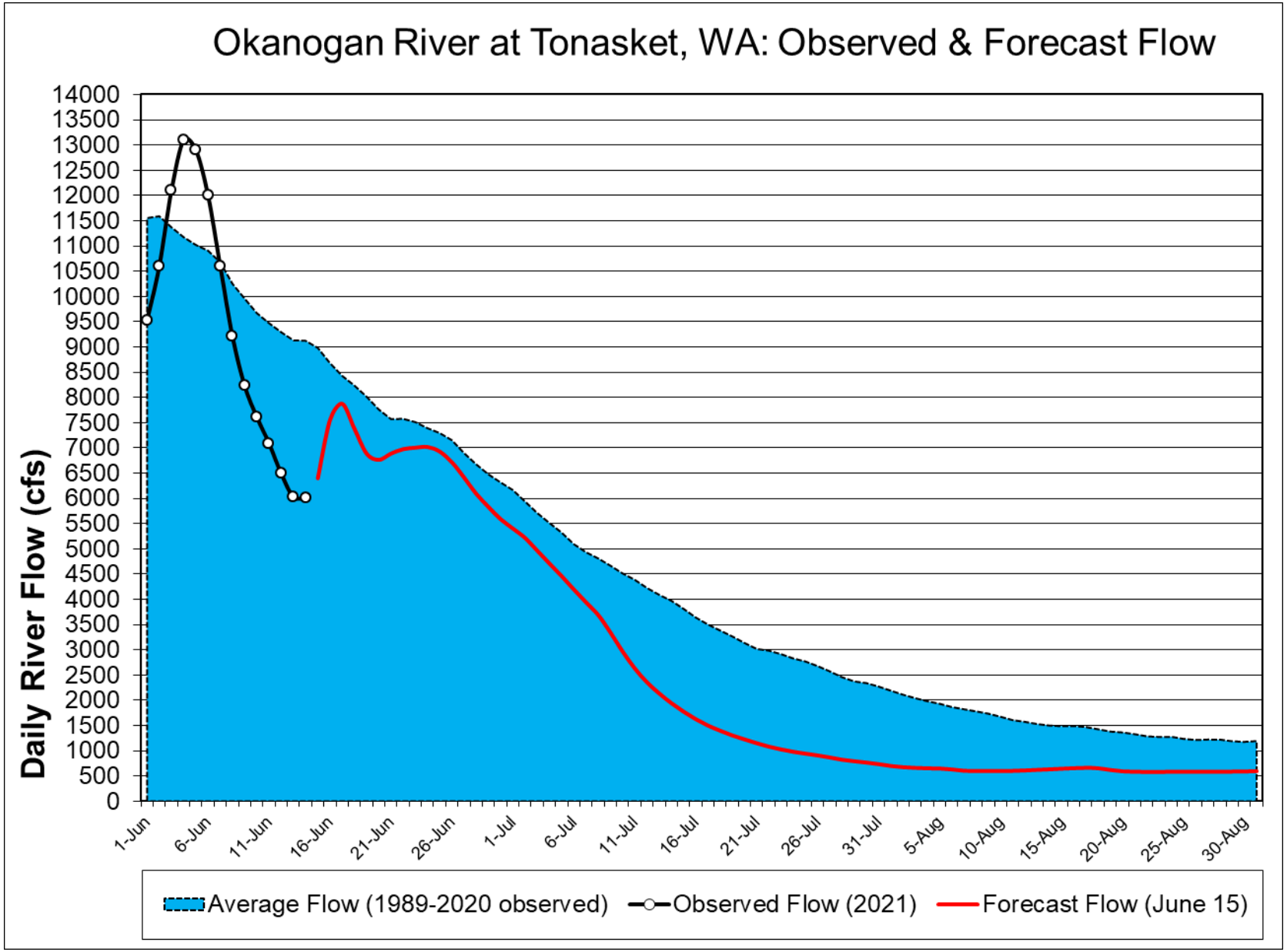
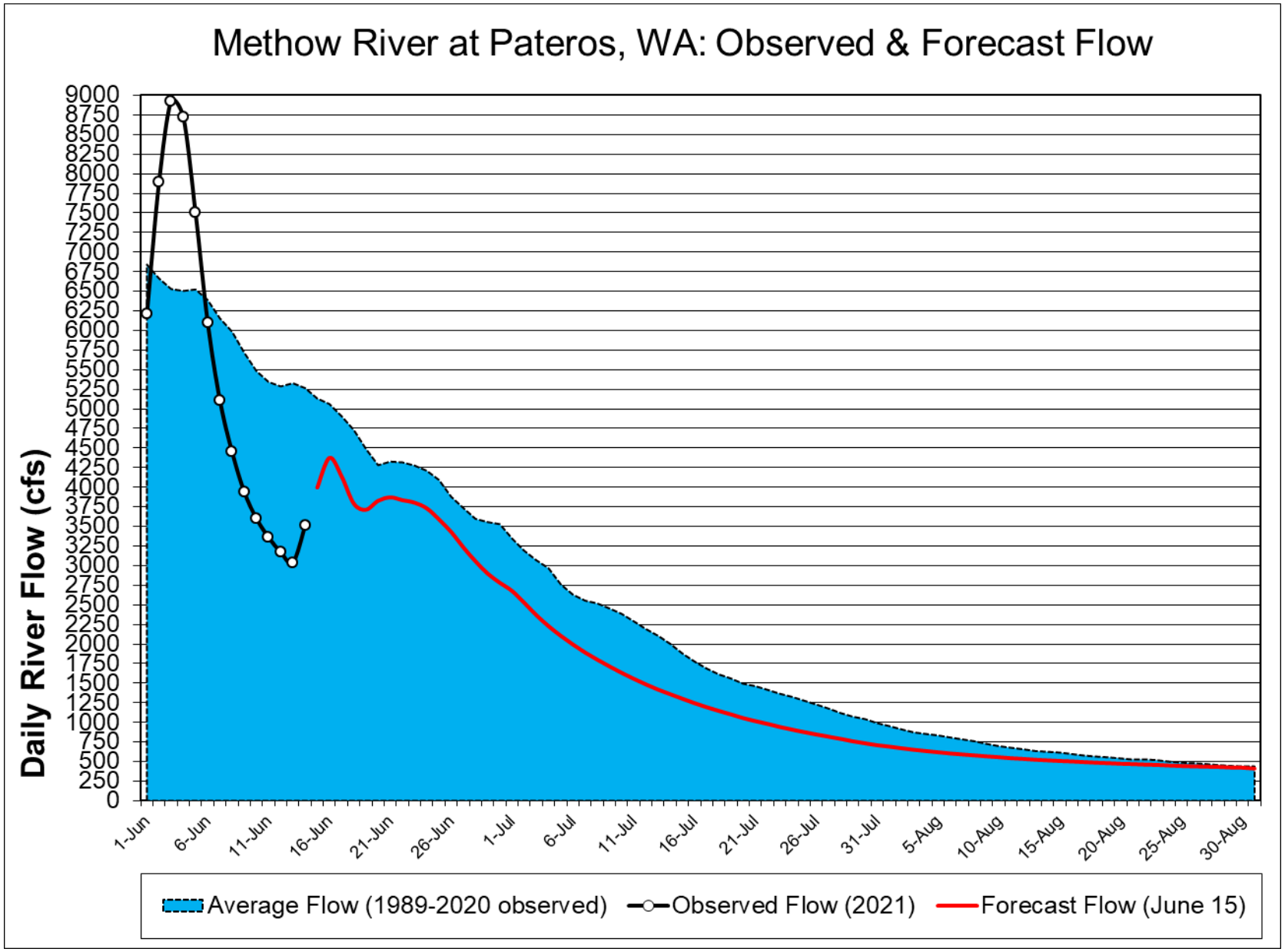
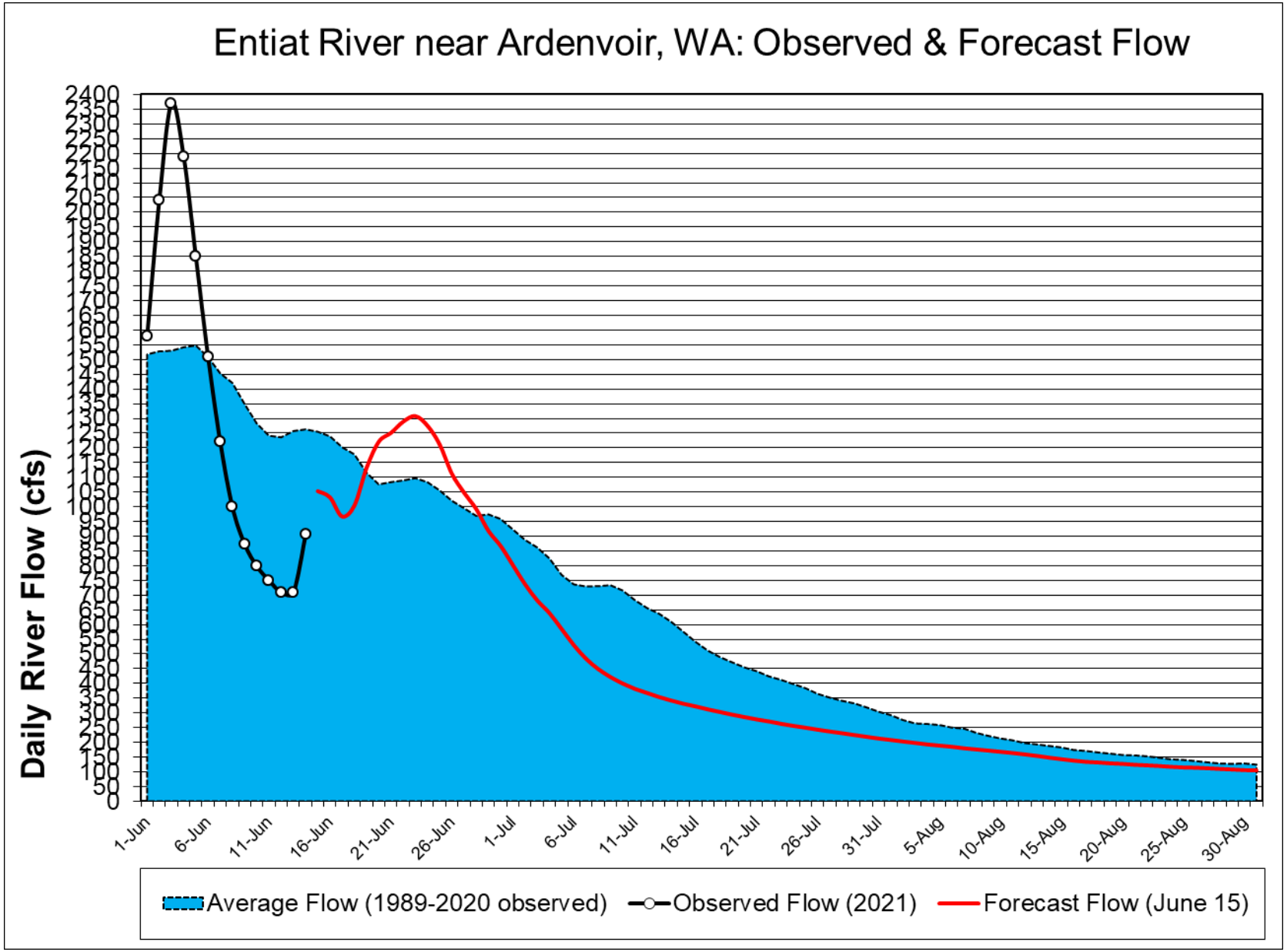
