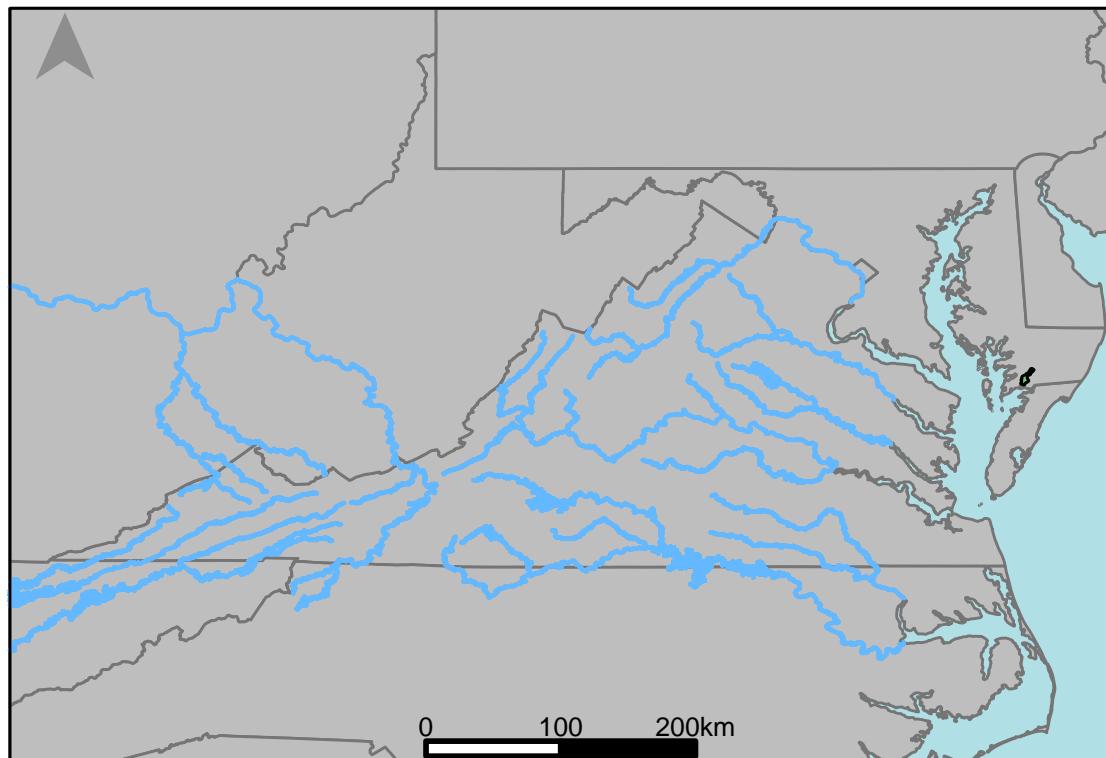


Appendix ##: River Segment: EL1_6000_0001 -
Scenario 1: CFBASE30Y20180615 vs. Scenario 2:
CBASE1808L55CY55R45P50R45P50Y



The average daily discharge change between scenario 1 and scenario 2 for the 20 year timespan was 4.60526%, with 1.11% of its rolling three month time spans above 20% difference.

Table 1: Monthly Low Flows

	Base 2018	Climate Change	Pct. Difference
Jan. Low Flow	0.85	0.86	1.18
Feb. Low Flow	2.48	2.58	4.03
Mar. Low Flow	4.16	4.42	6.25
Apr. Low Flow	7.9	8	1.27
May Low Flow	9.19	9.3	1.2
Jun. Low Flow	8.35	8.18	-2.04
Jul. Low Flow	6.26	6.26	0
Aug. Low Flow	3.72	3.74	0.54
Sep. Low Flow	2.08	2.04	-1.92
Oct. Low Flow	0.43	0.39	-10.39
Nov. Low Flow	0.76	0.72	-4.61
Dec. Low Flow	0.79	0.82	3.78

Table 2: Monthly Average Flows

	Base 2018	Climate Change	Pct. Difference
Overall Mean Flow	15.2	15.9	4.61
Jan. Mean Flow	25.6	27.2	6.25
Feb. Mean Flow	26.9	28.2	4.83
Mar. Mean Flow	34.1	34.1	0
Apr. Mean Flow	18.3	18.9	3.28
May Mean Flow	13.5	14.2	5.19
Jun. Mean Flow	5.4	5.39	-0.19
Jul. Mean Flow	7.73	8.31	7.5
Aug. Mean Flow	8.42	9.06	7.6
Sep. Mean Flow	7.95	8.17	2.77
Oct. Mean Flow	9.07	9.83	8.38
Nov. Mean Flow	9.96	10.4	4.42
Dec. Mean Flow	16.1	17.6	9.32

