

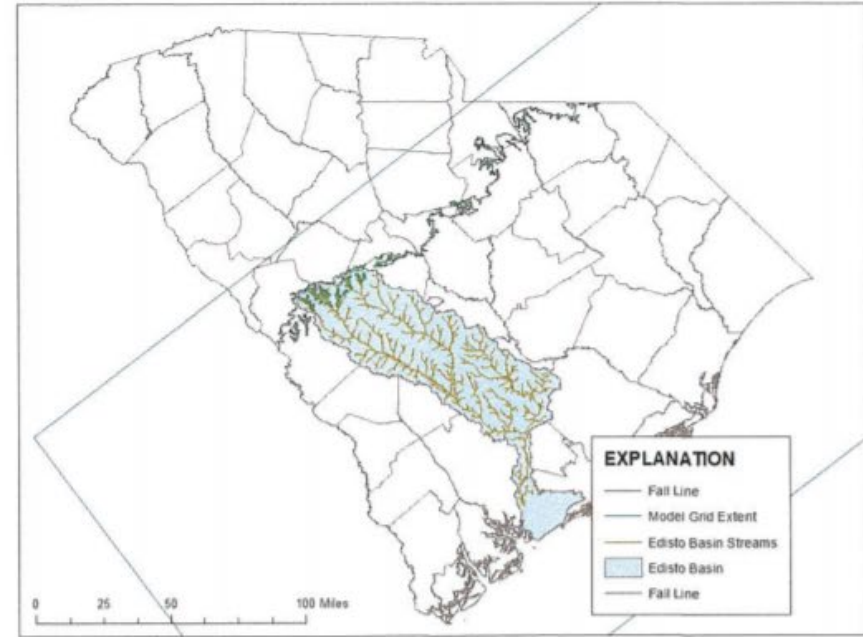
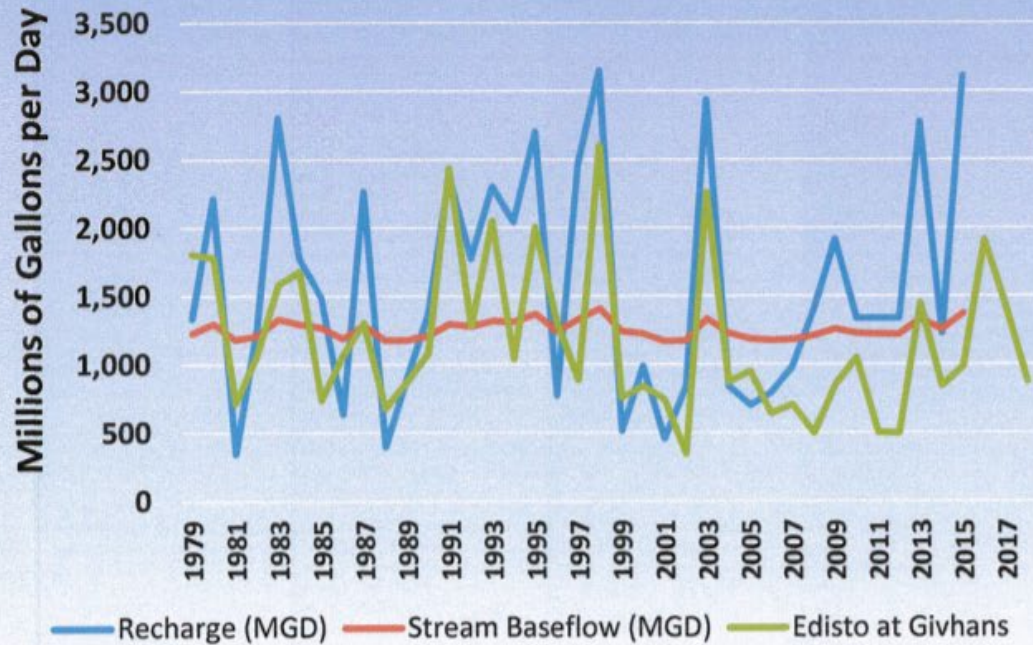
# Edisto Basin

All Simulated

3,143 Square miles

2,011,352 Acres

### Recharge - Stream Baseflow - Givhans Gage



### Recharge (MGD)

Mean – 1,221

Max – 3,151 (1998)