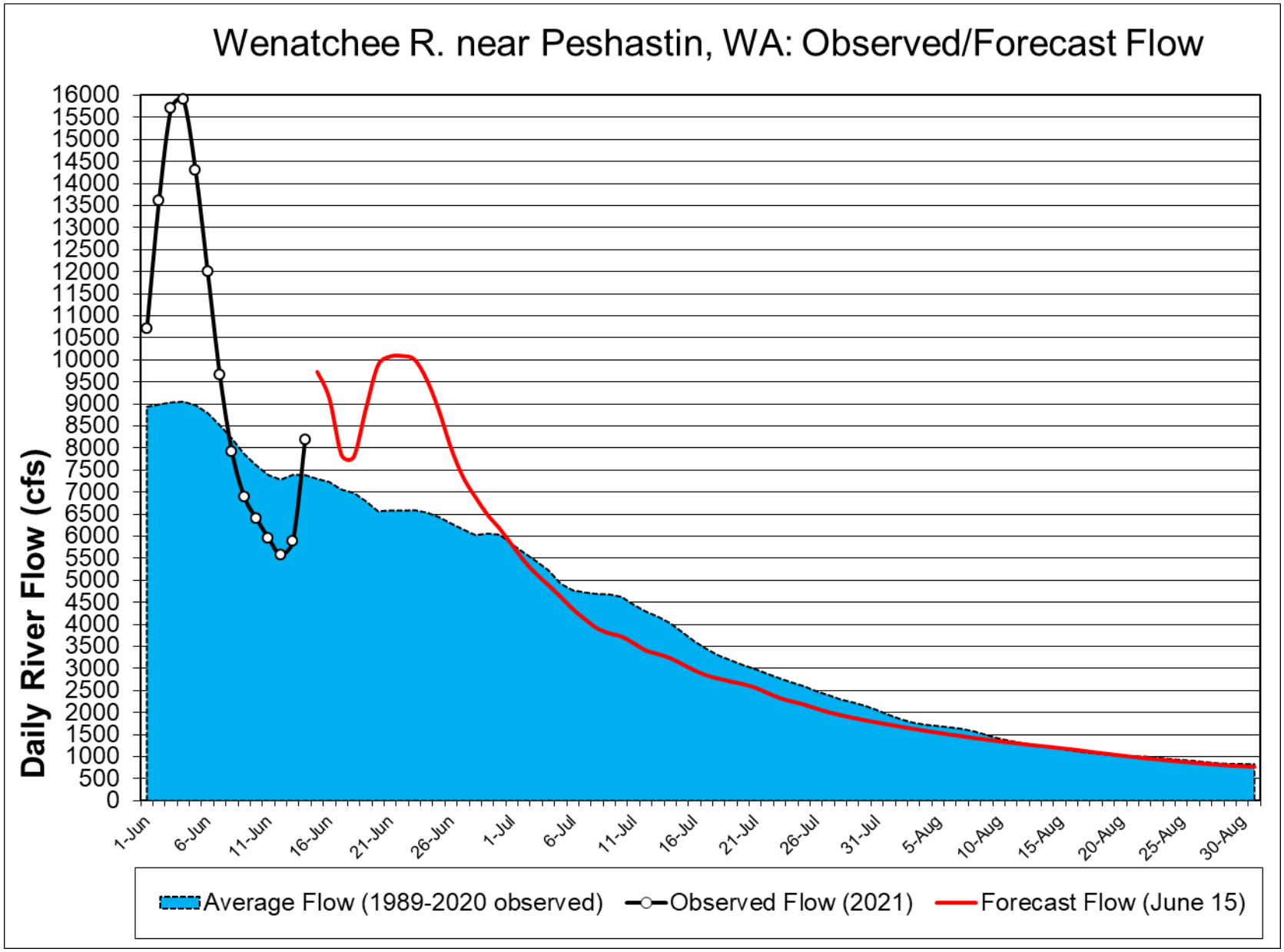
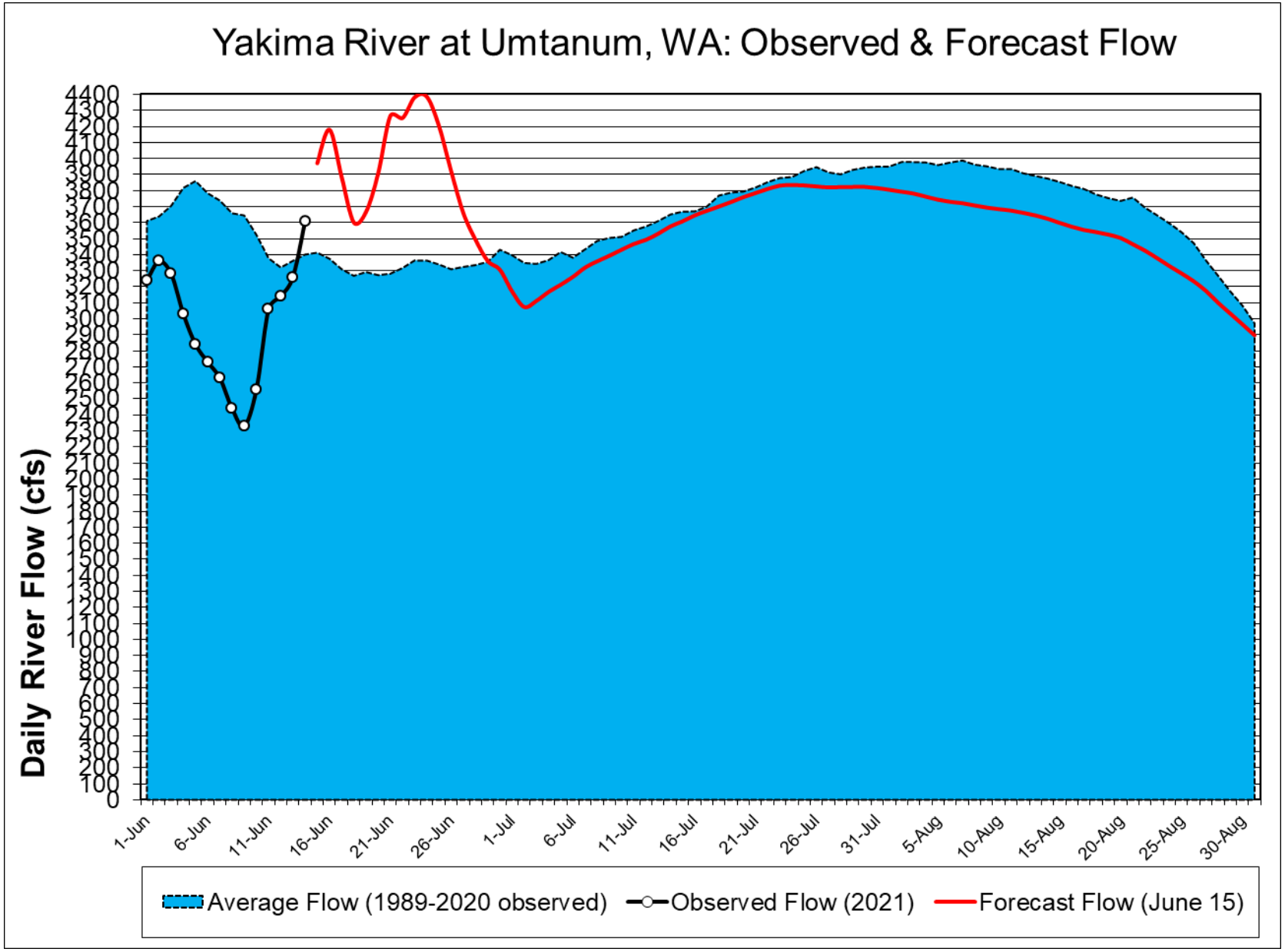
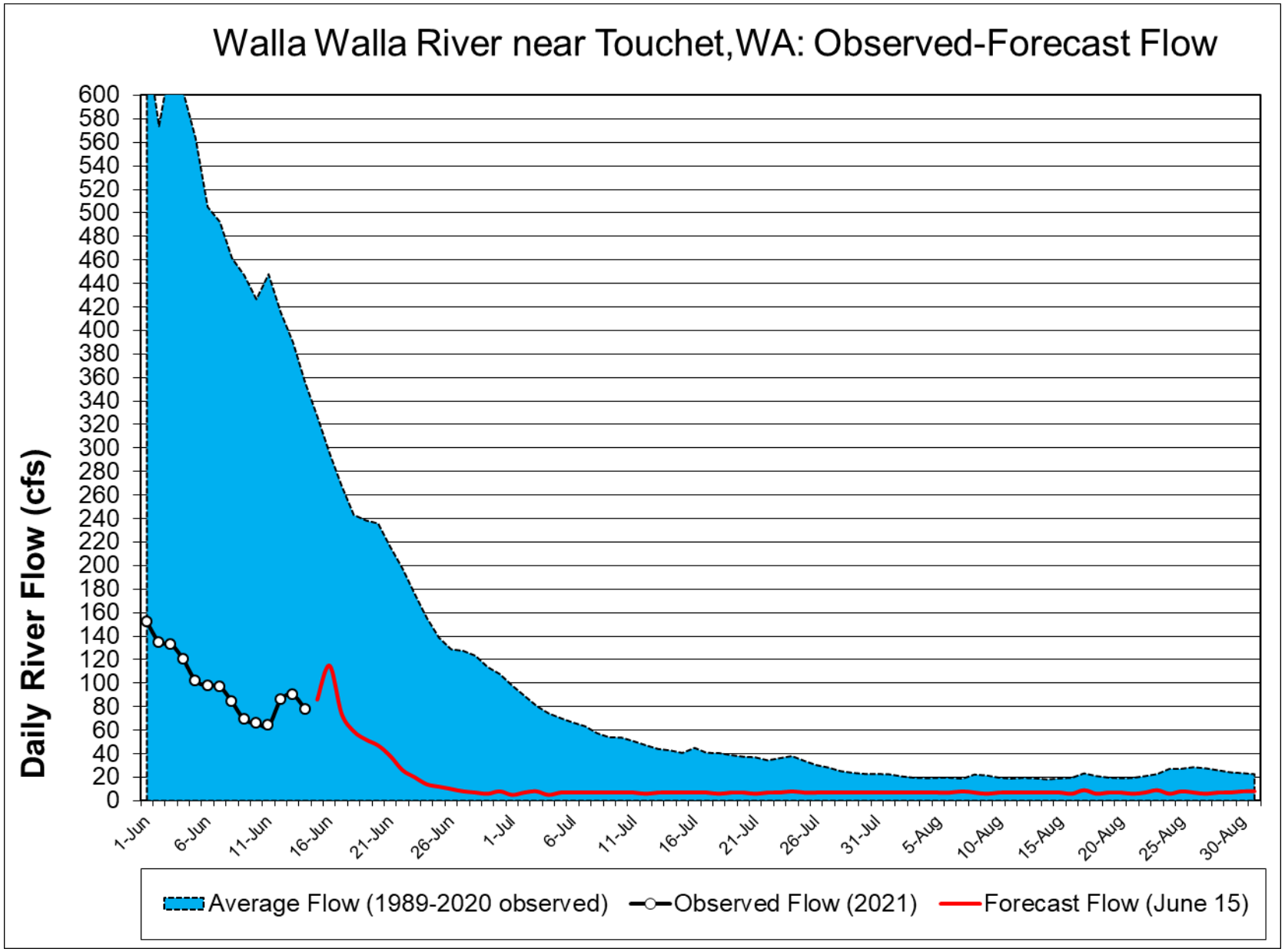