Table 3: Monthly High Flows

	Base 2018	Climate Change	Pct. Difference
Jan. High Flow	25.2	27.4	8.73
Feb. High Flow	29.8	32.8	10.07
Mar. High Flow	47.1	53.6	13.8
Apr. High Flow	76.3	85.8	12.45
May High Flow	80.7	81.1	0.5
Jun. High Flow	123	120	-2.44
Jul. High Flow	71.1	81.5	14.63
Aug. High Flow	36	37.7	4.72
Sep. High Flow	13.6	14.2	4.41
Oct. High Flow	11	12	9.09
Nov. High Flow	18.4	20.4	10.87
Dec. High Flow	19.1	21.2	10.99

Table 4: Period Low Flows

	Base 2018	Climate Change	Pct. Difference
Min. 1 Day Min	0	0	NaN
Med. 1 Day Min	0.14	0.13	-11.03
Min. 3 Day Min	0	0	464.6
Med. 3 Day Min	0.17	0.16	-10.34
Min. 7 Day Min	0	0	-71.91
Med. 7 Day Min	0.25	0.23	-6.77
Min. 30 Day Min	0.03	0.03	-8.62
Med. 30 Day Min	0.86	0.92	6.97
Min. 90 Day Min	0.61	0.62	0.33
Med. 90 Day Min	2.85	3.05	7.02
7Q10	0	0	-1.38
Year of 90-Day Min. Flow	1986	1986	0
Drought Year Mean	9.67	9.83	1.65
Mean Baseflow	5.77	5.8	0.52

Table 5: Period High Flows

	Base 2018	Climate Change	Pct. Difference
Max. 1 Day Max	440	461	4.77
Med. 1 Day Max	272	270	-0.74
Max. 3 Day Max	382	405	6.02
Med. 3 Day Max	170	172	1.18
Max. 7 Day Max	193	213	10.36
Med. 7 Day Max	103	107	3.88
Max. 30 Day Max	115	126	9.57
Med. 30 Day Max	46.5	47.6	2.37
Max. 90 Day Max	66.7	71.2	6.75
Med. 90 Day Max	29.1	30	3.09

Table 6: Non-Exceedance Flows

	Base 2018	Climate Change	Pct. Difference
1% Non-Exceedance	0.05	0.04	-10.34
5% Non-Exceedance	0.39	0.37	-5.36
50% Non-Exceedance	7.76	7.98	2.84
95% Non-Exceedance	50.1	52	3.79
99% Non-Exceedance	147	161	9.52
Sept. 10% Non-Exceedance	0.32	0.31	-1.27