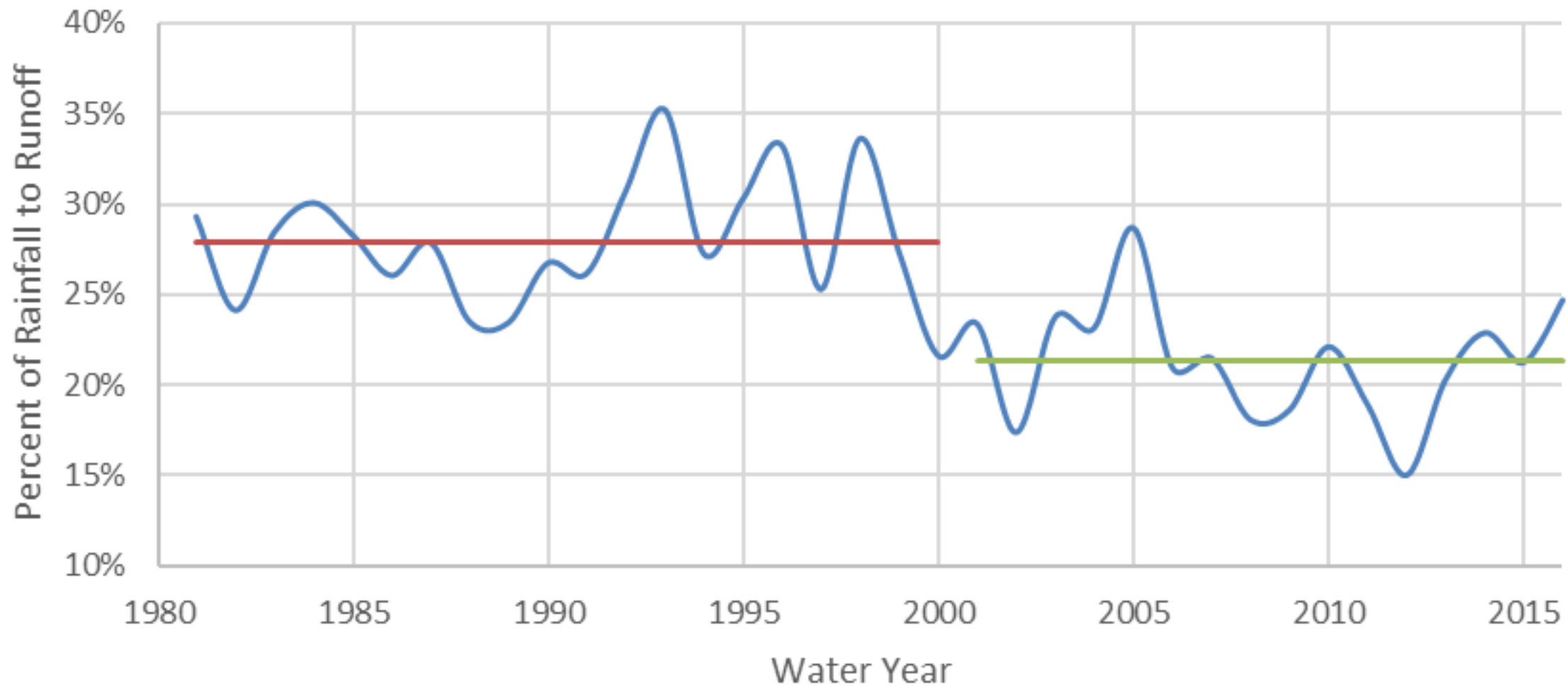
Min – 344 (1981)

### Stream Baseflow (MGD)

Mean – 1,254

Max – 1,407 (1998)

Min – 1,169 (2001)