Okanogan River at Tonasket, WA: Observed & Forecast Flow
Daily River Flow (cfs)
14000
13500
13000
12500
12000
11500
11000
10500
10000
9500
9000
8500
8000
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

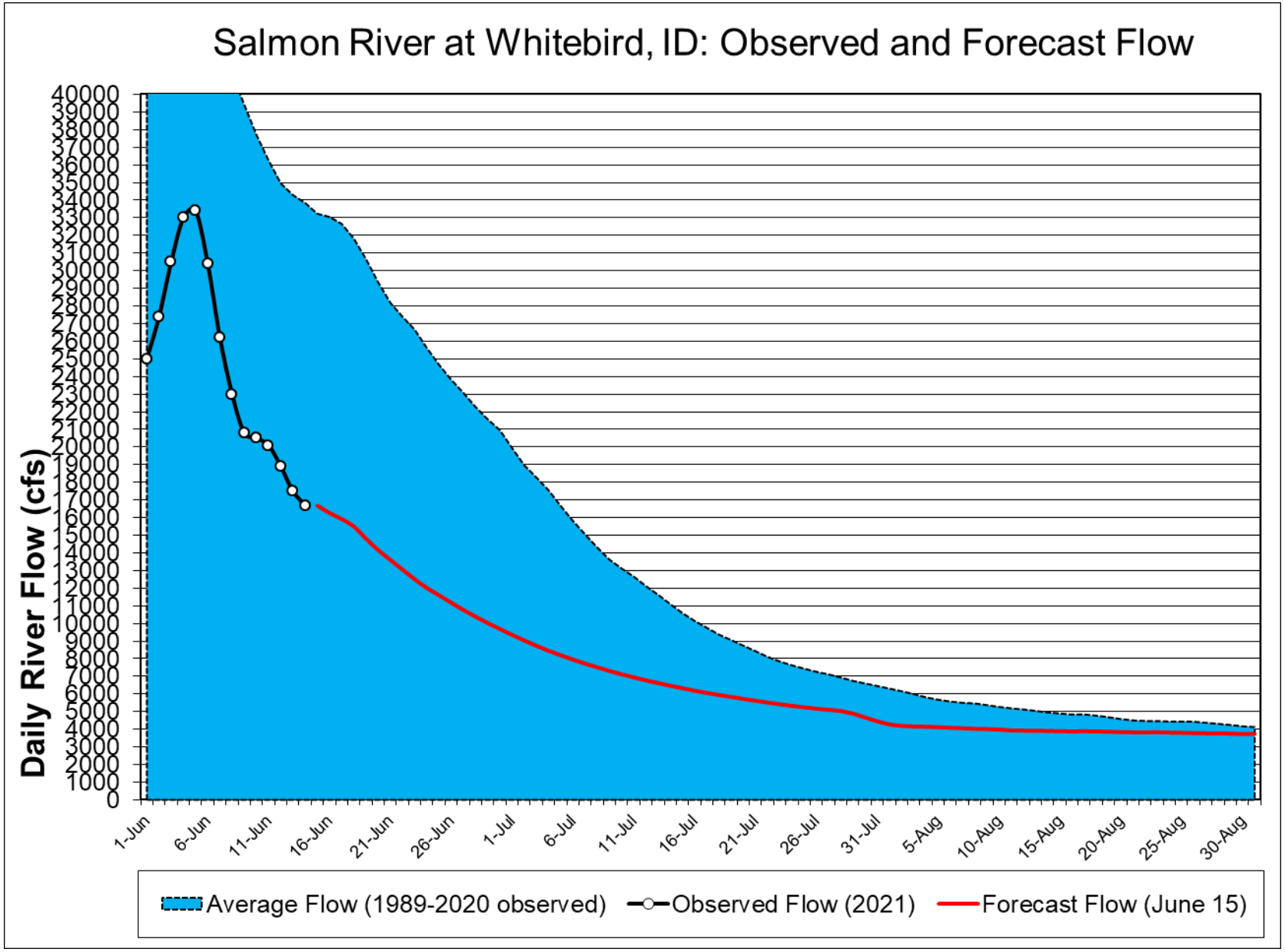

Methow River at Pateros, WA: Observed & Forecast Flow
Daily River Flow (cfs)
9000
8750
8500
8250
8000
7750
7500
7250
7000
6750
6500
6250
6000
5750
5500
5250
5000
4750
4500
4250
4000
3750
3500
3250
3000
2750
2500
2250
2000
1750
1500
1250
1000
750
500
250
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

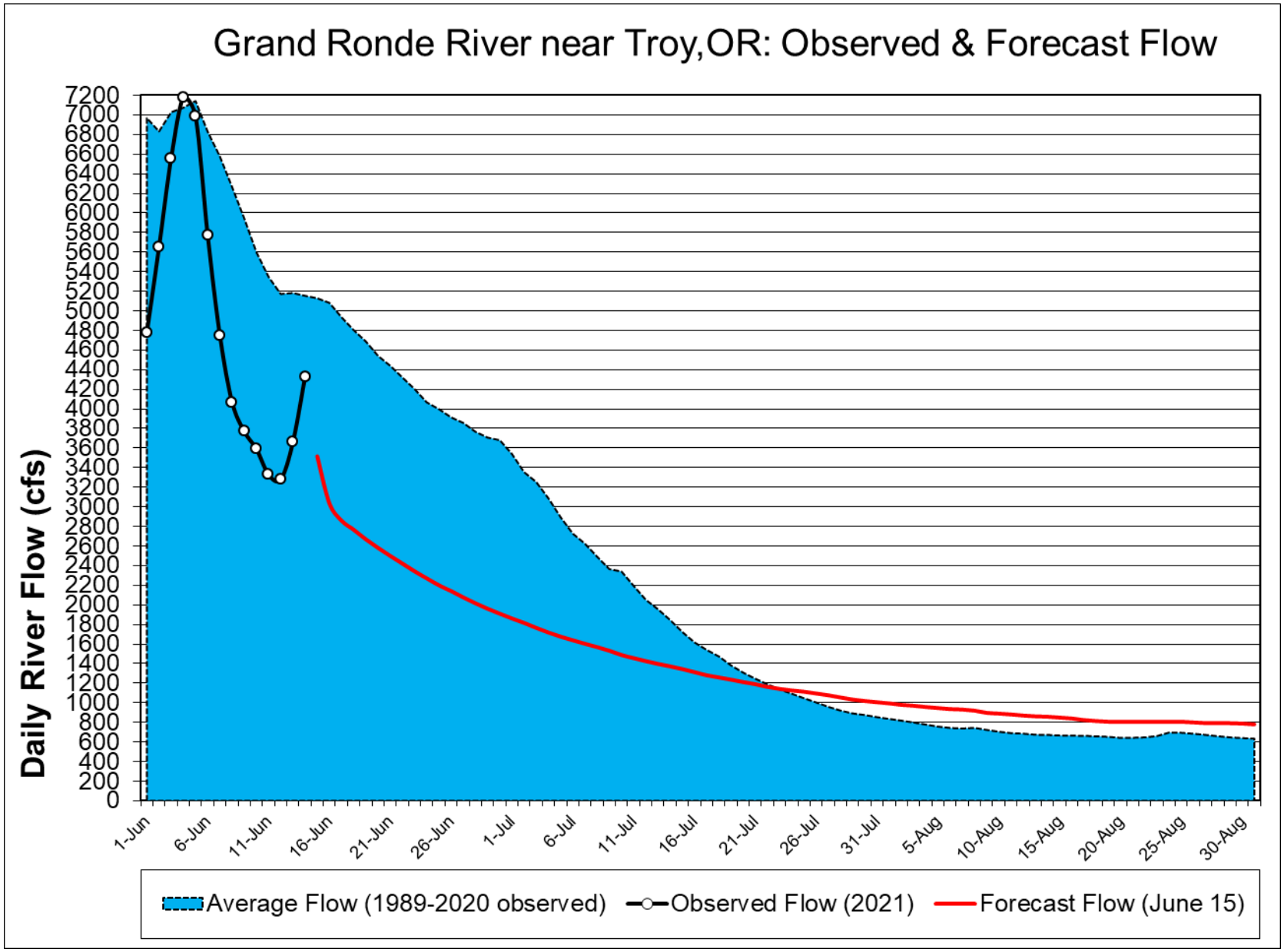

Entiat River near Ardenvoir, WA: Observed & Forecast Flow
Daily River Flow (cfs)
2400
2350
2300
2250
2200
2150
2100
2050
2000
1950
1900
1850
1800
1750
1700
1650
1600
1550
1500
1450
1400
1350
1300
1250
1200
1150
1100
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