Fig. 1: Hydrograph

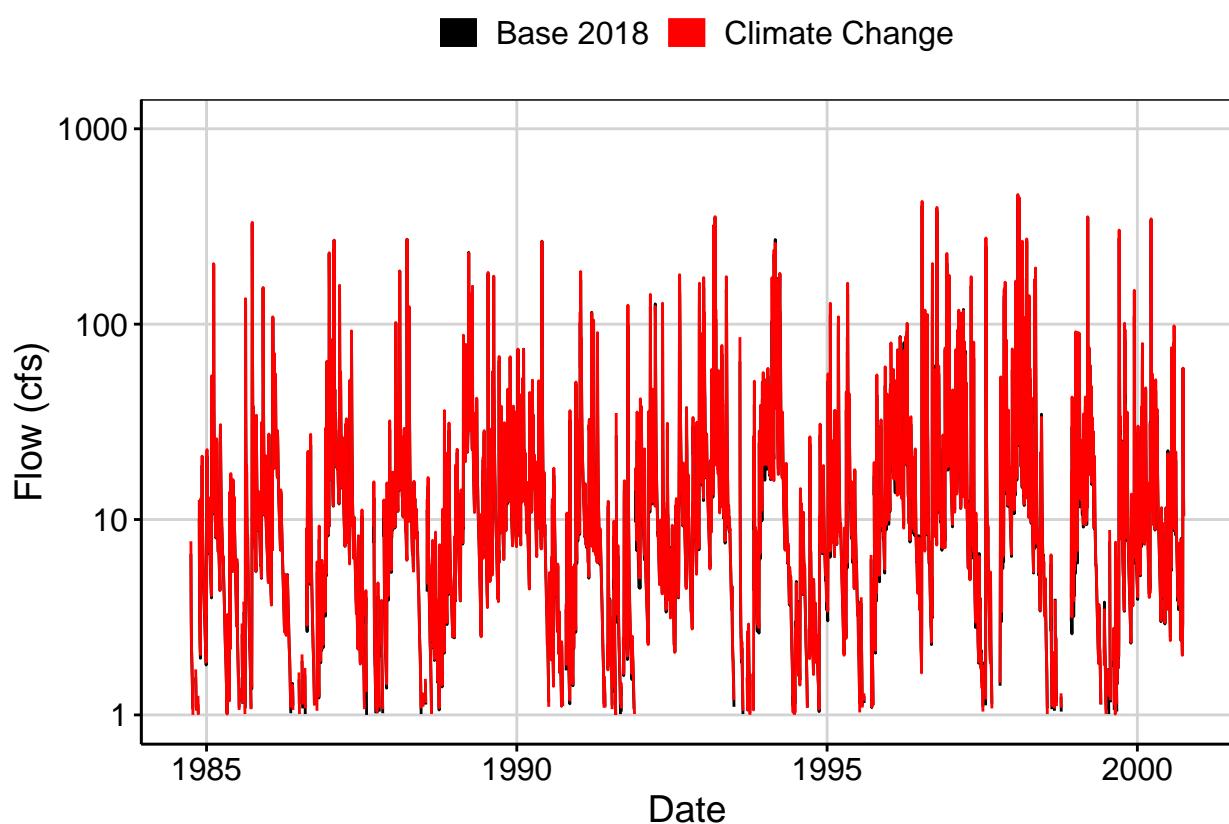


Fig. 2: Zoomed Hydrograph

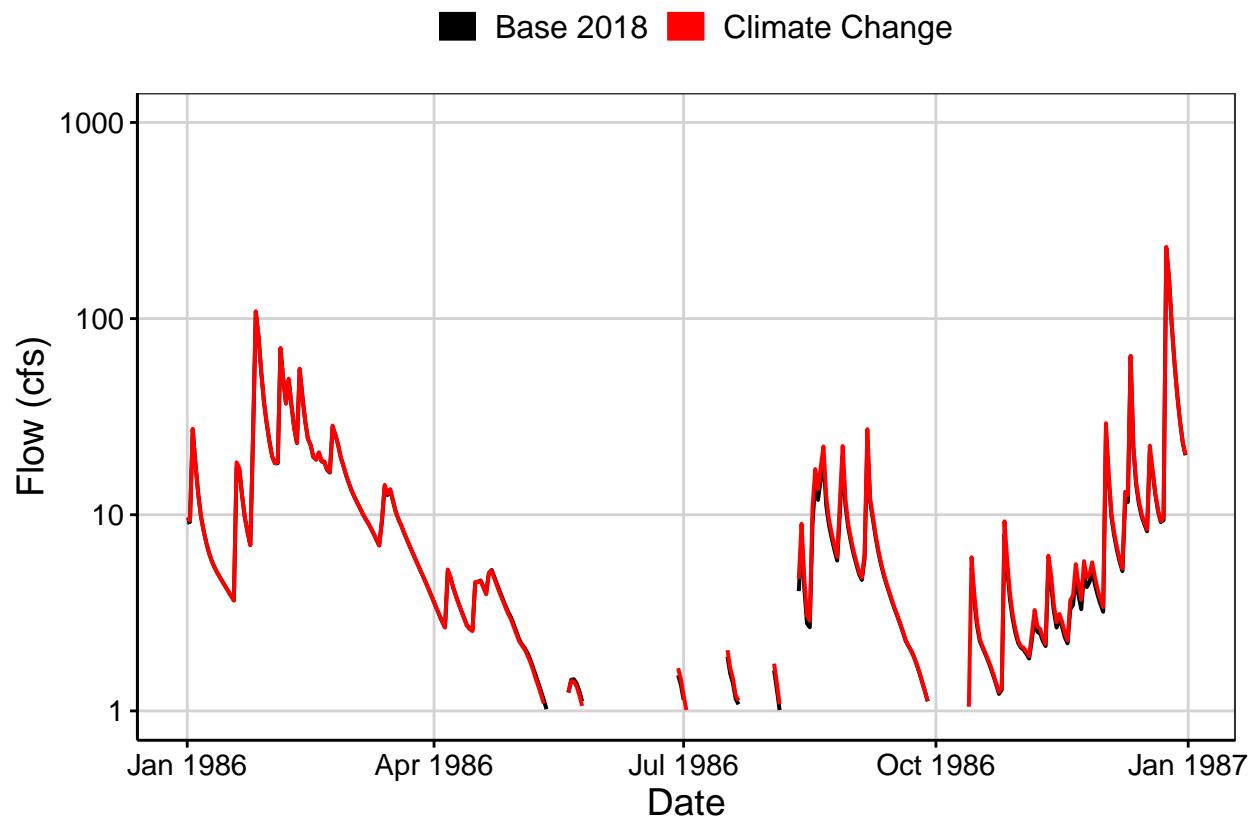