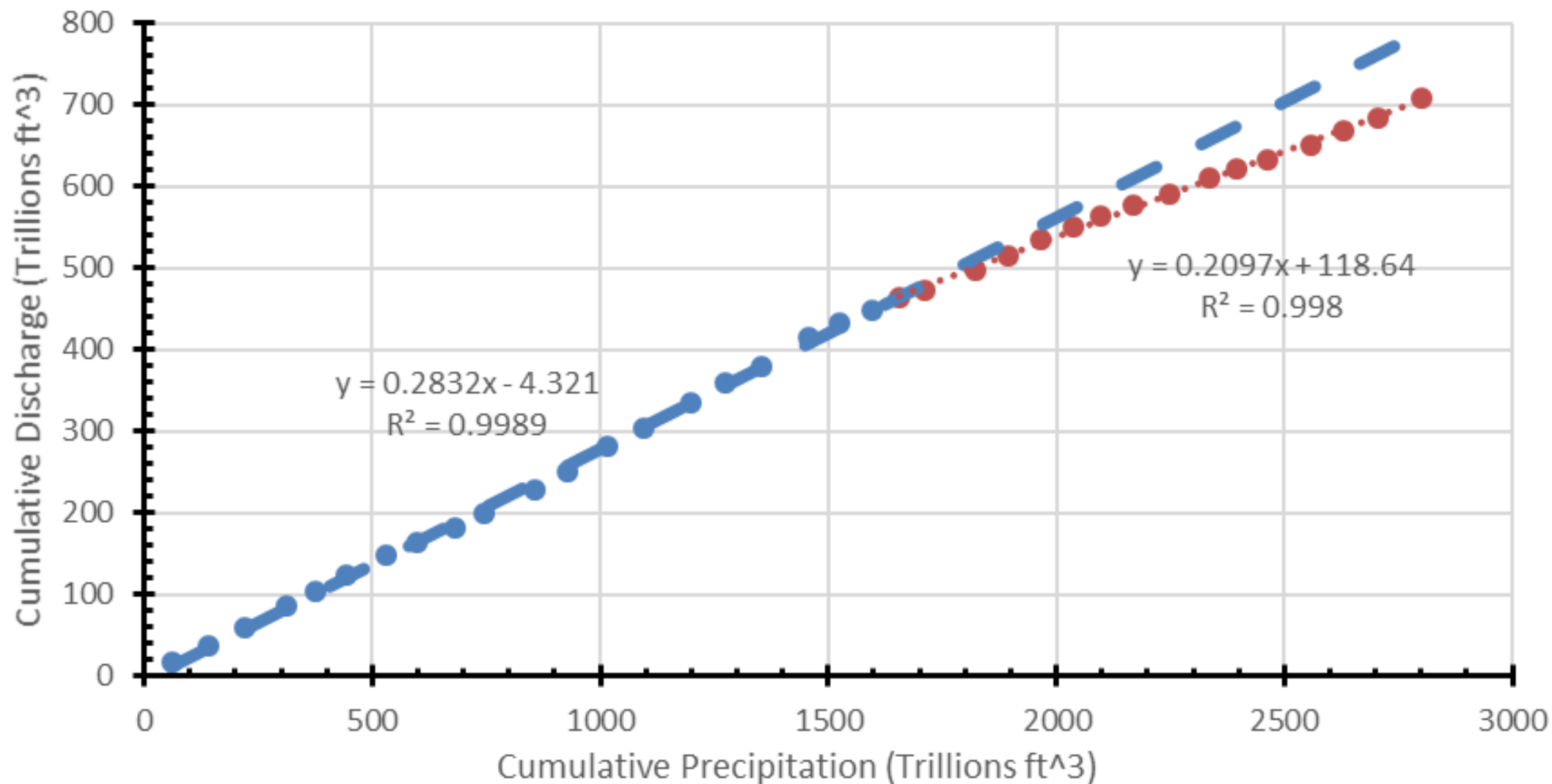


— Water Year Runoff Coefficients

— 1981-2000 Mean

— 2001-2016 Mean

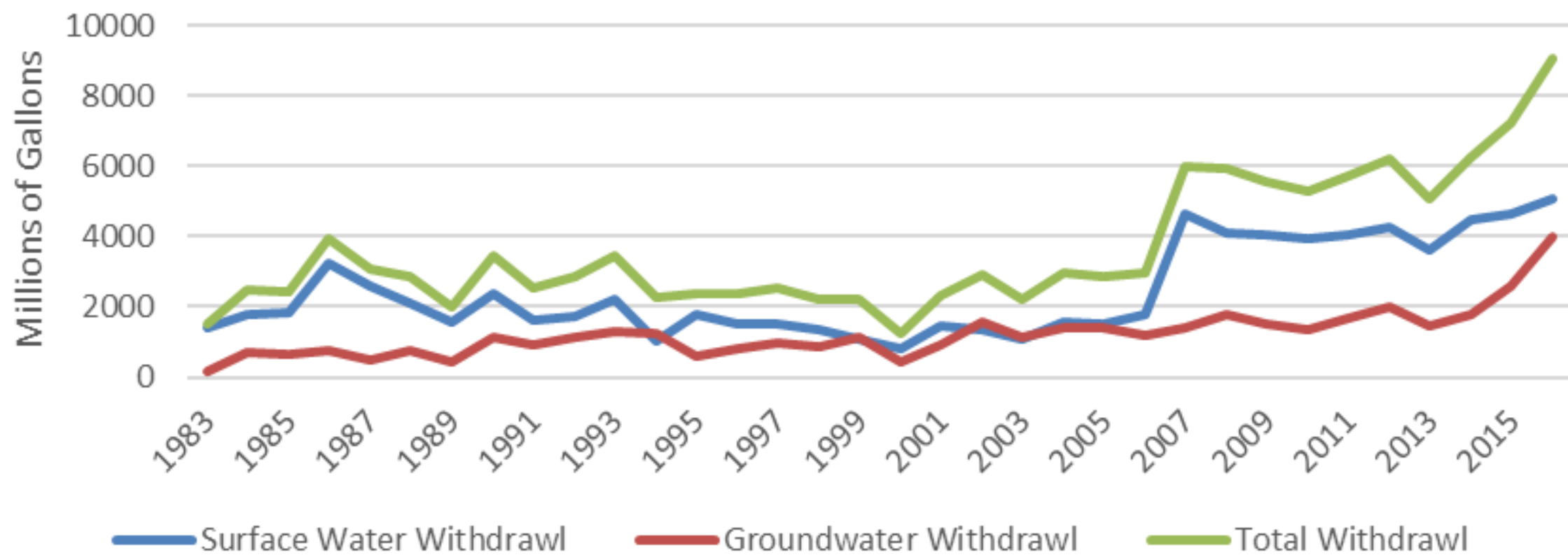