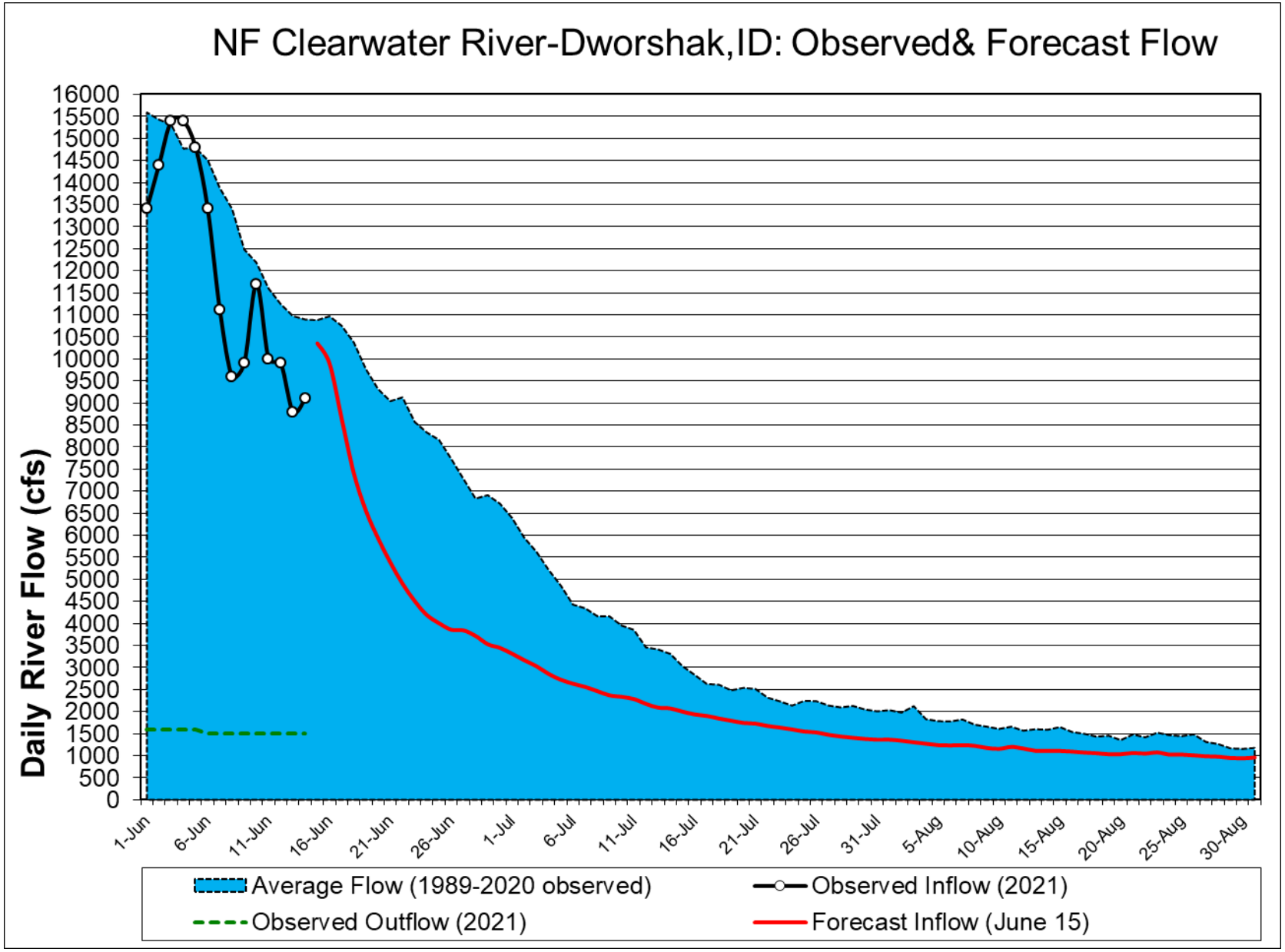

Wenatchee R. near Peshastin, WA: Observed/Forecast Flow
Daily River Flow (cfs)
16000
15500
15000
14500
14000
13500
13000
12500
12000
11500
11000
10500
10000
9500
9000
8500
8000
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

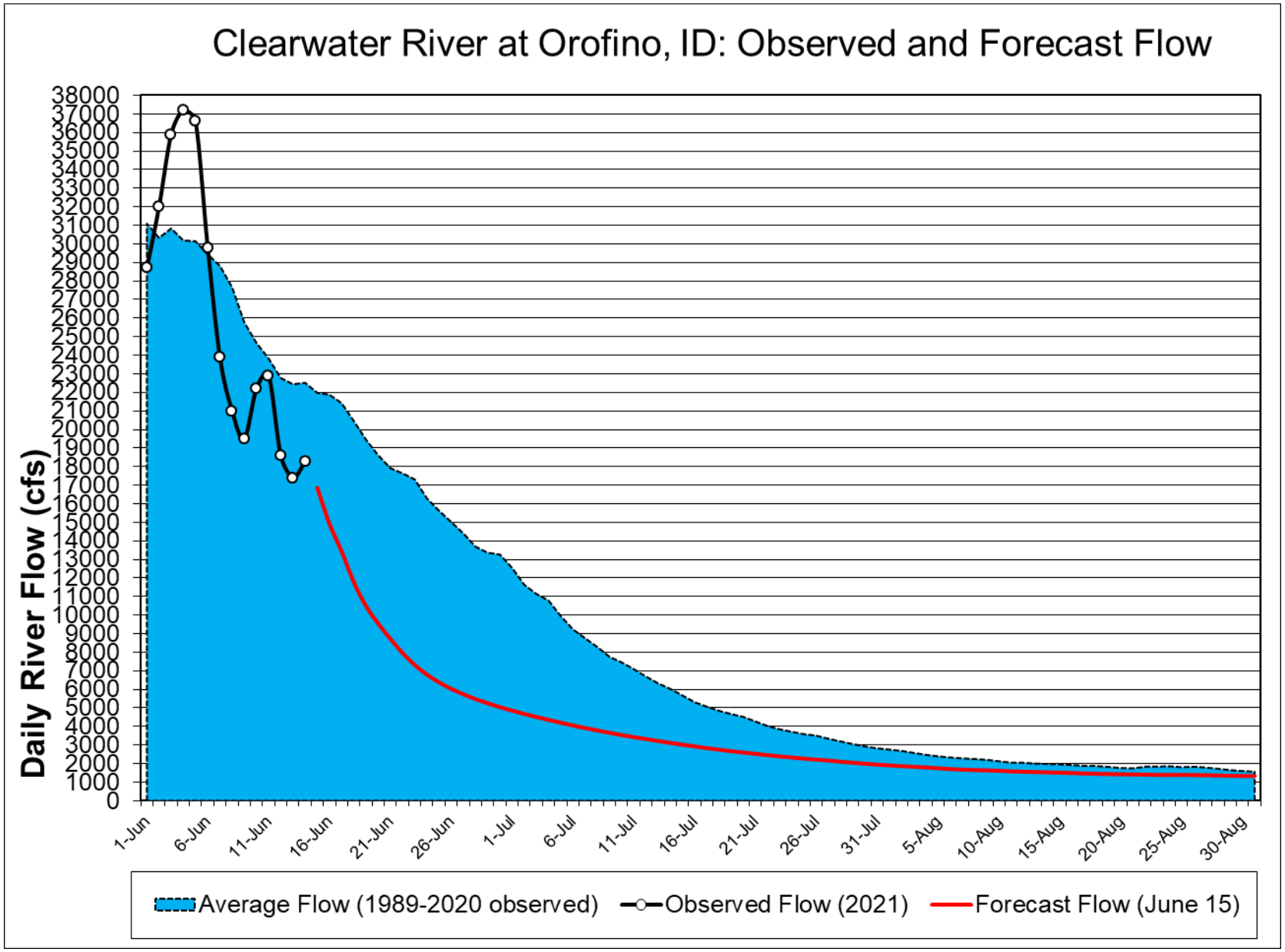

Yakima River at Umtanum, WA: Observed & Forecast Flow
Daily River Flow (cfs)
4400
4300
4200
4100
4000
3900
3800
3700
3600
3500
3400
3300
3200
3100
3000
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