Fig. 3: Flow Exceedance

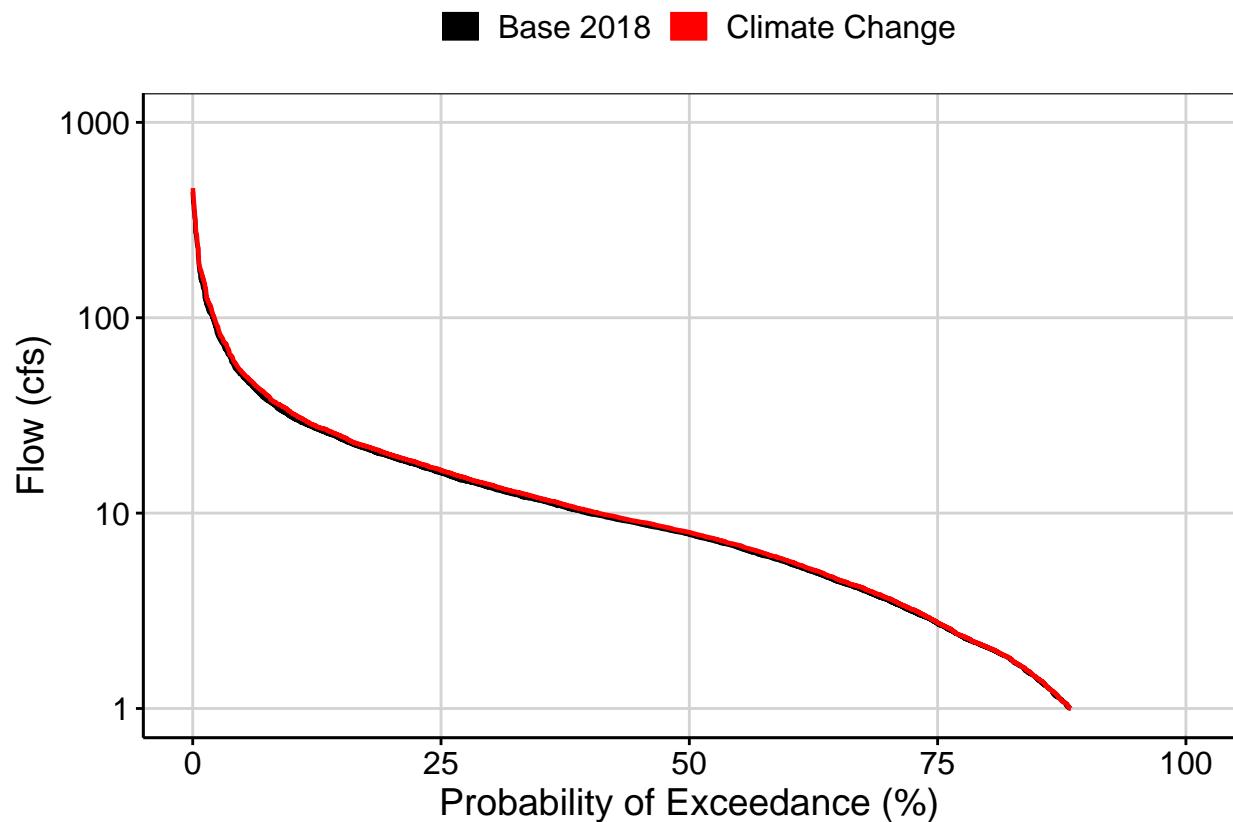


Fig. 4: Baseflow

