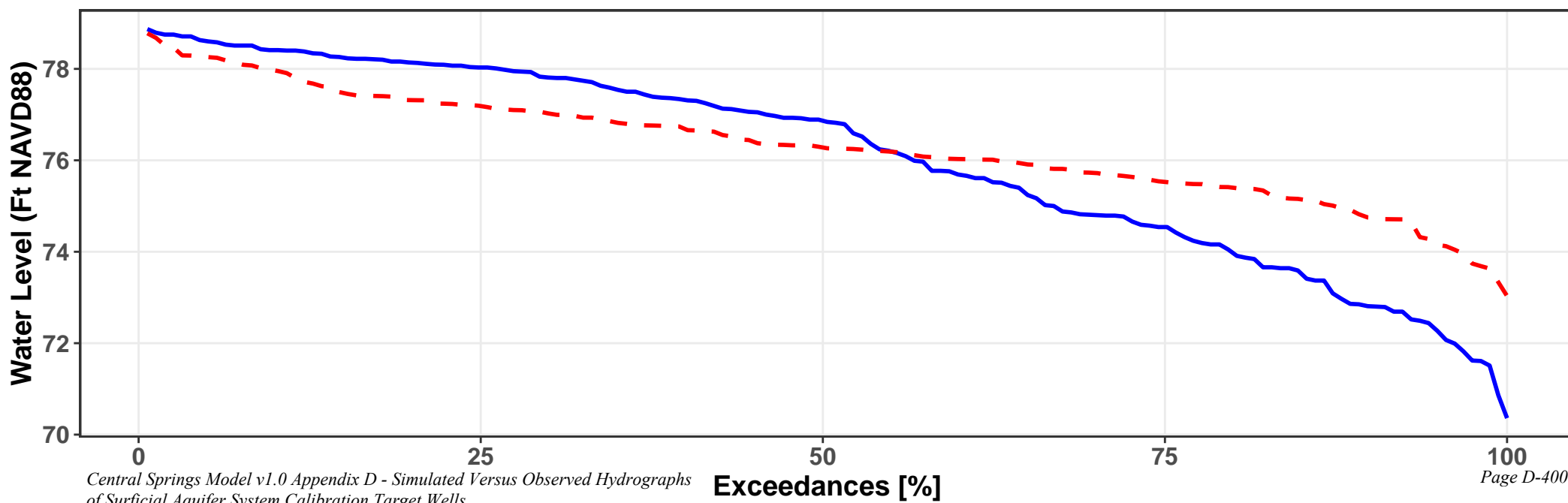
# SID17720 @ UHFDA Cypress 4 Wetland Surf