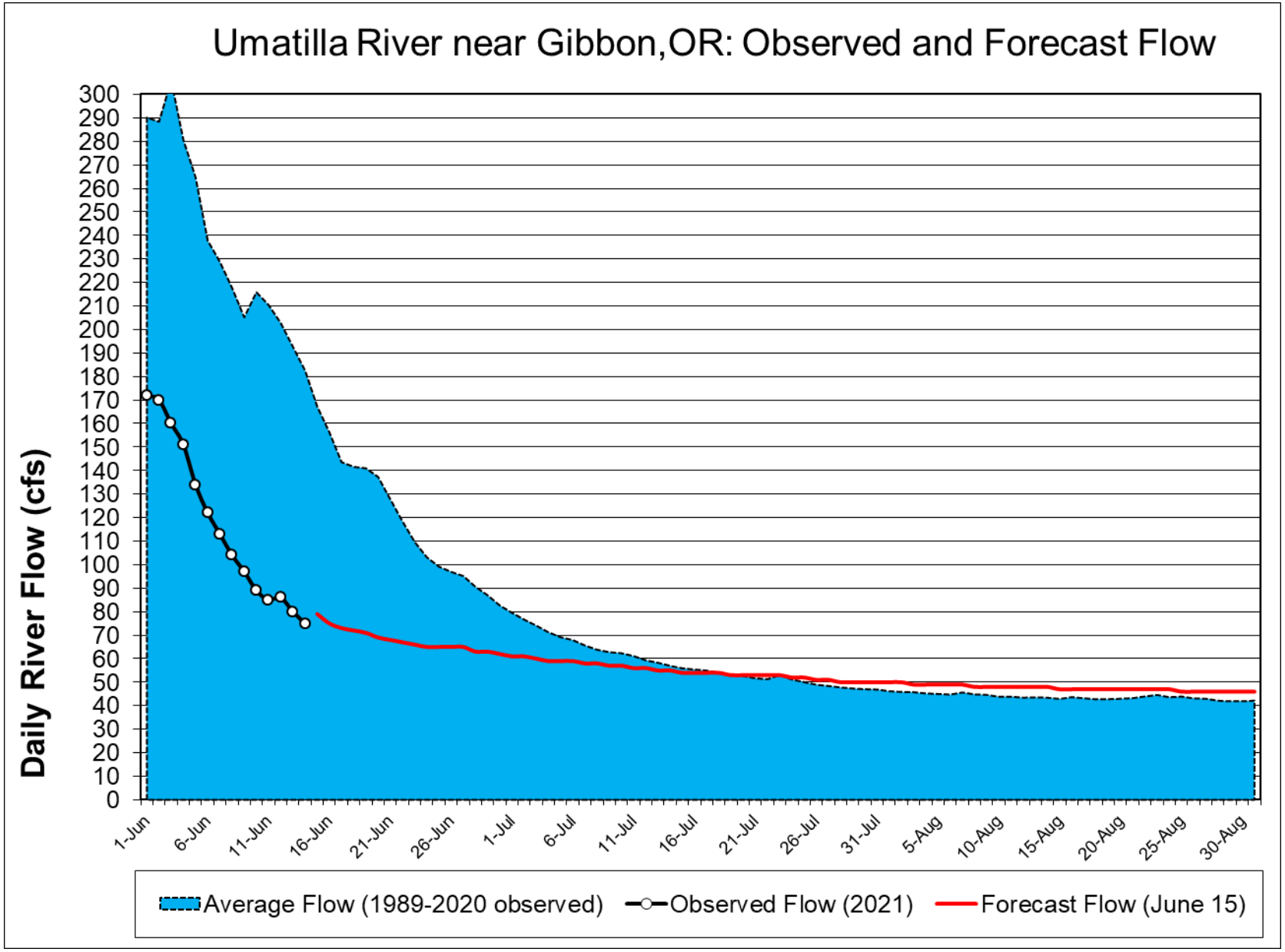

Walla Walla River near Touchet,WA: Observed-Forecast Flow
Daily River Flow (cfs)
600
580
560
540
520
500
480
460
440
420
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

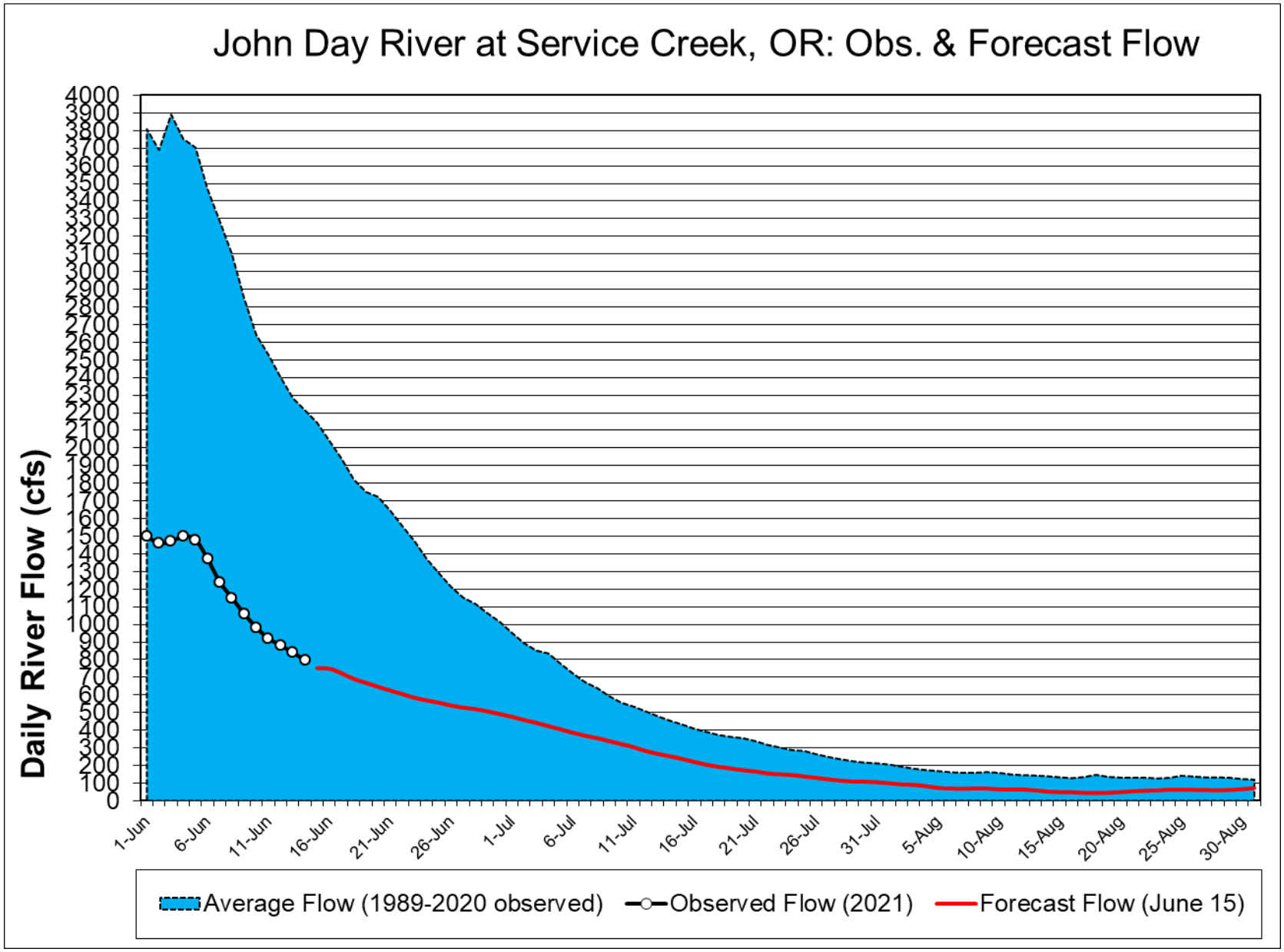

Salmon River at Whitebird, ID: Observed and Forecast Flow
Daily River Flow (cfs)
40000
39000
38000
37000
36000
35000
34000
33000
32000
31000
30000
29000
28000
27000
26000
25000
24000
23000
22000
21000
20000
19000
18000
17000
16000
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

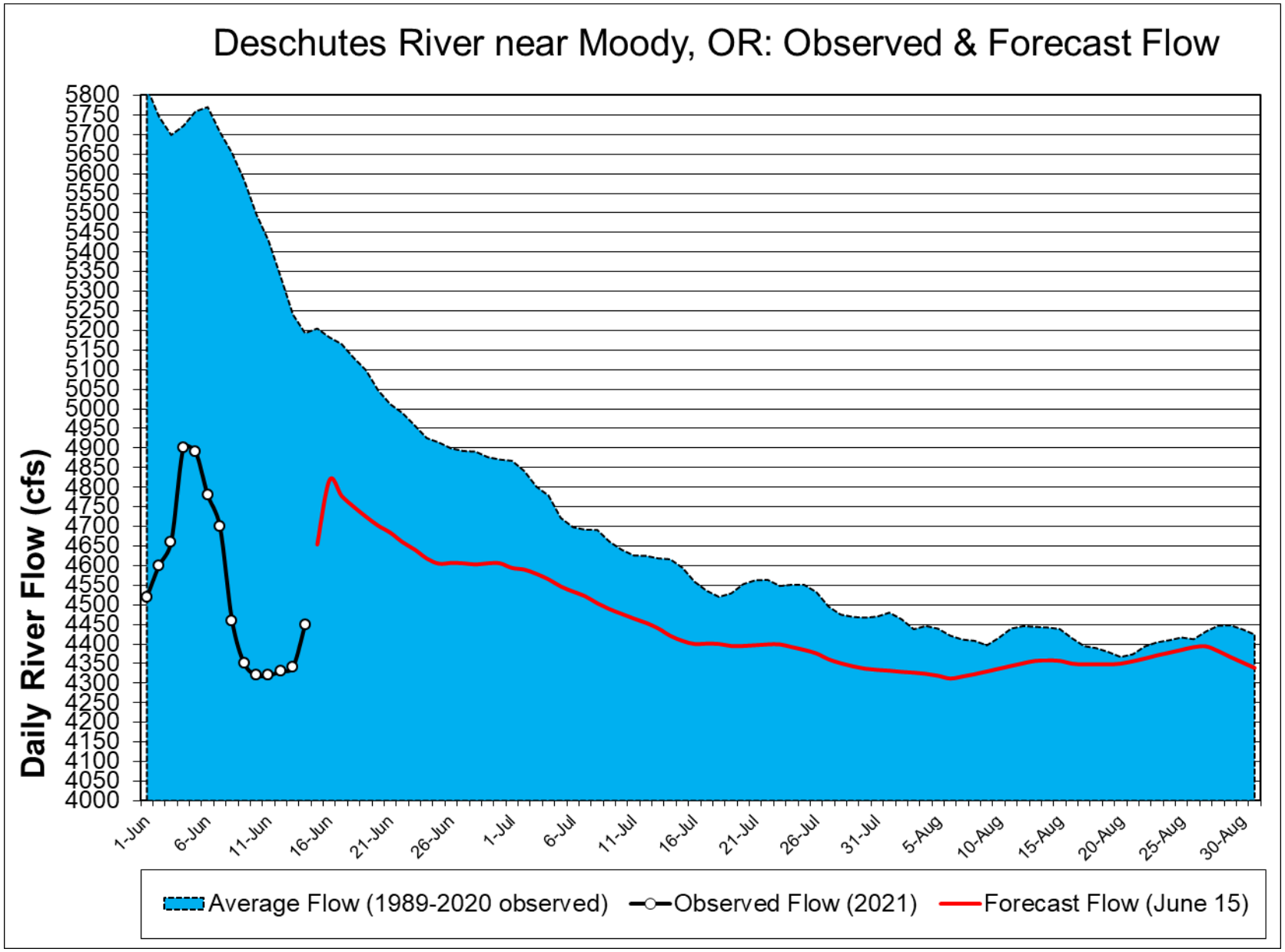

Grand Ronde River near Troy,OR: Observed & Forecast Flow
Daily River Flow (cfs)
7200
7000
6800
6600
6400
6200
6000
5800
5600
5400
5200
5000
4800
4600
4400
4200
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