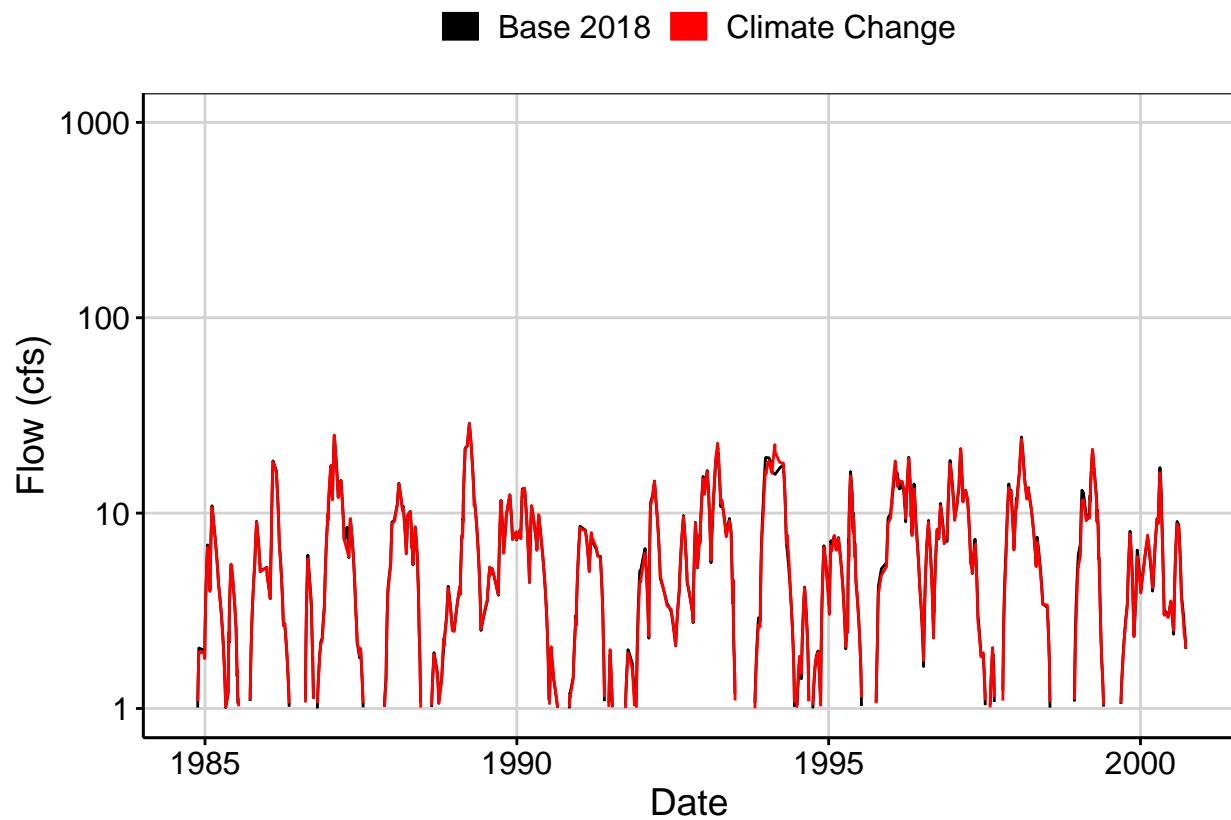


Fig. 5: Combined Baseflow

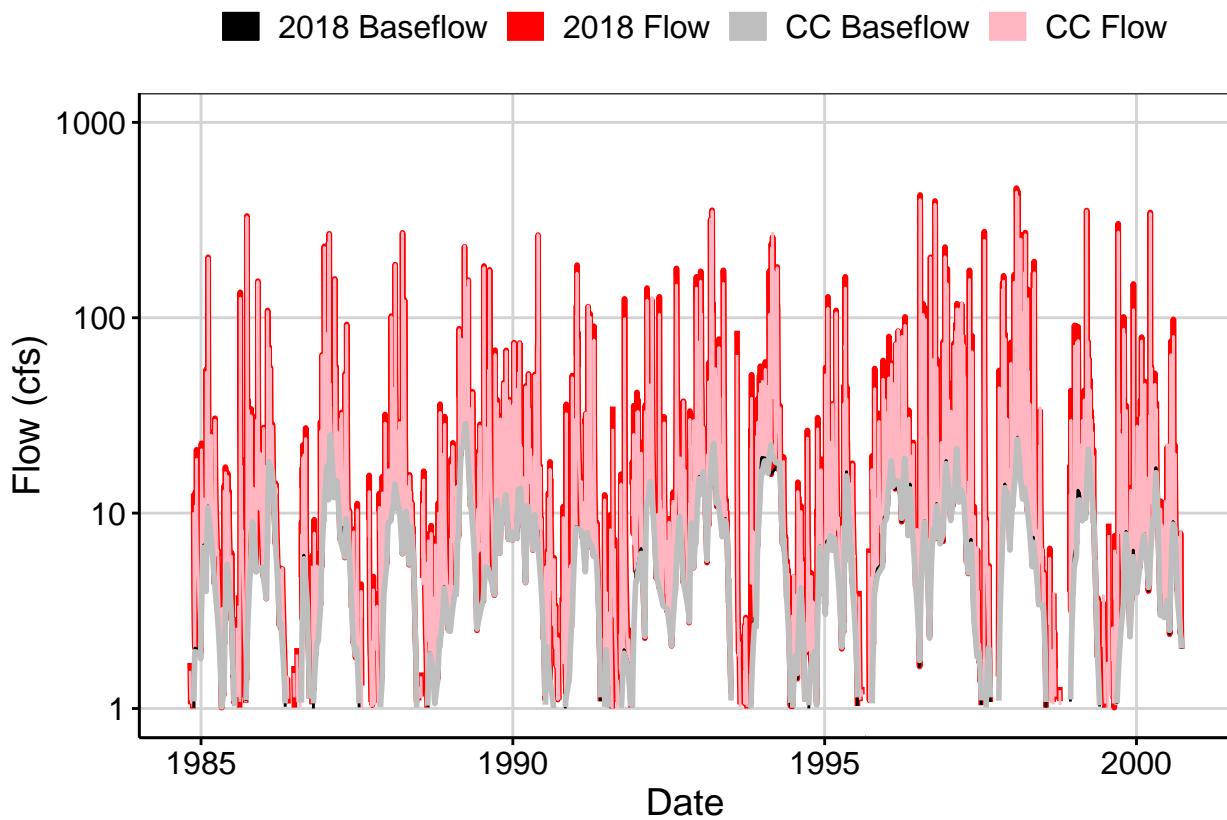