# DMC for SFE Basin 1981-2016



- Denmark Gauge 1981-2000
- Linear (Denmark Gauge 1981-2000)

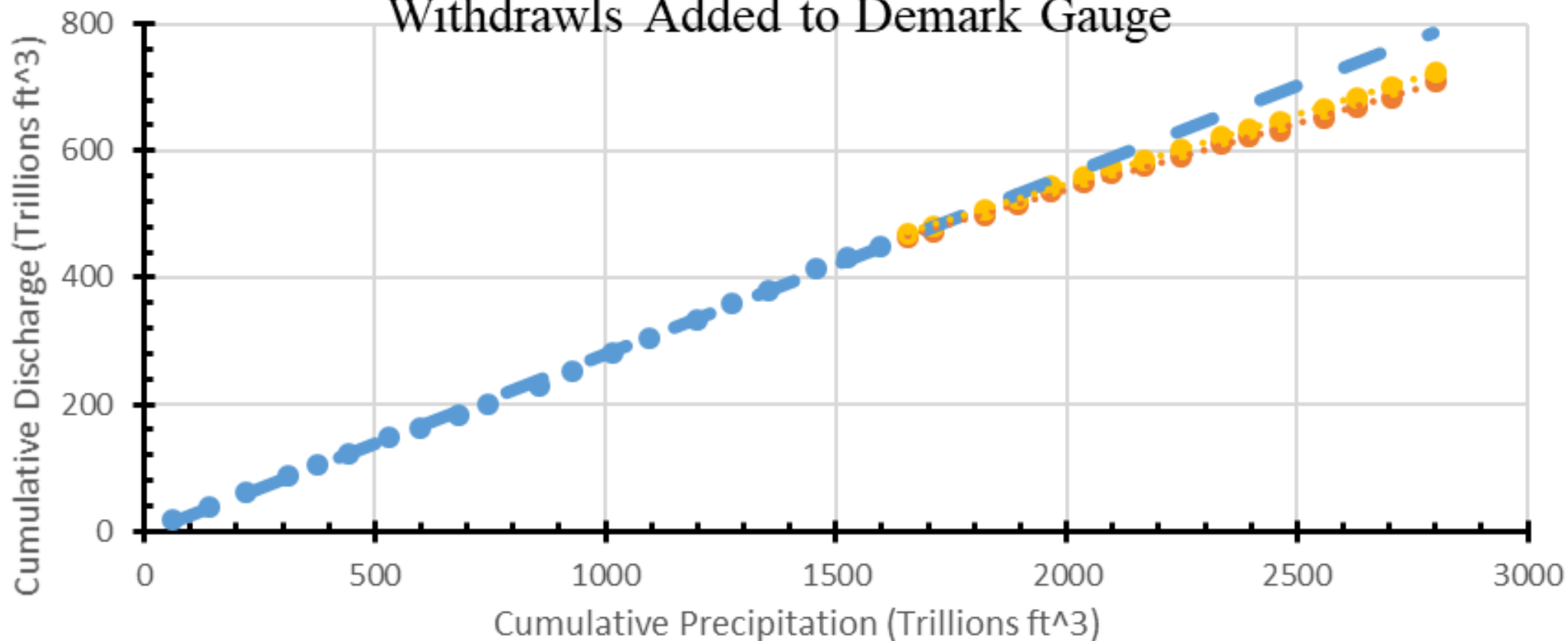
- Denmark Gauge 2001-2016
- ..... Linear (Denmark Gauge 2001-2016)