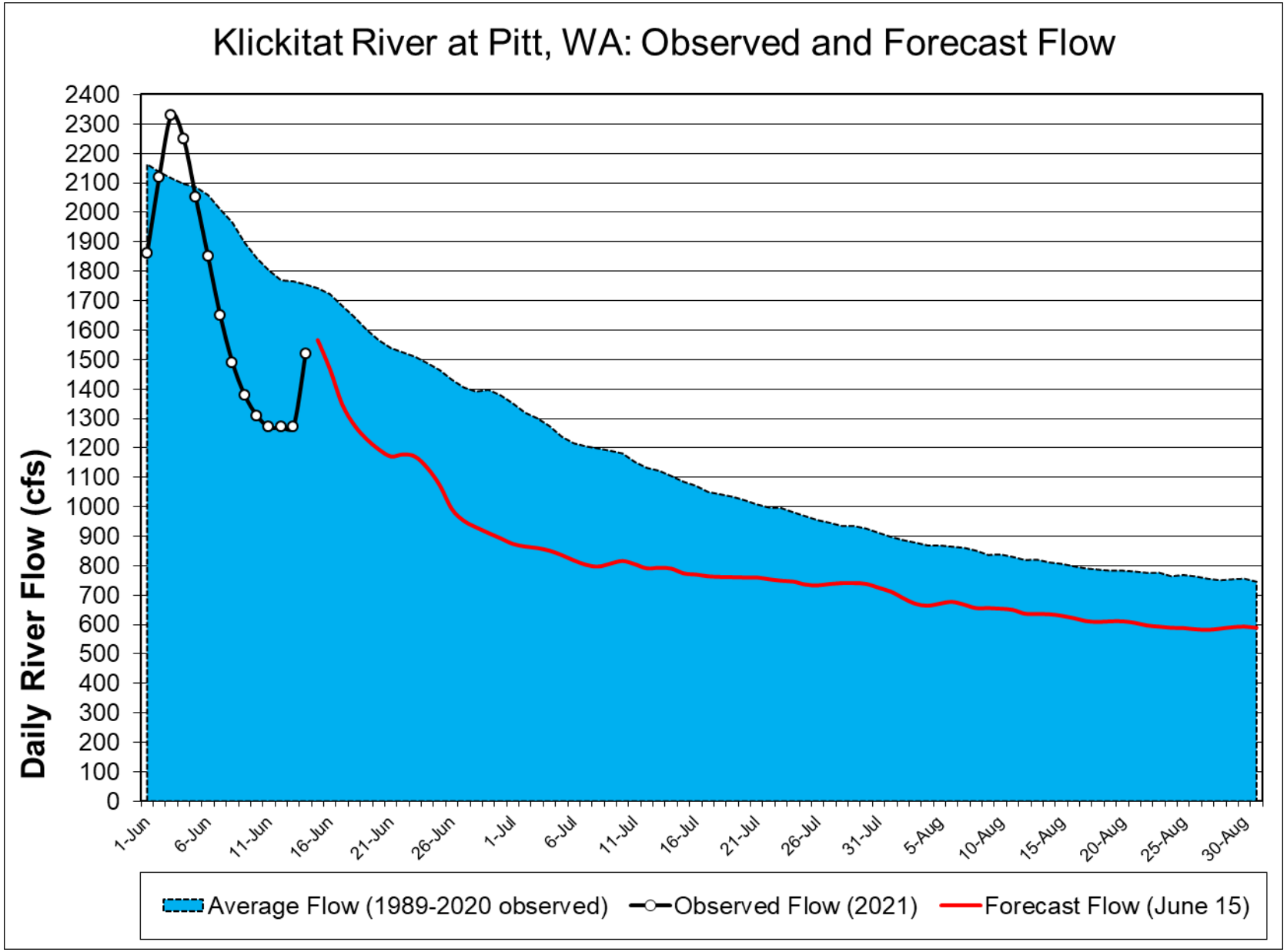

NF Clearwater River-Dworshak,ID: Observed& Forecast Flow
Daily River Flow (cfs)
16000
15500
15000
14500
14000
13500
13000
12500
12000
11500
11000
10500
10000
9500
9000
8500
8000
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Inflow (2021)
Observed Outflow (2021)
Forecast Inflow (June 15)

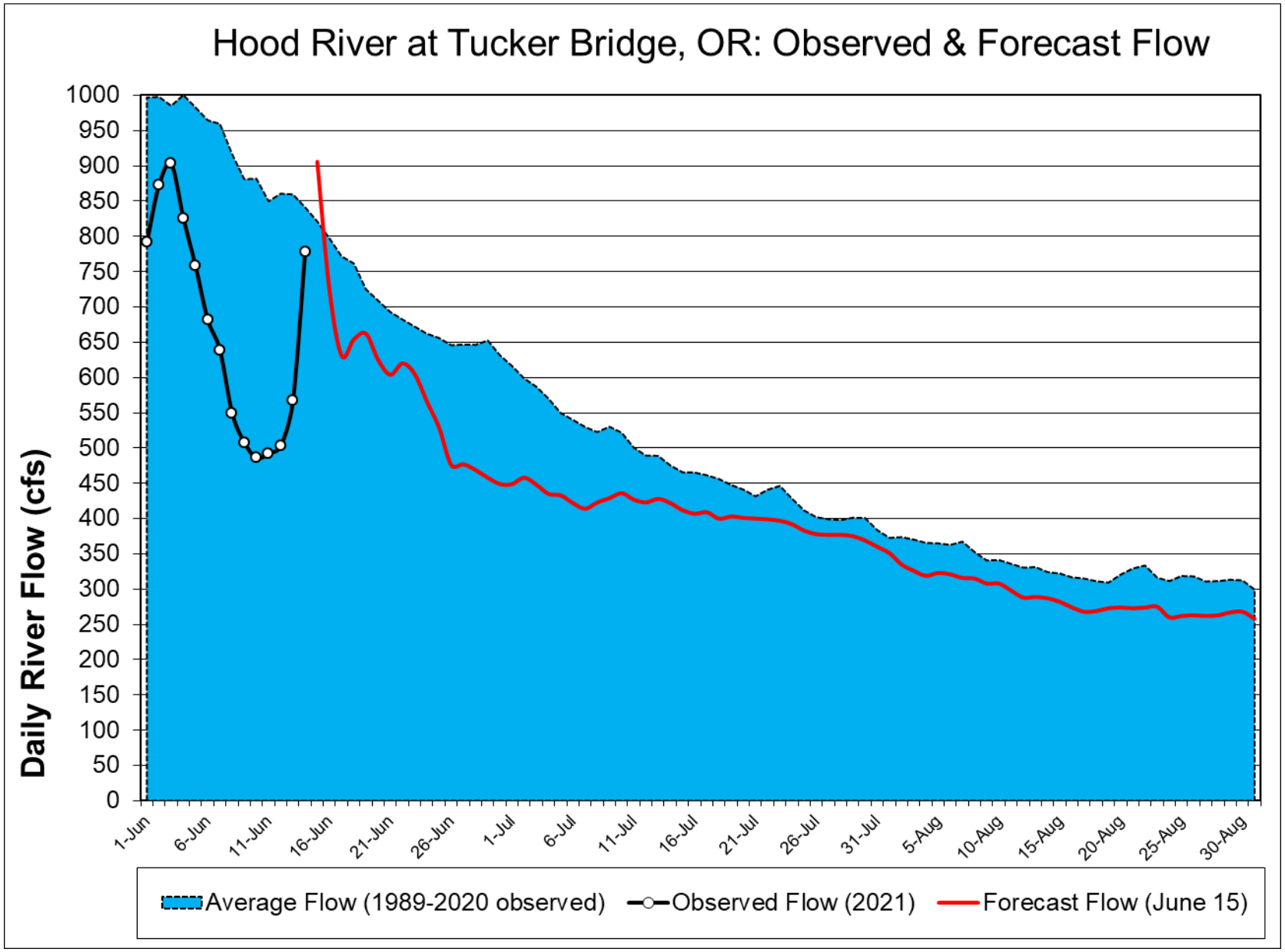

Clearwater River at Orofino, ID: Observed and Forecast Flow
Daily River Flow (cfs)
38000
37000
36000
35000
34000
33000
32000
31000
30000
29000
28000
27000
26000
25000
24000
23000
22000
21000
20000
19000
18000
17000
16000
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

