Fire Weather Climatology

and

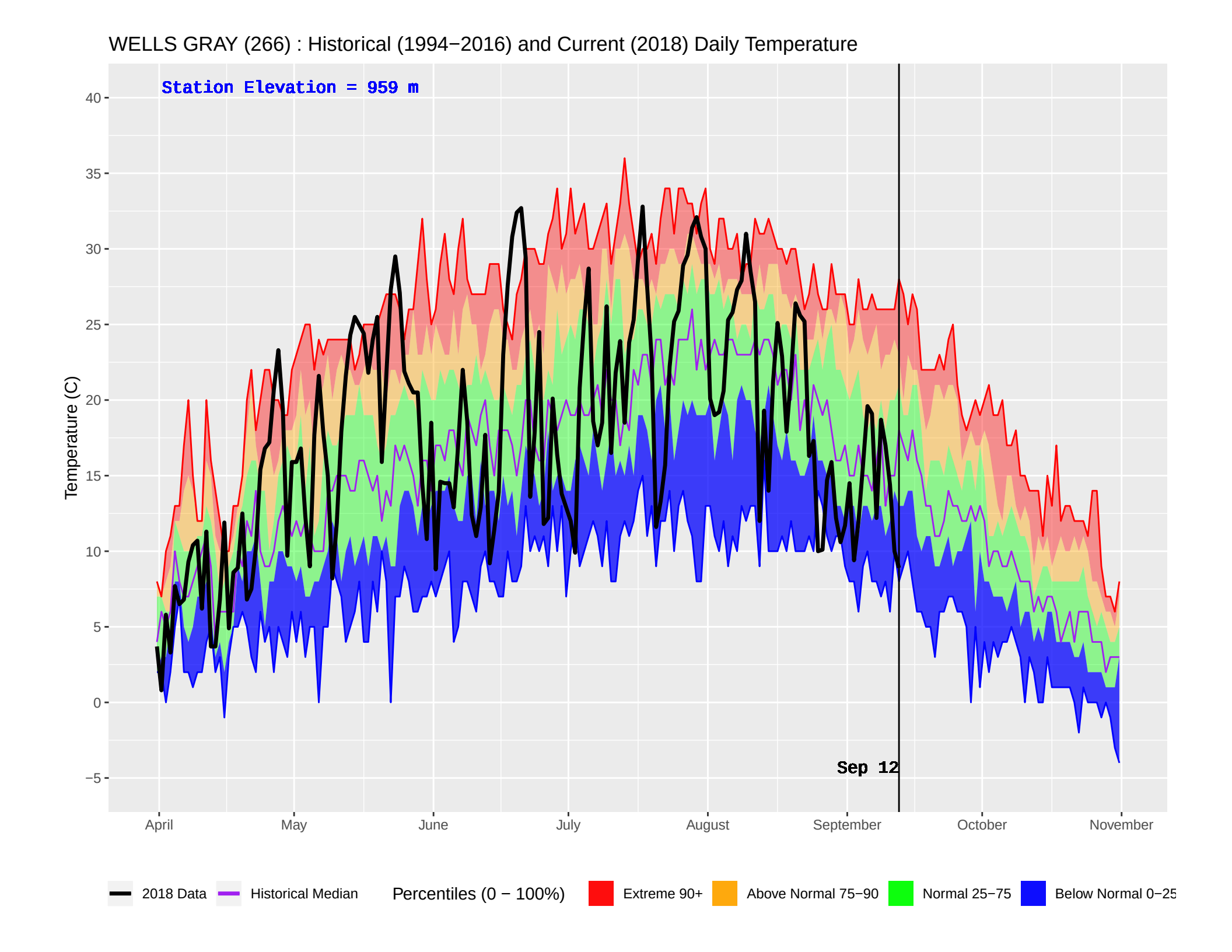
Current (2018) Conditions

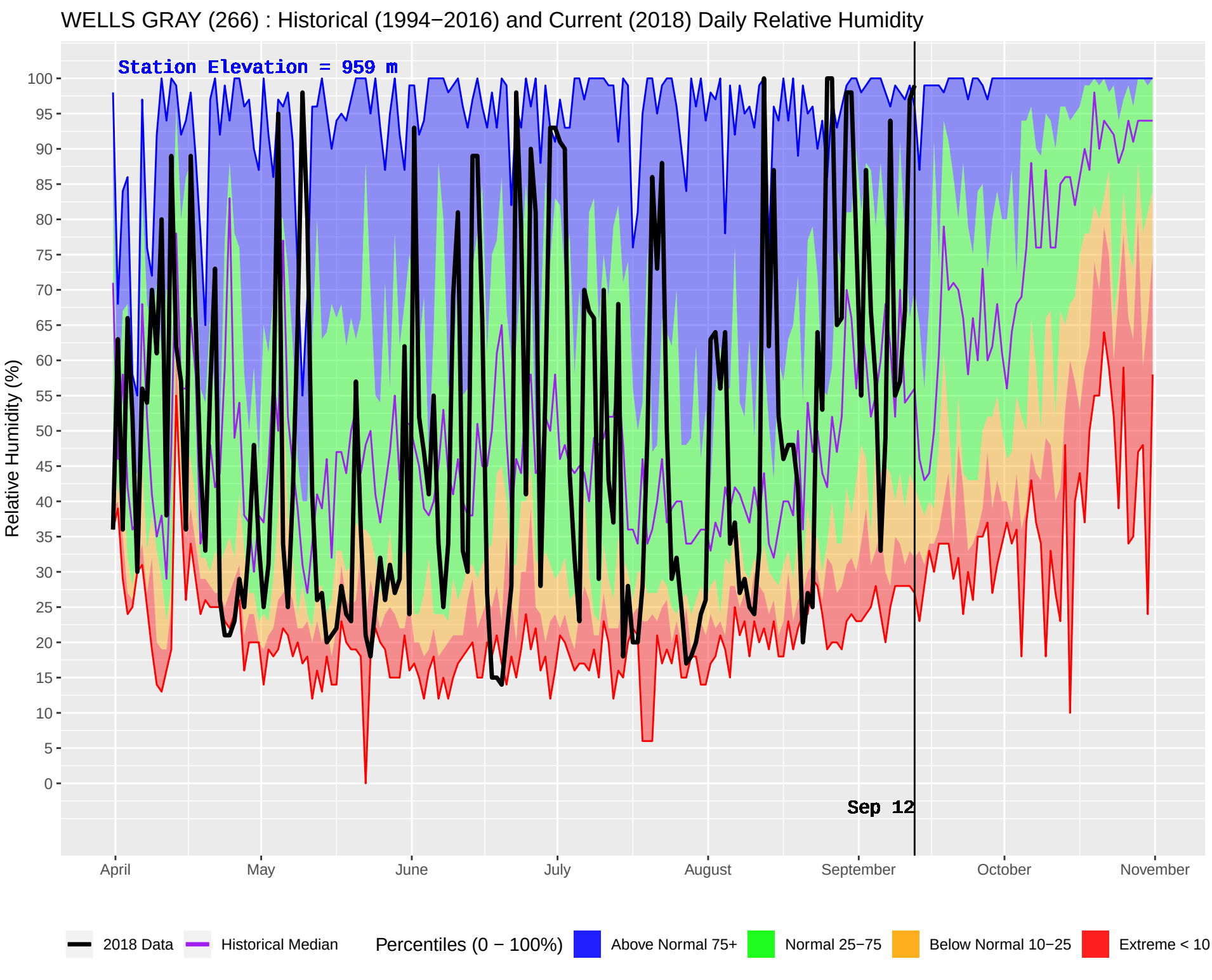
for

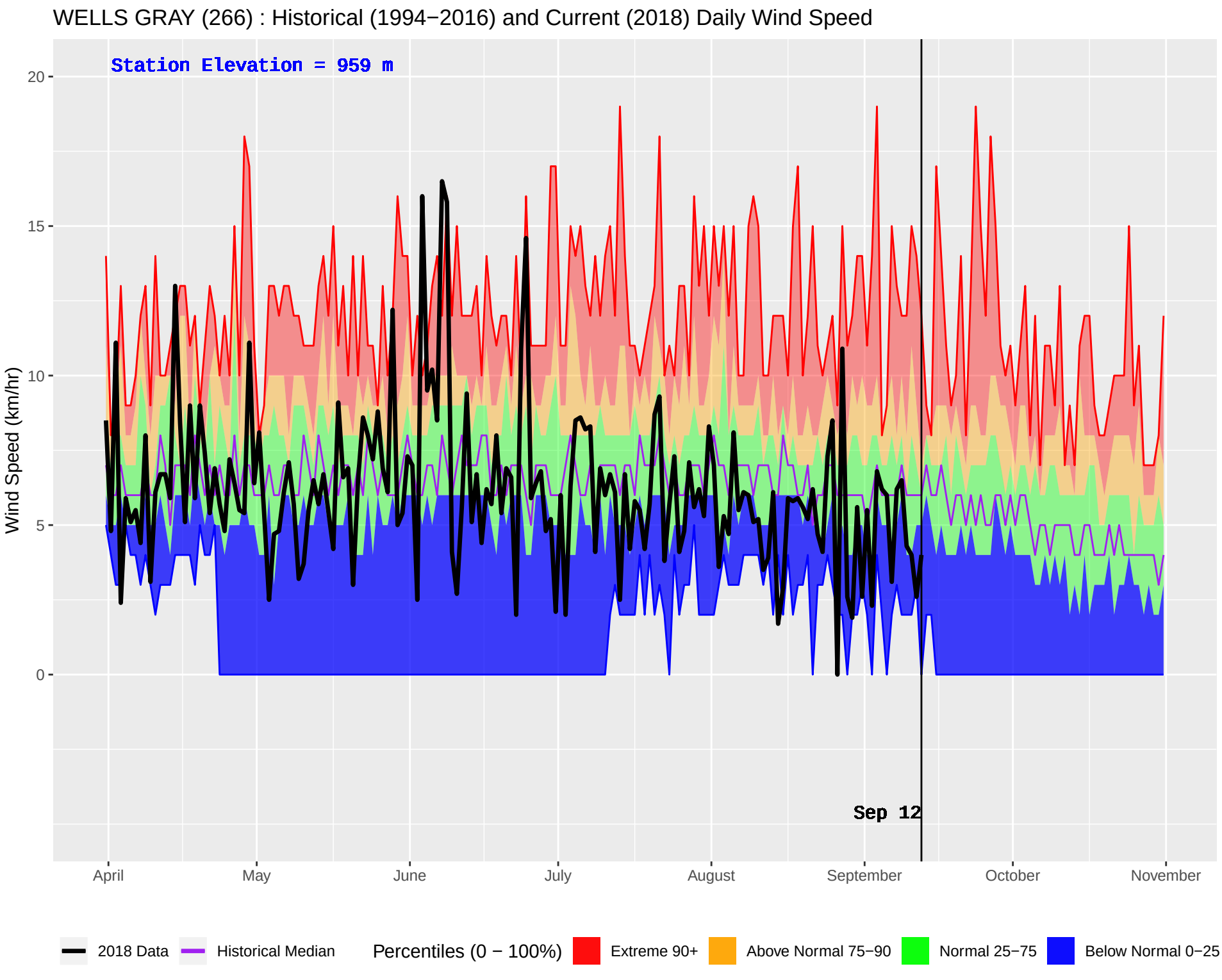