Fig. 6: Largest Difference Segment

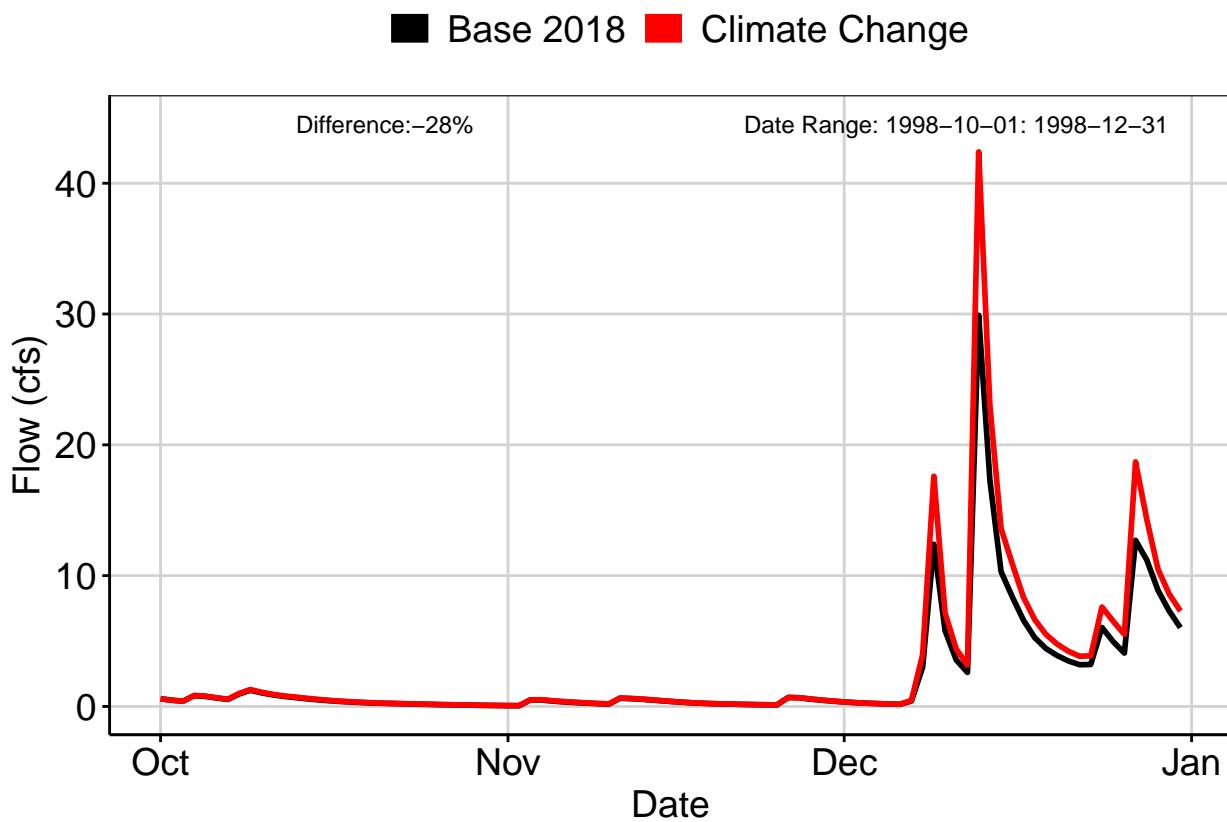


Fig. 7: Second Largest Difference Segment