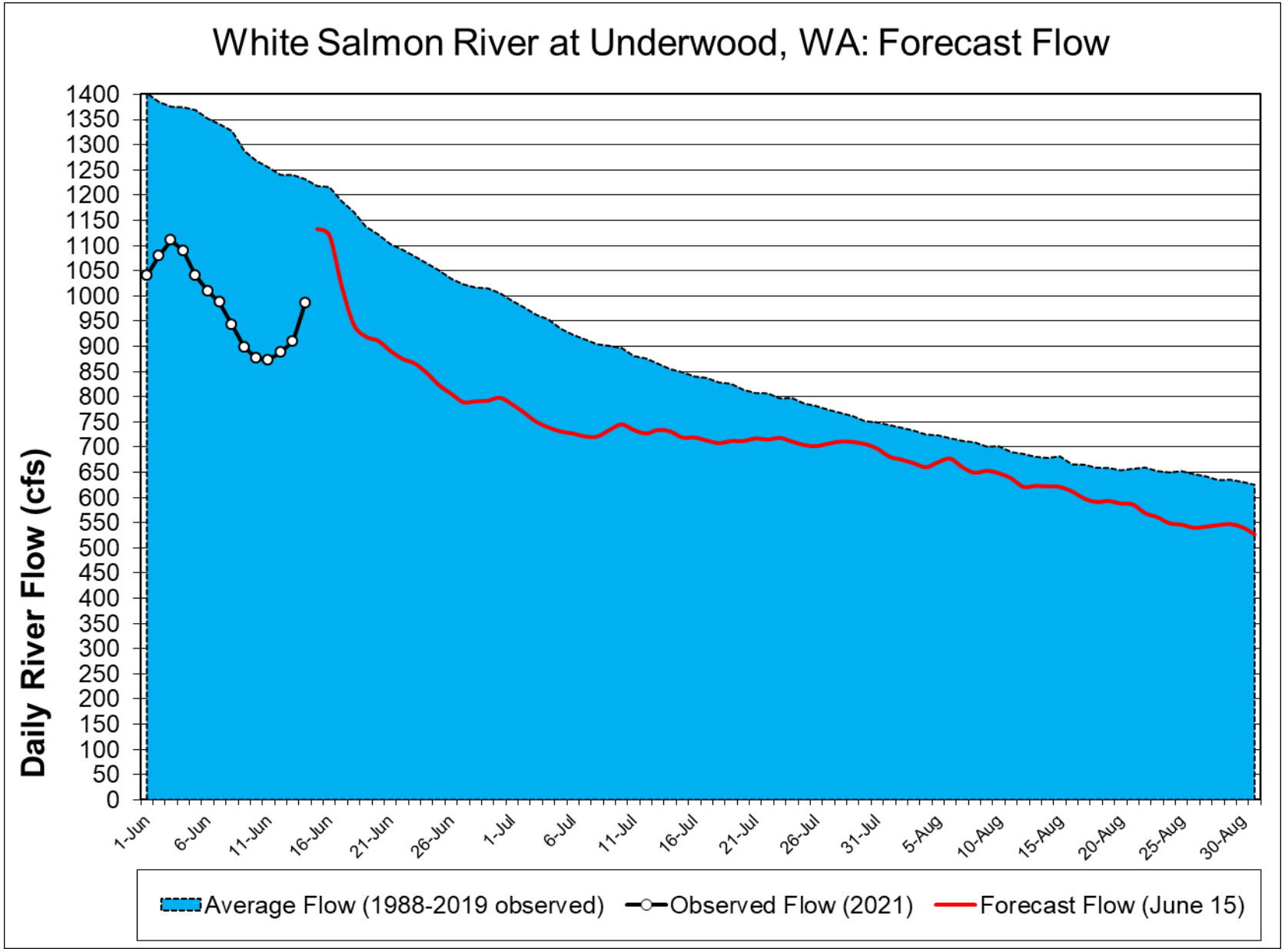

Umatilla River near Gibbon,OR: Observed and Forecast Flow
Daily River Flow (cfs)
300
290
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

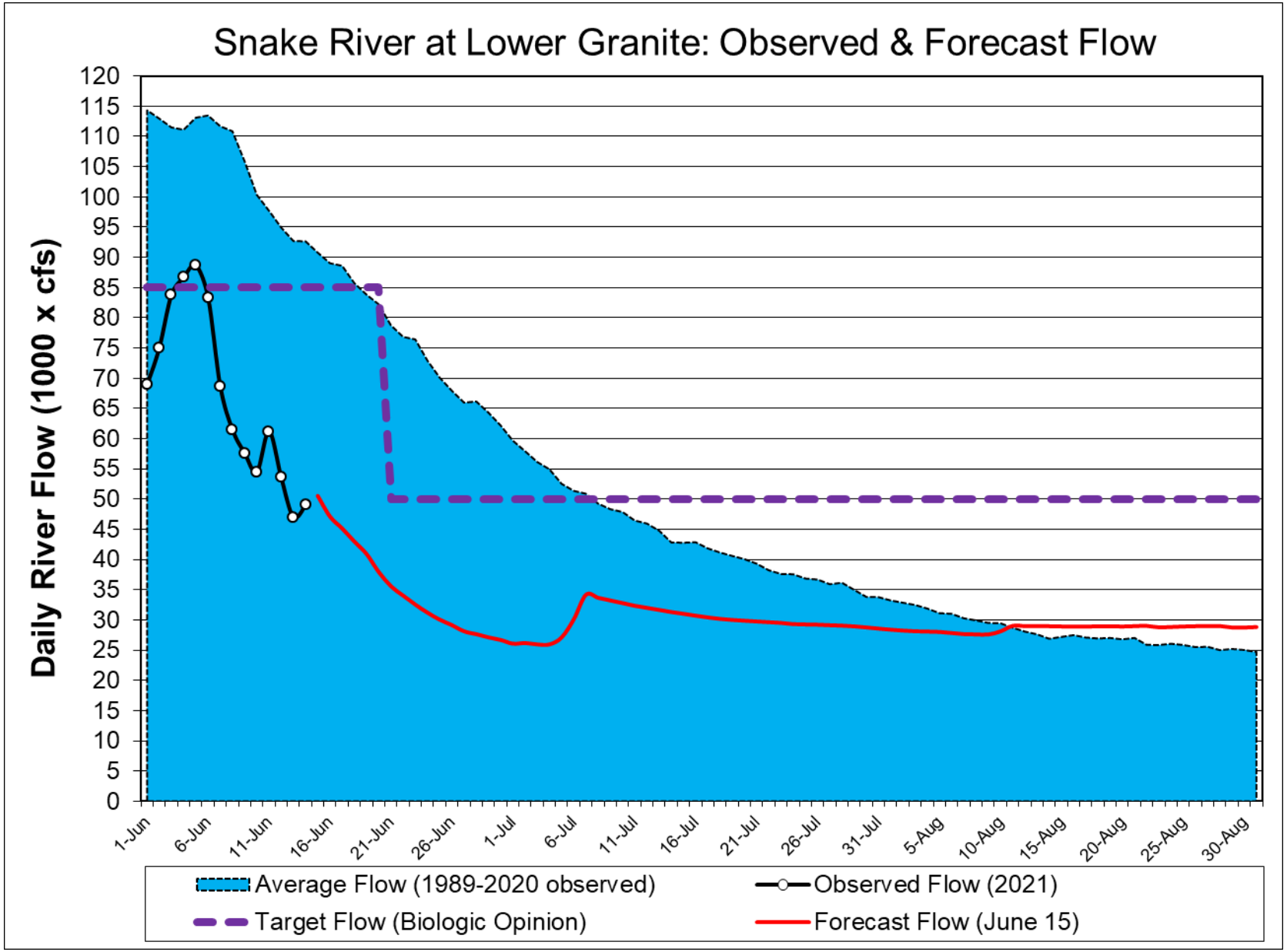

John Day River at Service Creek, OR: Obs. & Forecast Flow
Daily River Flow (cfs)
4000
3900
3800
3700
3600
3500
3400
3300
3200
3100
3000
2900
2800
2700
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

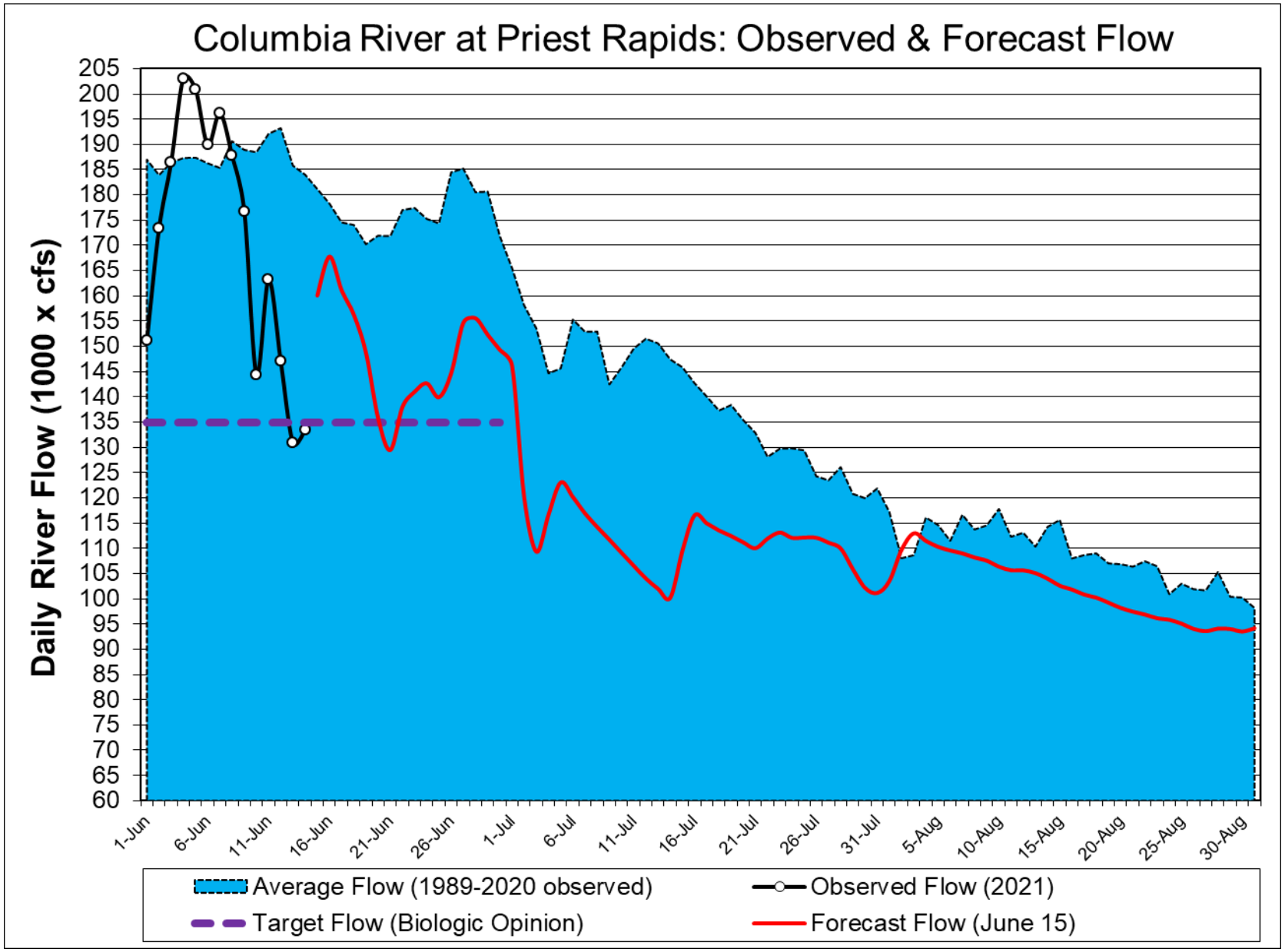

Deschutes River near Moody, OR: Observed & Forecast Flow
Daily River Flow (cfs)
5800
5750
5700
5650
5600
5550
5500
5450
5400
5350
5300
5250
5200
5150
5100
5050
5000
4950
4900
4850
4800
4750
4700
4650
4600
4550
4500
4450
4400
4350
4300
4250
4200
4150
4100
4050
4000
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