### a. Water Withdrawals in the SFE Basin



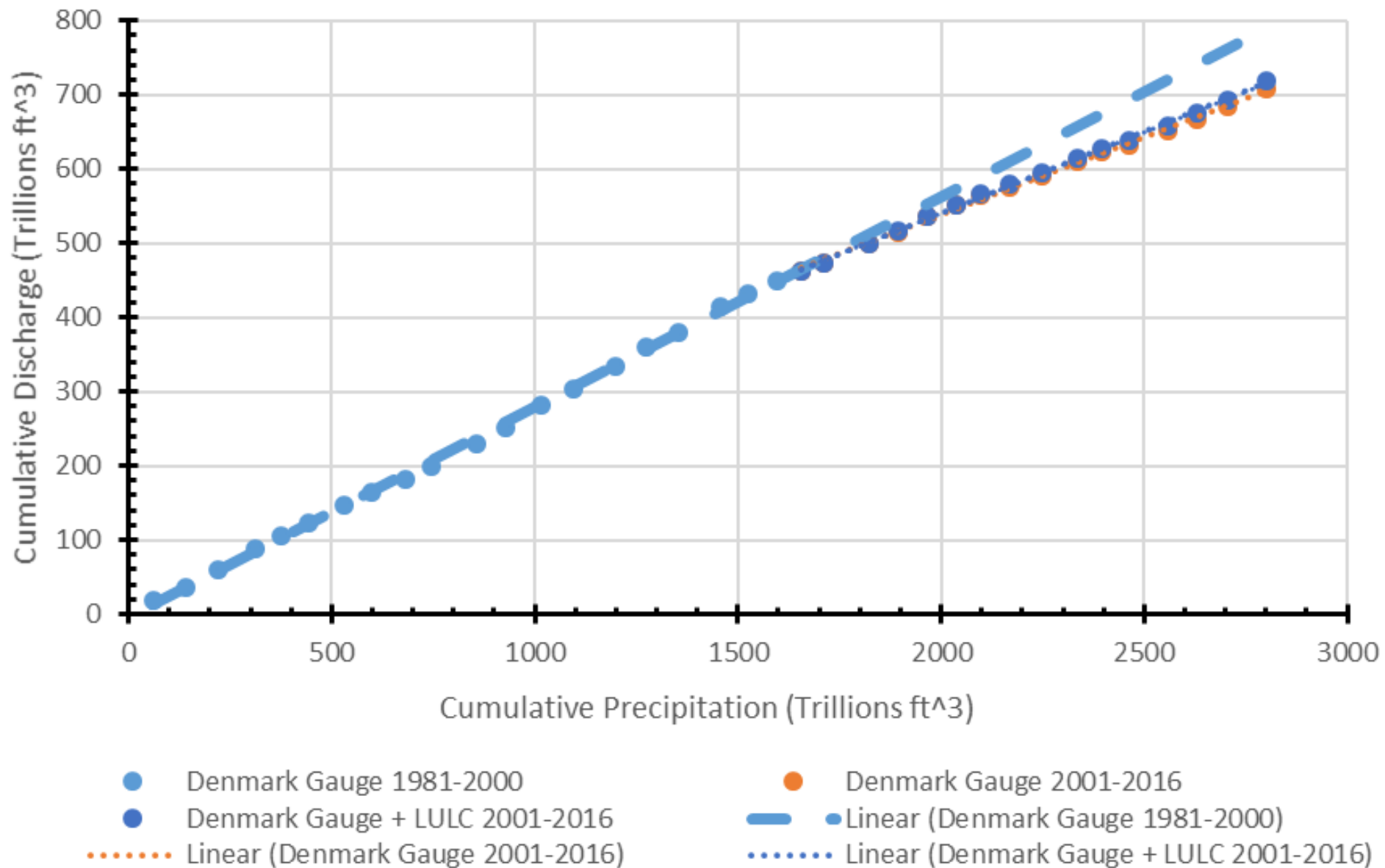
# DMC for SFE Basin 1981-2016

## Withdrawals Added to Demark Gauge

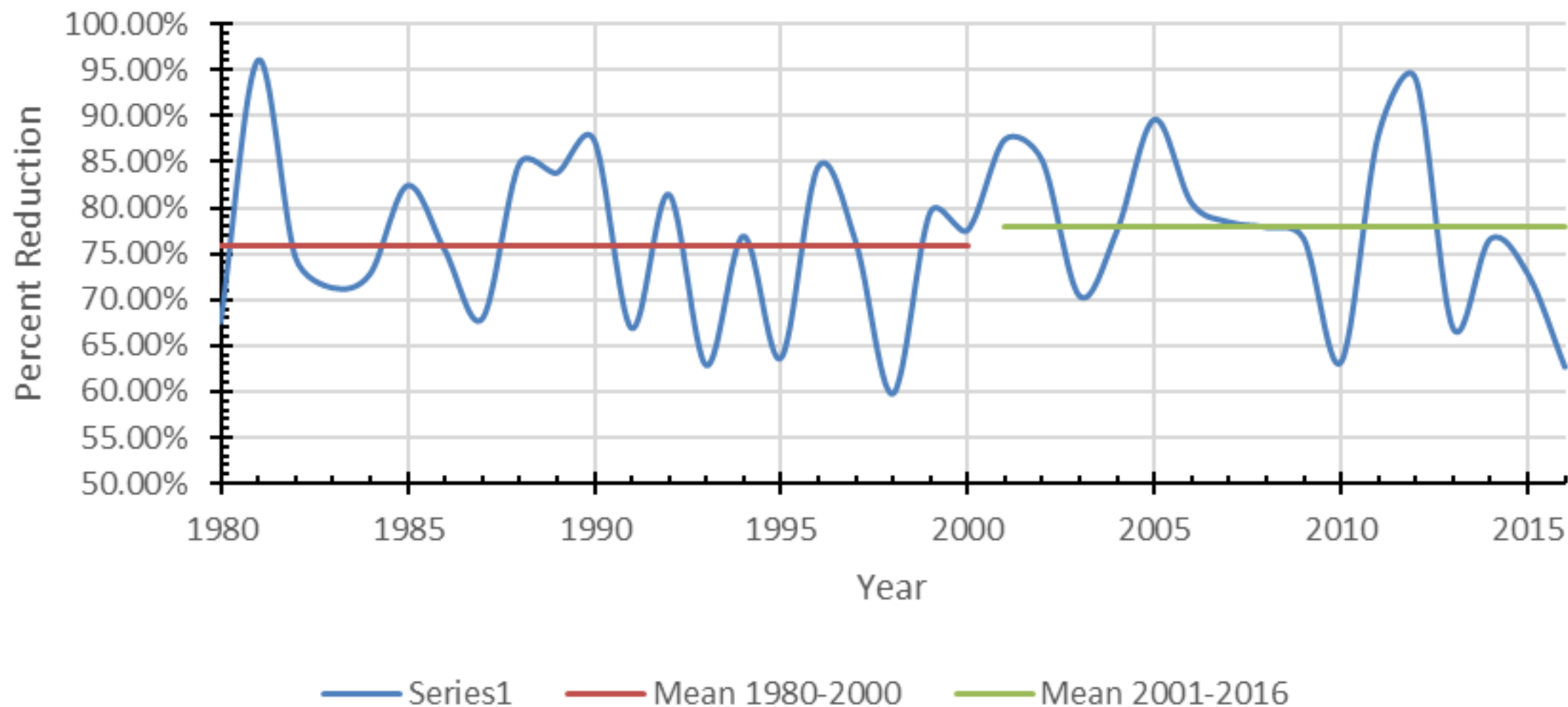


- Denmark Gauge 1981-2000
- Denmark Gauge 2001-2016
- Denmark Gauge + Withdrawals 2001-2016
- Linear (Denmark Gauge 1981-2000)
- Linear (Denmark Gauge 2001-2016)
- Linear (Denmark Gauge + Withdrawals 2001-2016)