ME = 0.2 MAE = 1.2  $R^2 = 0.5797$  NSE = 0.523

— Observed — Simulated



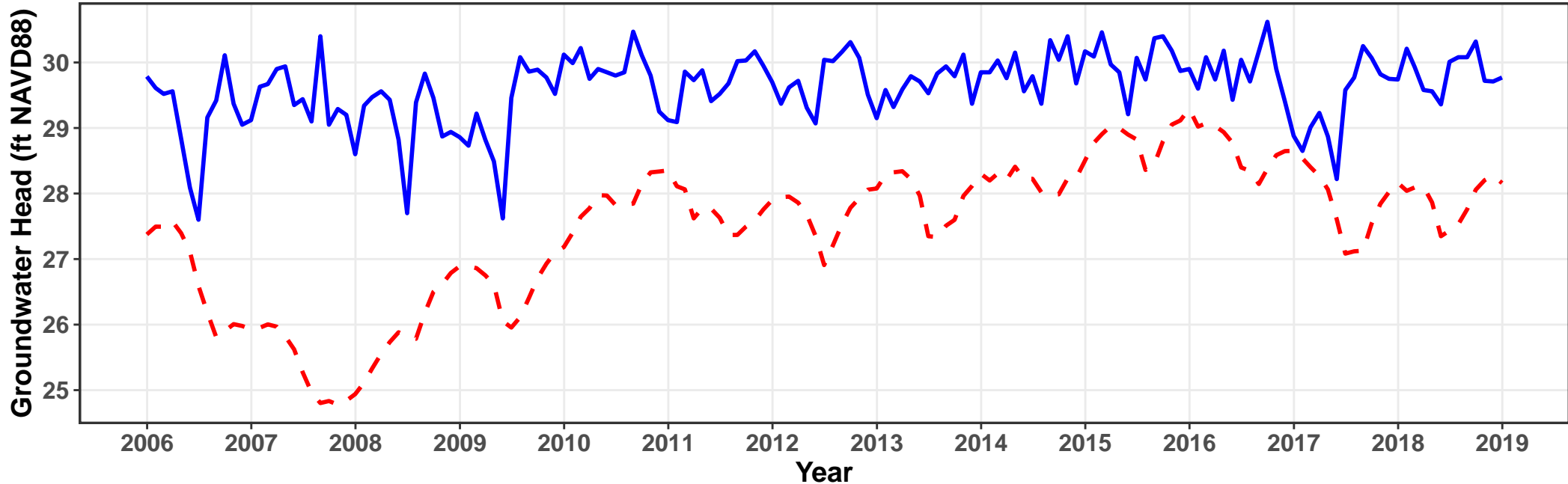
## Stage Duration Curve



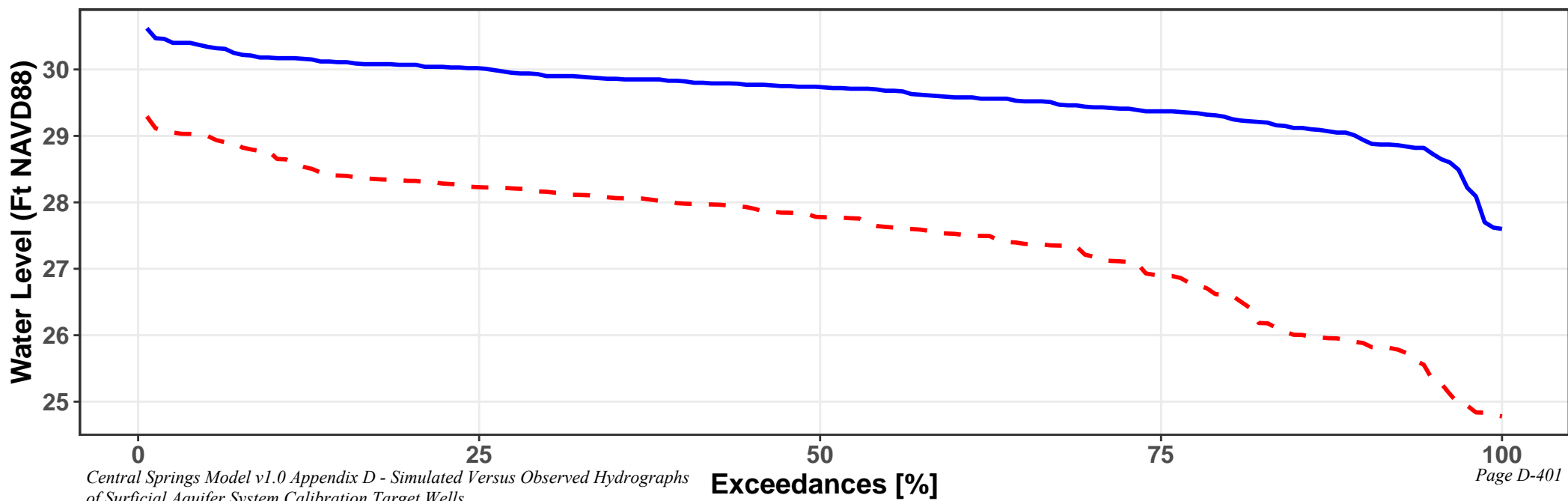
# SID20455 @ River Ridge High School Cypress Upland Surf