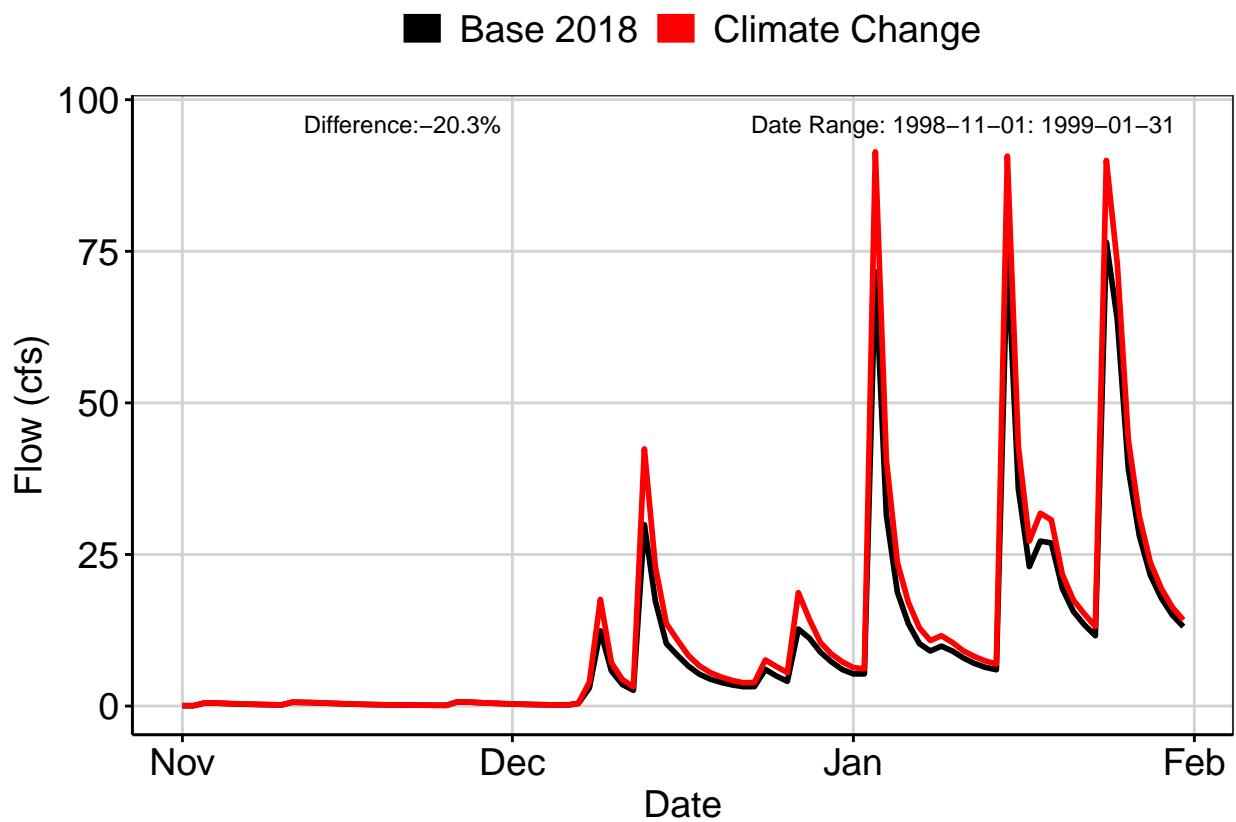


Fig. 8: Third Largest Difference Segment

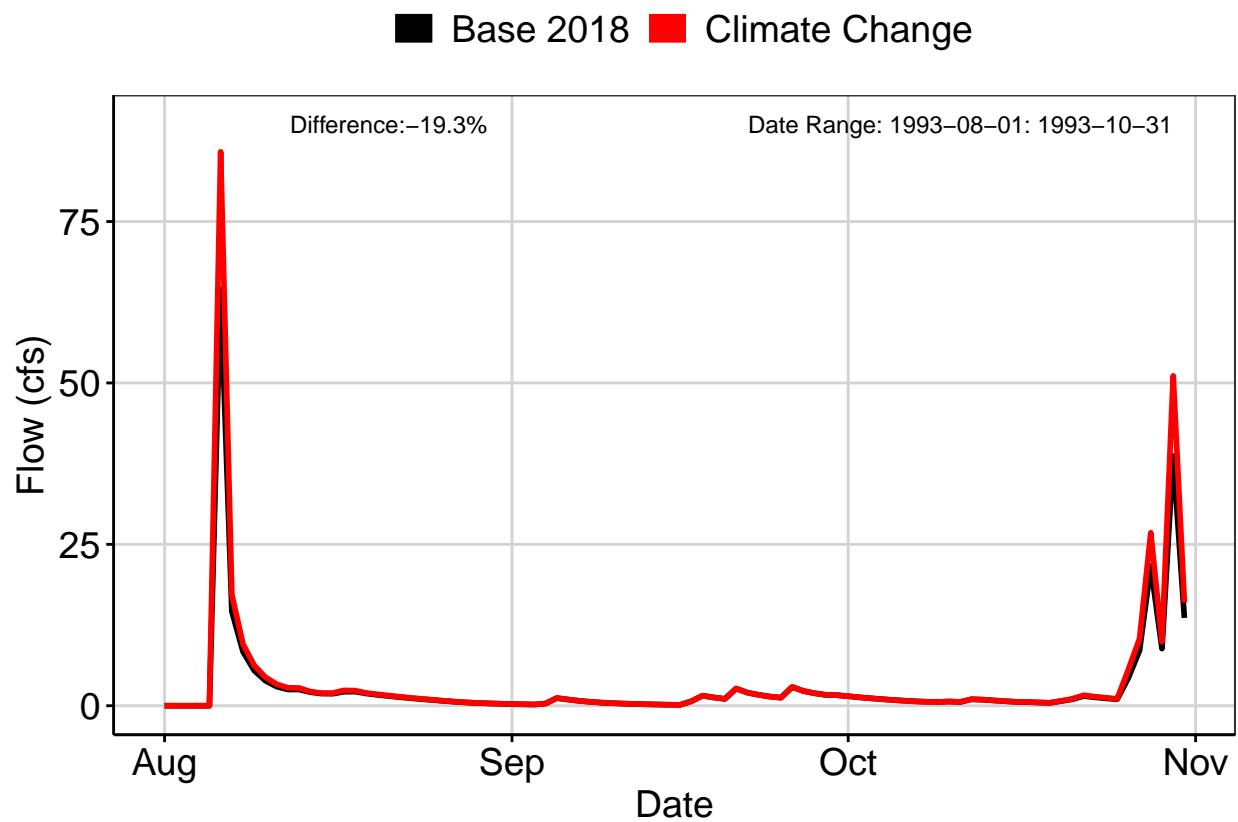