BC: WELLS GRAY Weather Station

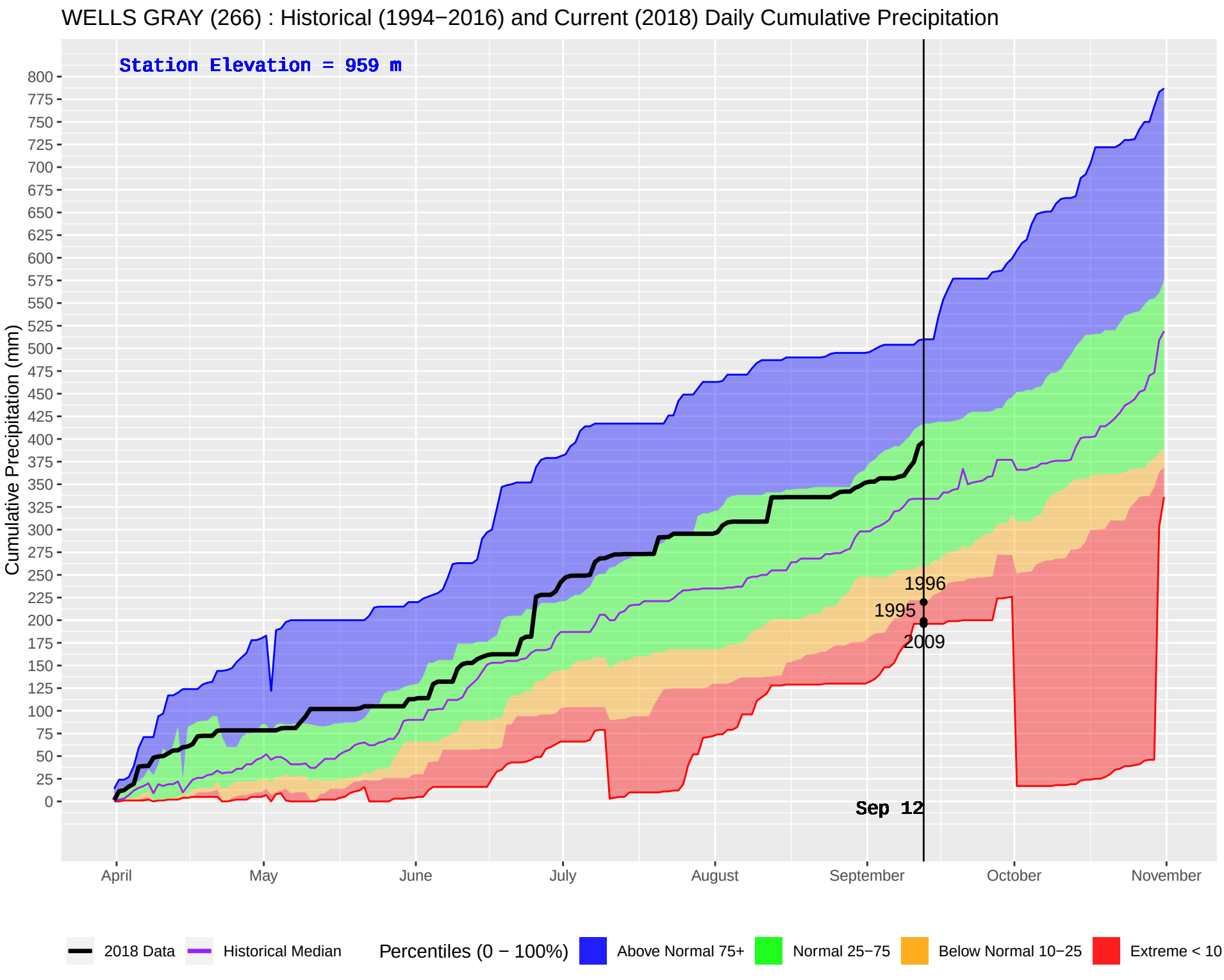
as of

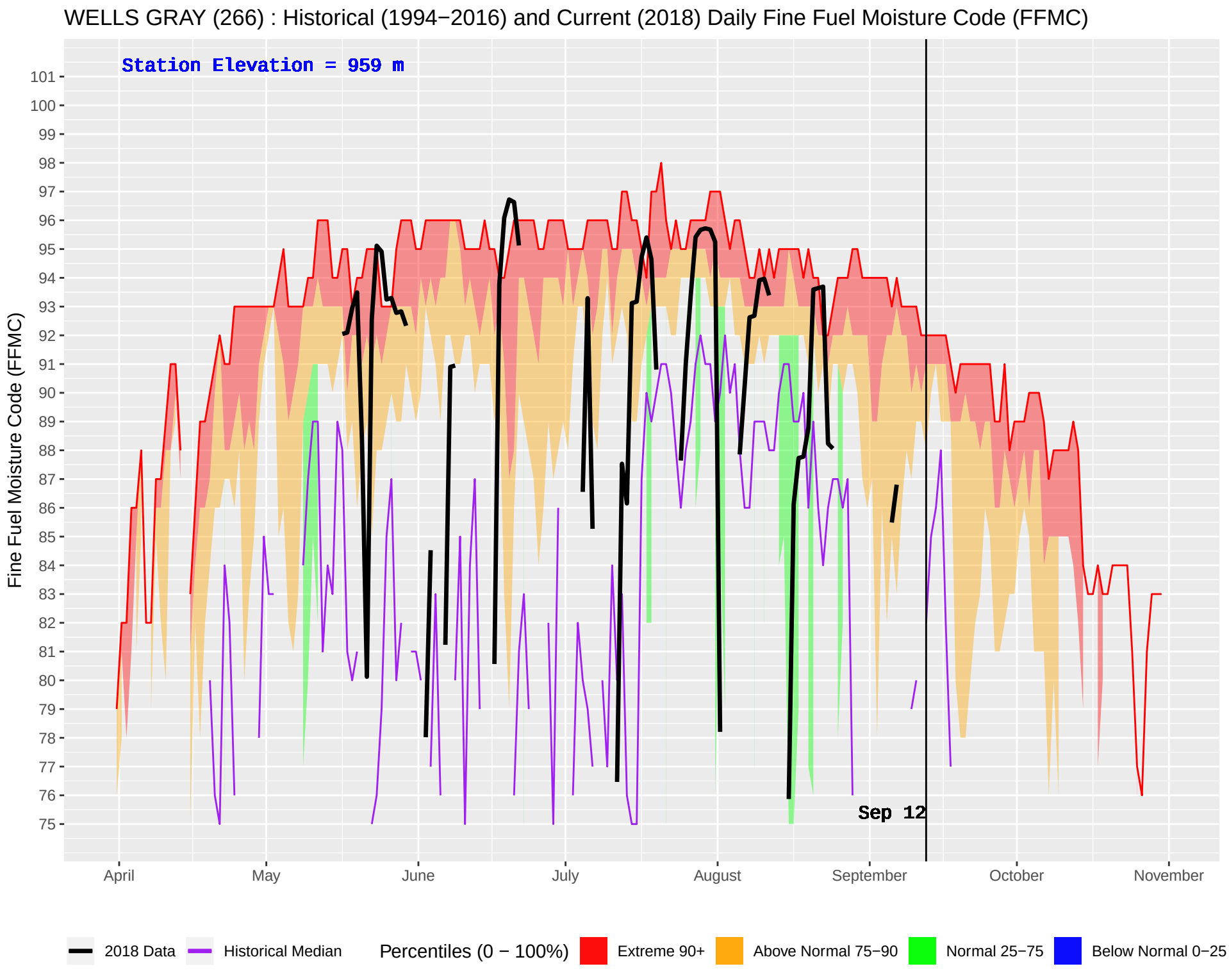
September 12, 2018

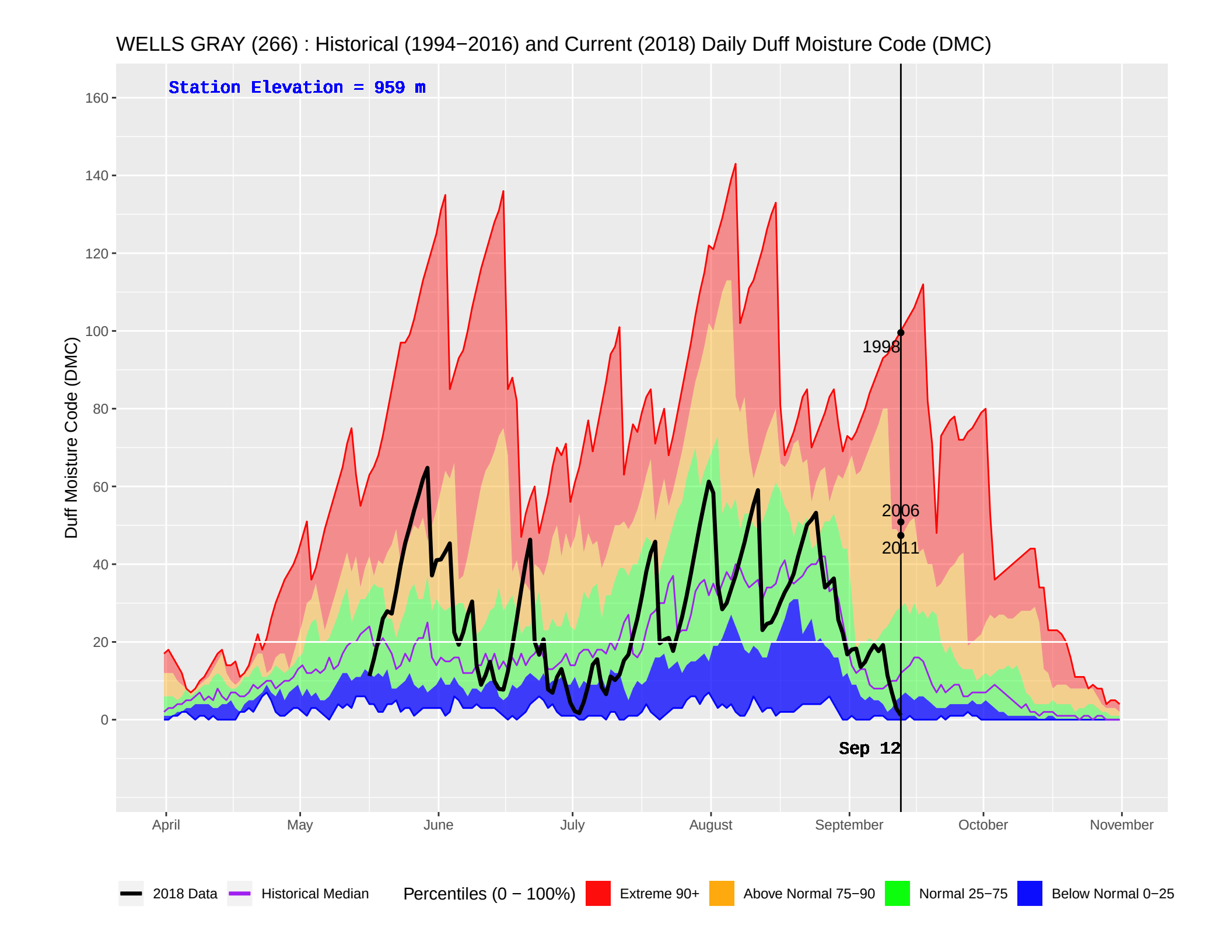

WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Temperature
Station Elevation = 959 m
Temperature (C)
40
35
30
25
20
15
10
5
0
−5
April
May
June
July
August
September
October
November
Sep 12
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

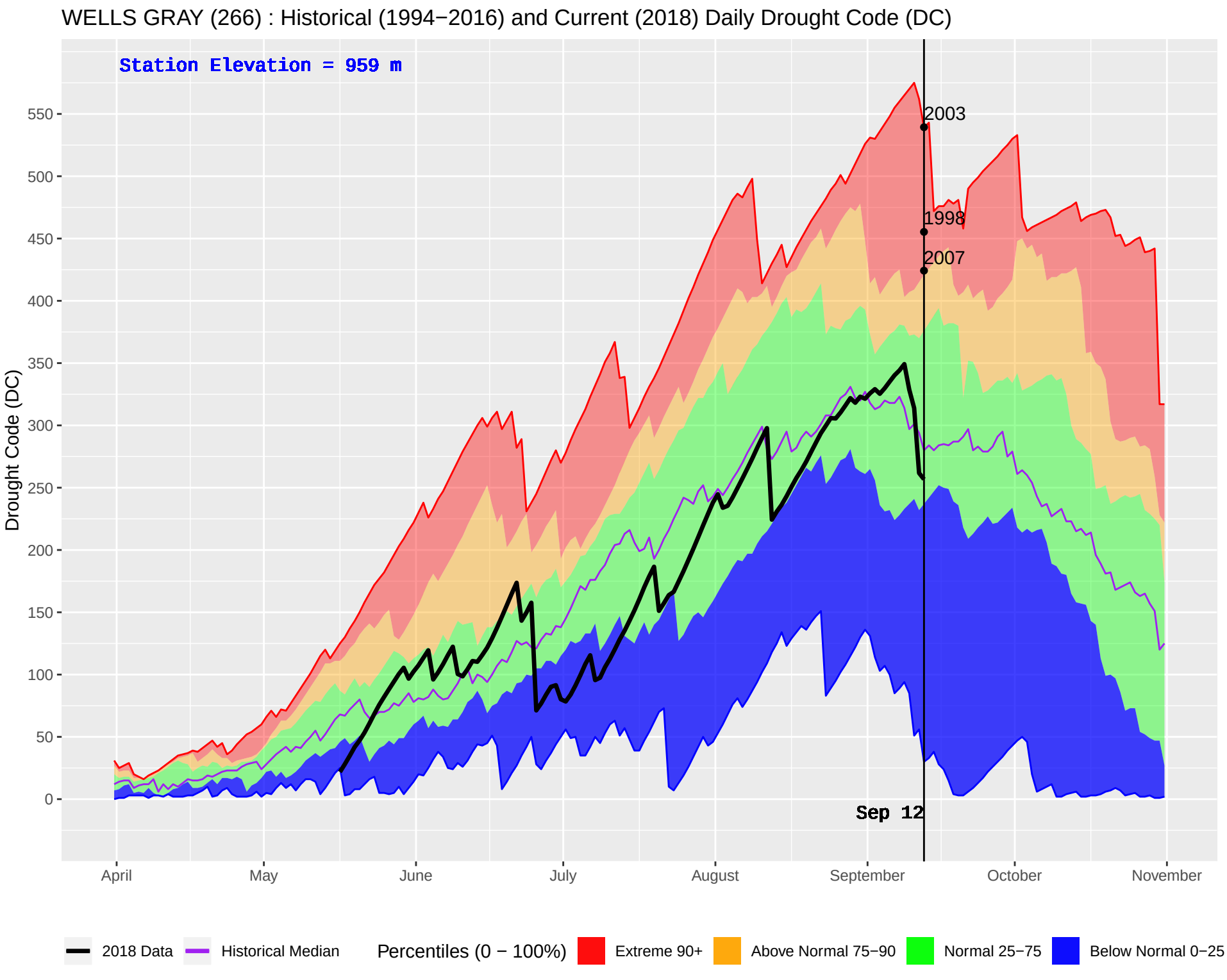

WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Relative Humidity