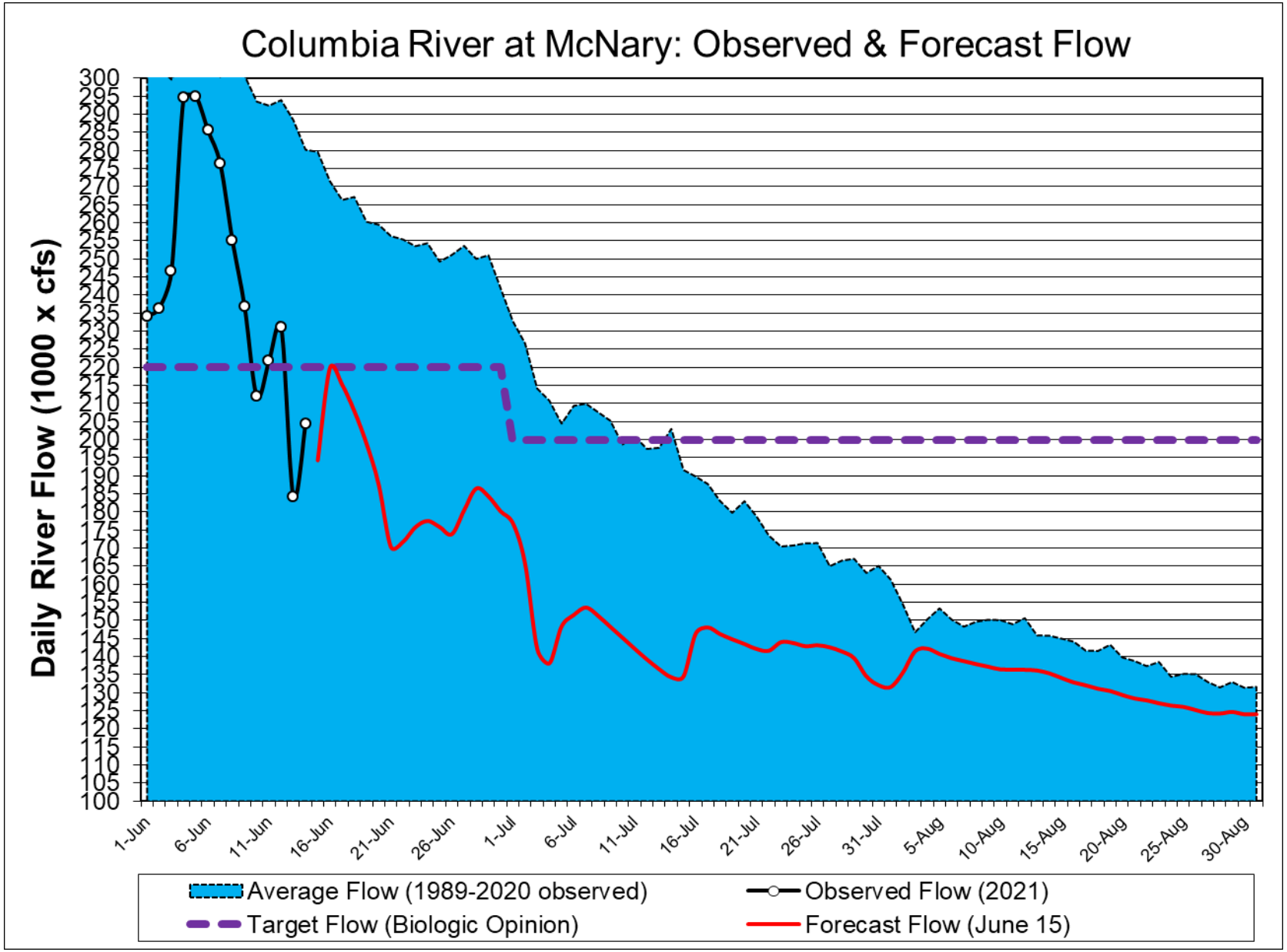

Klickitat River at Pitt, WA: Observed and Forecast Flow
Daily River Flow (cfs)
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)

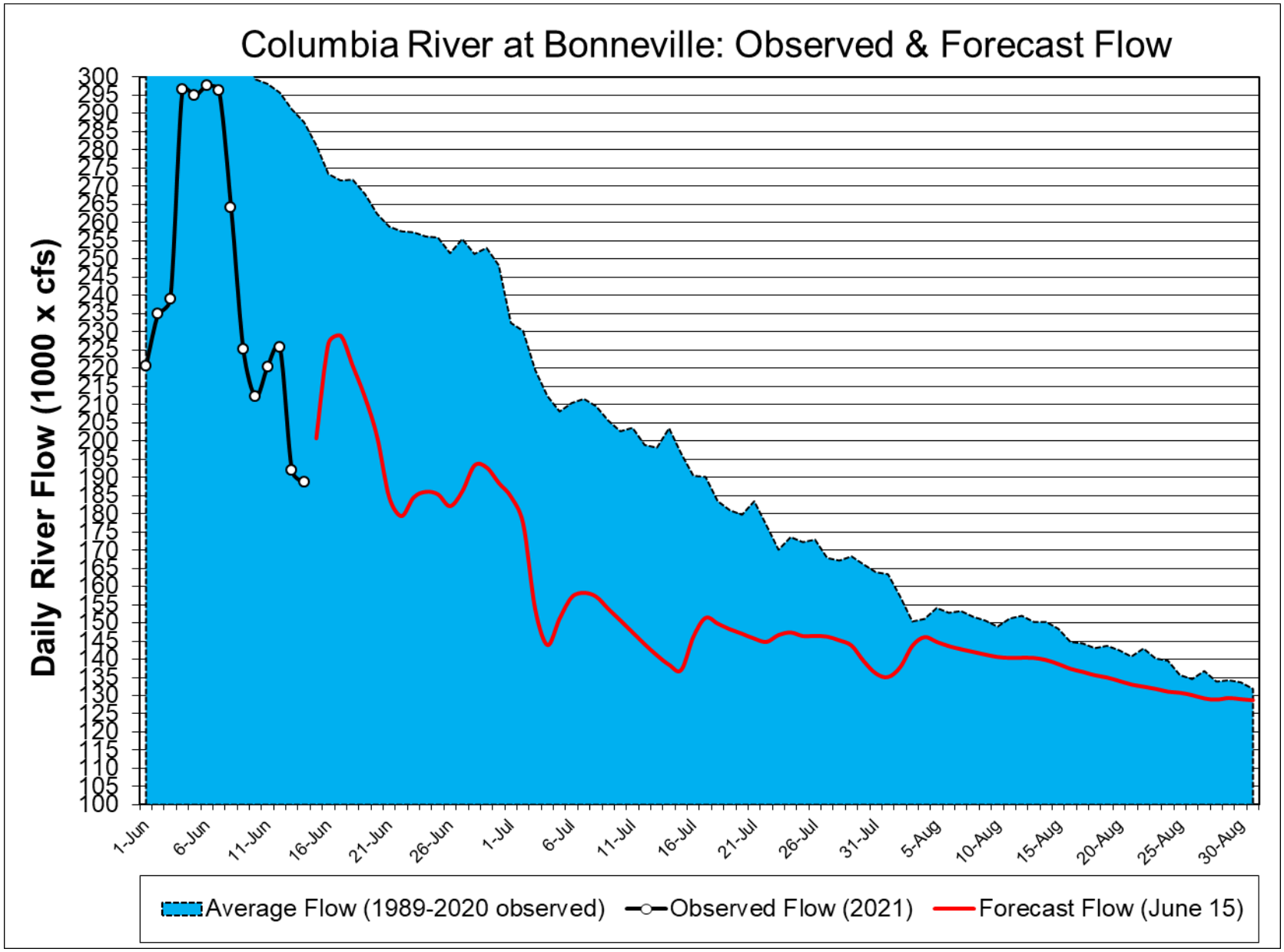

Hood River at Tucker Bridge, OR: Observed & Forecast Flow
Daily River Flow (cfs)
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)


White Salmon River at Underwood, WA: Forecast Flow
Daily River Flow (cfs)
1400
1350
1300
1250
1200
1150
1100
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1988-2019 observed)
Observed Flow (2021)
Forecast Flow (June 15)


Snake River at Lower Granite: Observed & Forecast Flow
Daily River Flow (1000 x cfs)
120
115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Target Flow (Biologic Opinion)
Forecast Flow (June 15)


Columbia River at Priest Rapids: Observed & Forecast Flow
Daily River Flow (1000 x cfs)
205
200
195
190
185
180
175
170
165
160
155
150
145
140
135
130
125
120
115
110
105
100
95
90
85
80
75
70
65
60
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Target Flow (Biologic Opinion)
Forecast Flow (June 15)


Columbia River at McNary: Observed & Forecast Flow
Daily River Flow (1000 x cfs)
300
295
290
285
280
275
270
265
260
255
250
245
240
235
230
225
220
215
210
205
200
195
190
185
180
175
170
165
160
155
150
145
140
135
130
125
120
115
110
105
100
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Target Flow (Biologic Opinion)
Forecast Flow (June 15)


Columbia River at Bonneville: Observed & Forecast Flow
Daily River Flow (1000 x cfs)
300
295
290
285
280
275
270
265
260
255
250
245
240
235
230
225
220
215
210
205
200
195
190
185
180
175
170
165
160
155
150
145
140
135
130
125
120
115
110
105
100
1-Jun
6-Jun
11-Jun
16-Jun
21-Jun
26-Jun
1-Jul
6-Jul
11-Jul
16-Jul
21-Jul
26-Jul
31-Jul
5-Aug
10-Aug
15-Aug
20-Aug
25-Aug
30-Aug
Average Flow (1989-2020 observed)
Observed Flow (2021)
Forecast Flow (June 15)