# DMC for SFE Basin 1981-2016 LU/LC Effects Added to Demark Gauge

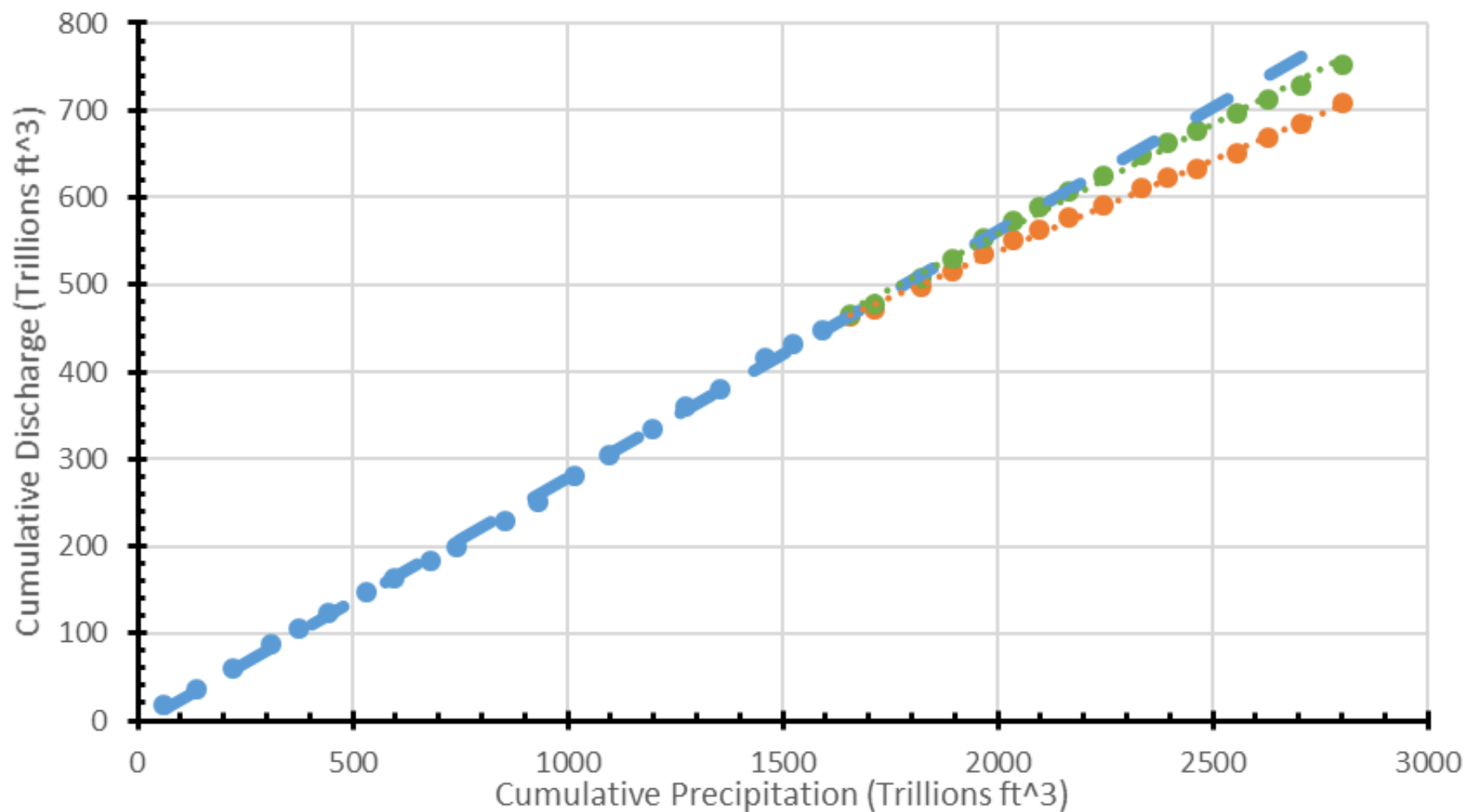


## Percentage of Rainfall lost to ET and Interception



# DMC for SFE Basin 1981-2016

## Climate Impacts Added to Denmark Gauge



- Denmark Gauge 1981-2000
- Denmark Gauge 2001-2016
- Denmark Gauge + Climate
- Linear (Denmark Gauge 1981-2000)
- Linear (Denmark Gauge 2001-2016)
- Linear (Denmark Gauge + Climate)



# A. Combined Impact of Climate, LU/LC & Withdrawals on DMC