ME = -2.1 MAE = 2.1  $R^2 = 0.1276$  NSE = -18.399

— Observed - - Simulated



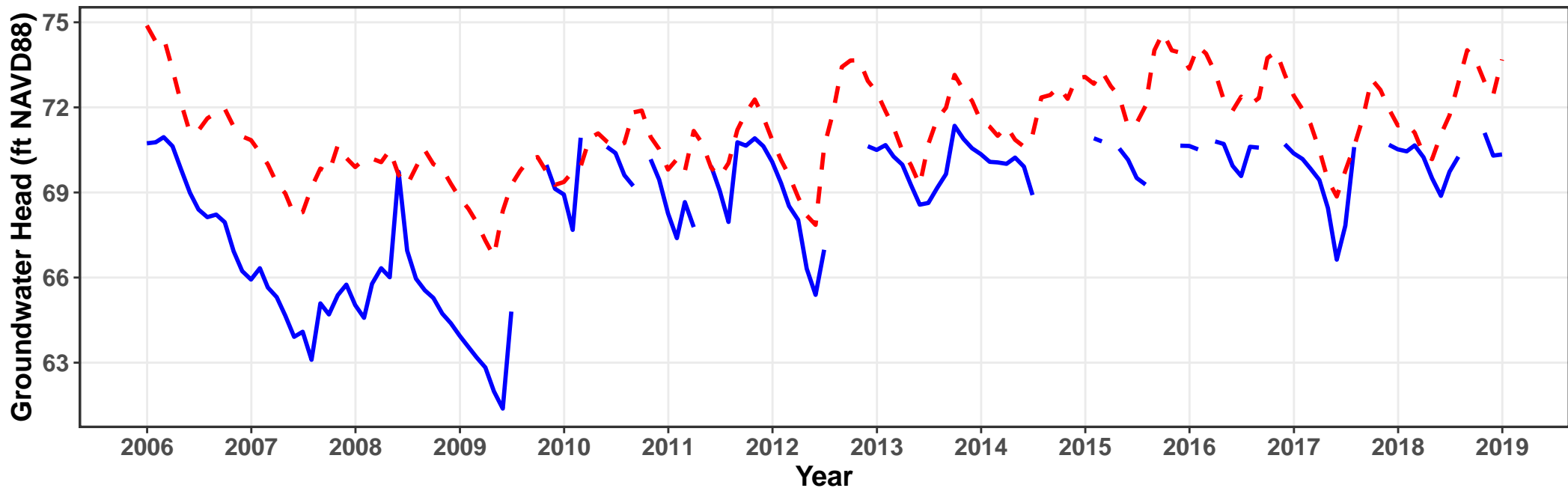
## Stage Duration Curve



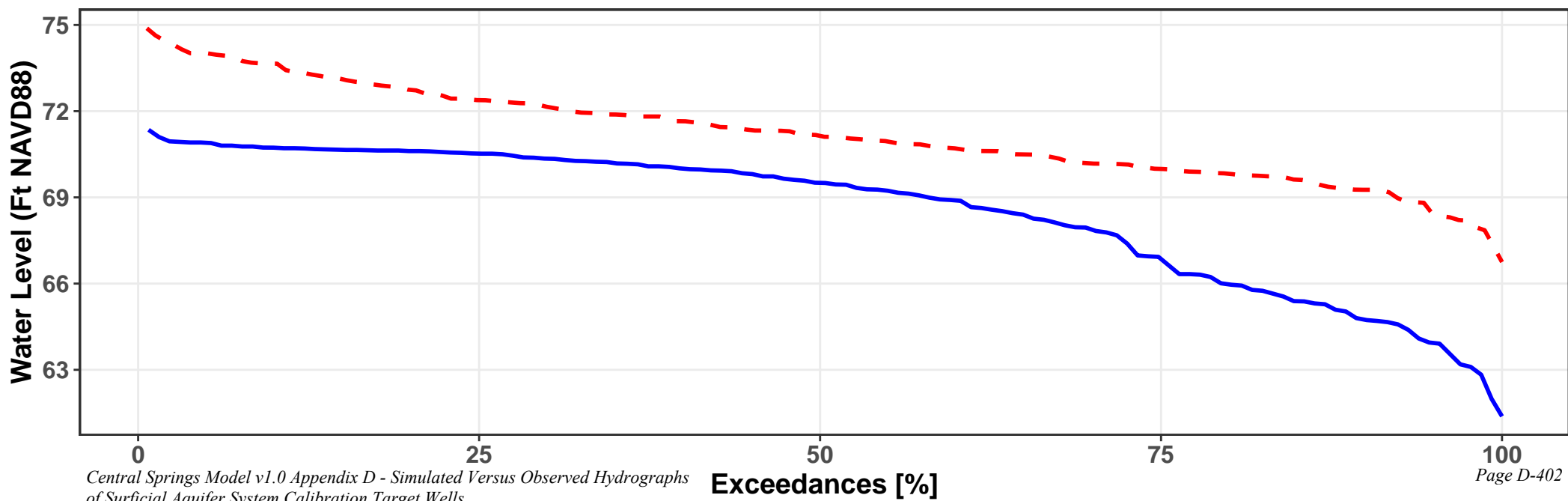
# SID23201 @ River Road Riverine Wetland Surf