Fig. 9A: Residuals Plot

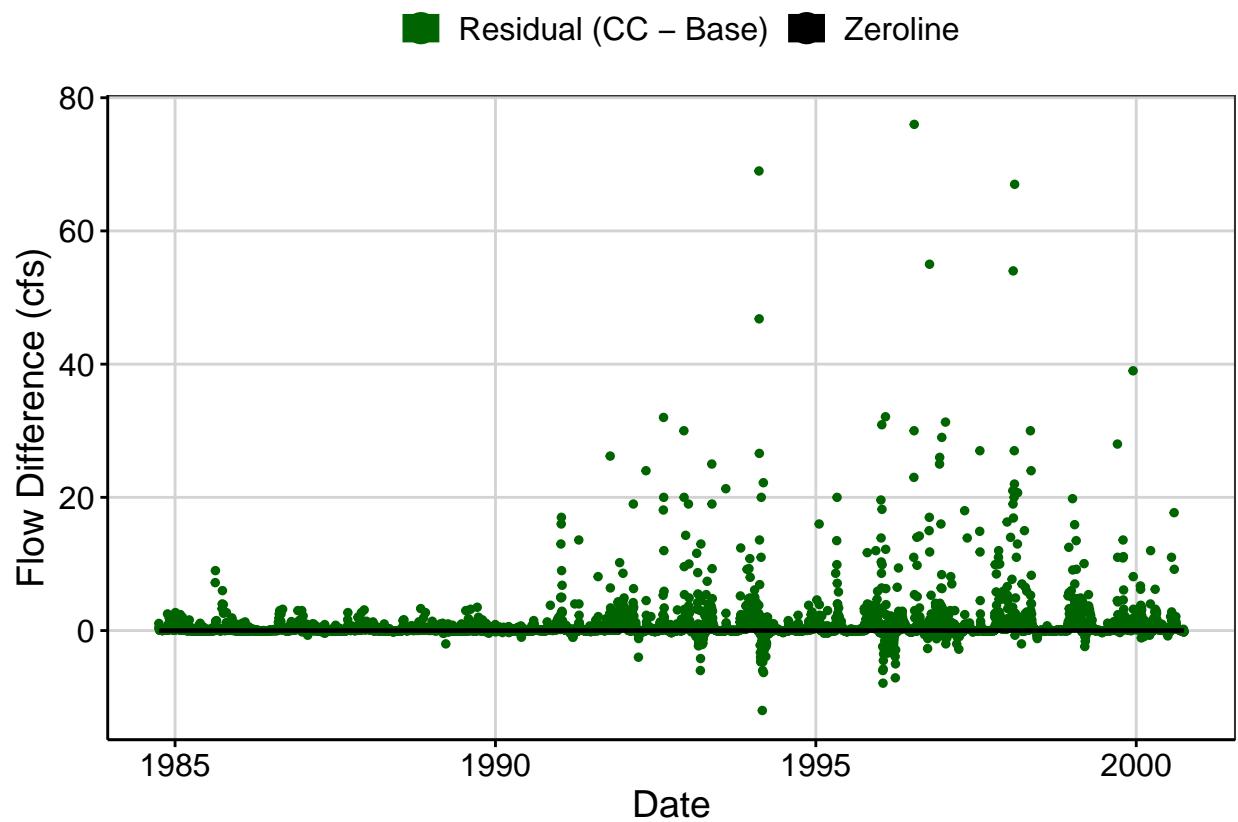


Fig. 9B: Area Weighted Residuals Plot