ME = 2.4 MAE = 2.4  $R^2 = 0.5523$  NSE = -0.448

— Observed — Simulated



## Stage Duration Curve

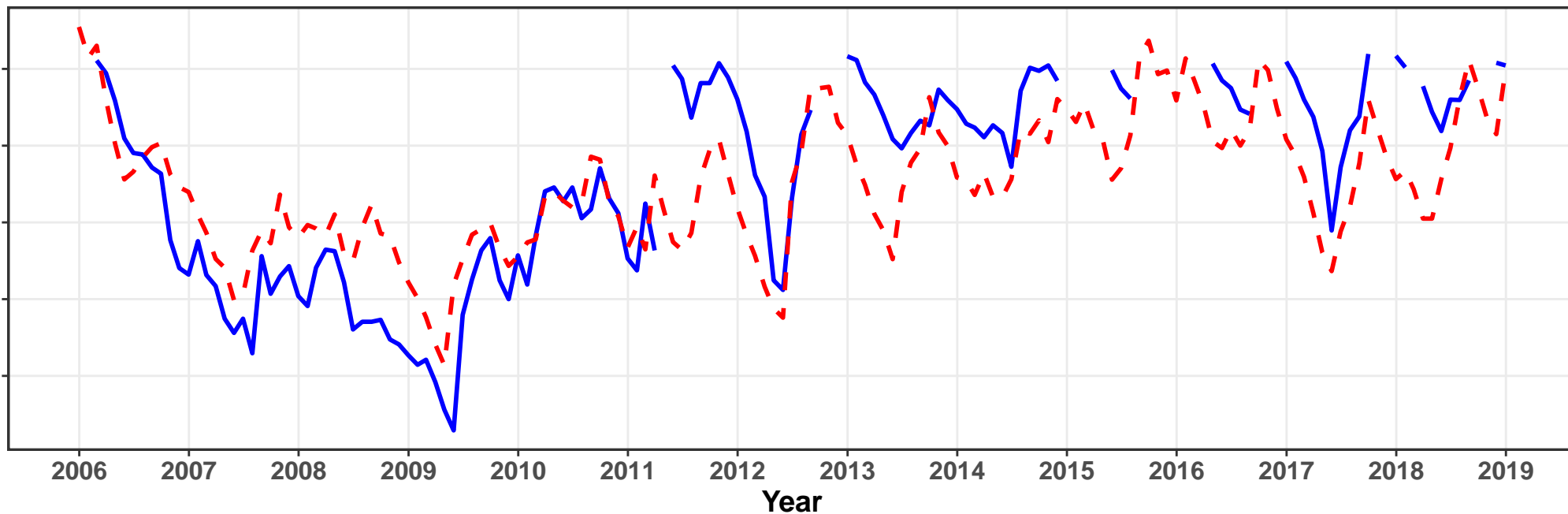


# SID23202 @ River Road Wet Prairie Wetland Surf

ME = -0.4 MAE = 1.5  $R^2 = 0.5769$  NSE = 0.529

— Observed - - Simulated

Groundwater Head (ft NAVD88)



## Stage Duration Curve

Water Level (Ft NAVD88)