Station Elevation = 959 m
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Sep 12
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

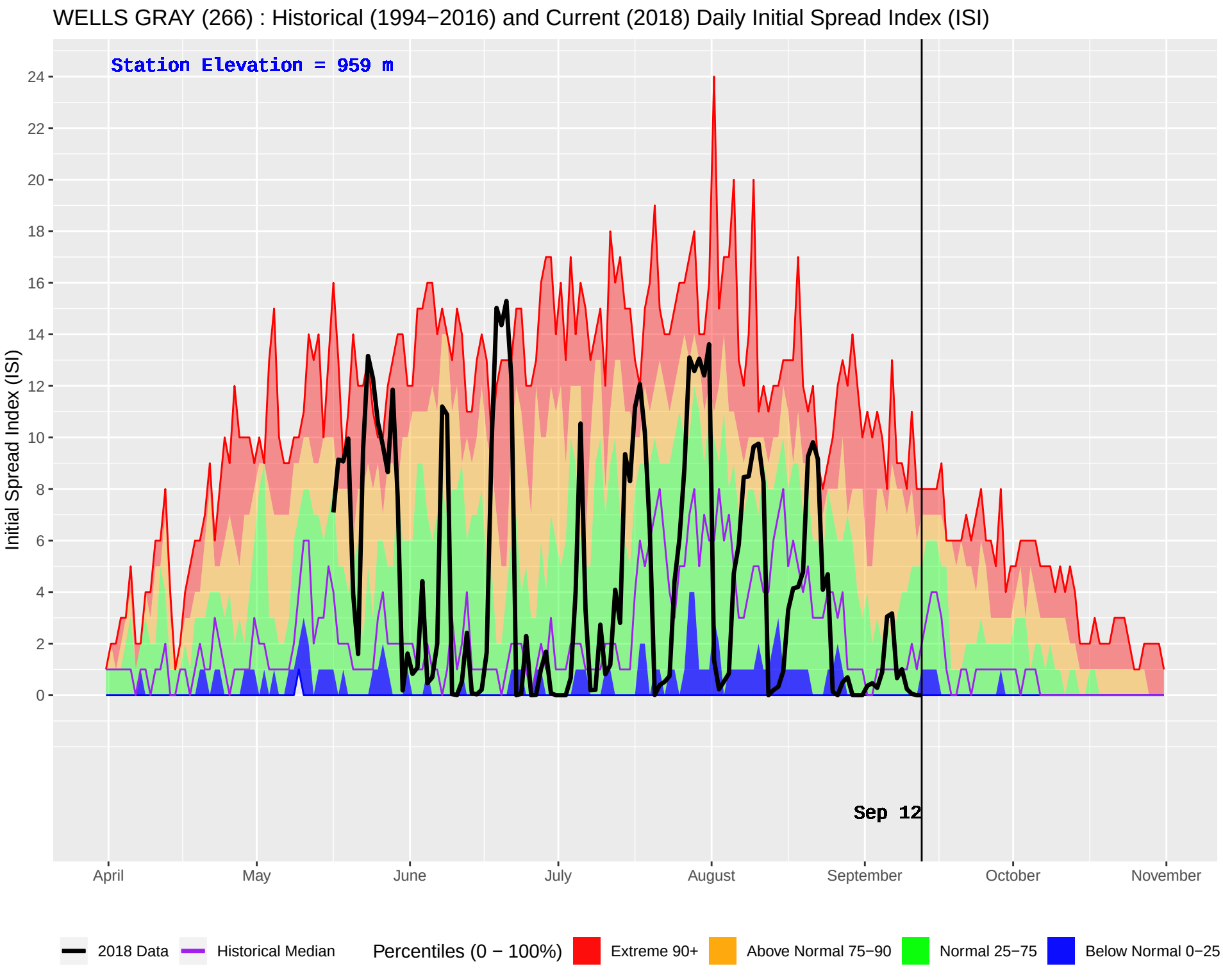

WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Wind Speed
Station Elevation = 959 m
Wind Speed (km/hr)
20
15
10
5
0
Sep 12
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

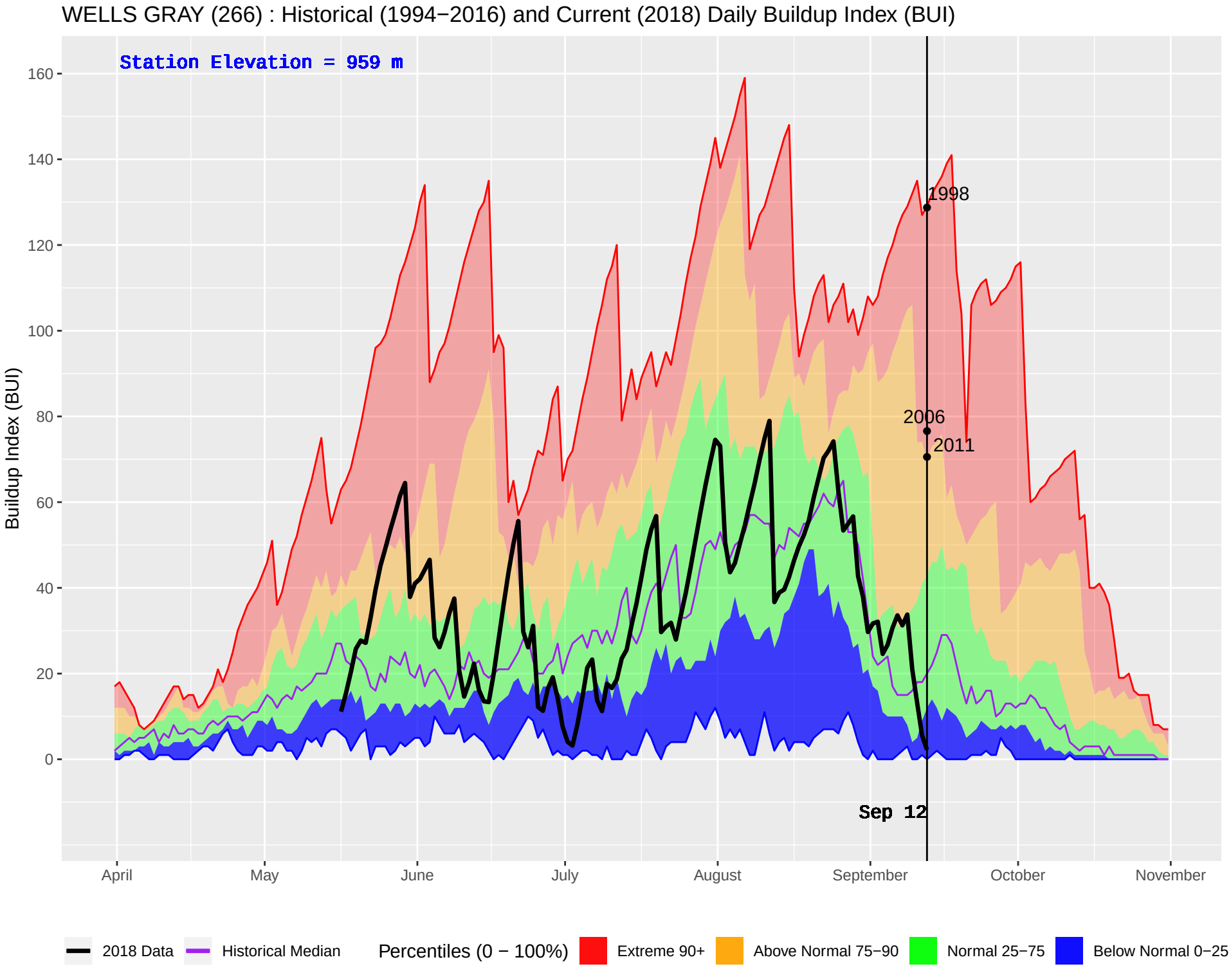

WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Cumulative Precipitation
Station Elevation = 959 m
Cumulative Precipitation (mm)
800
775
750
725
700
675
650
625
600
575
550
525
500
475
450
425
400
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
1996
1995
2009
Sep 12
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

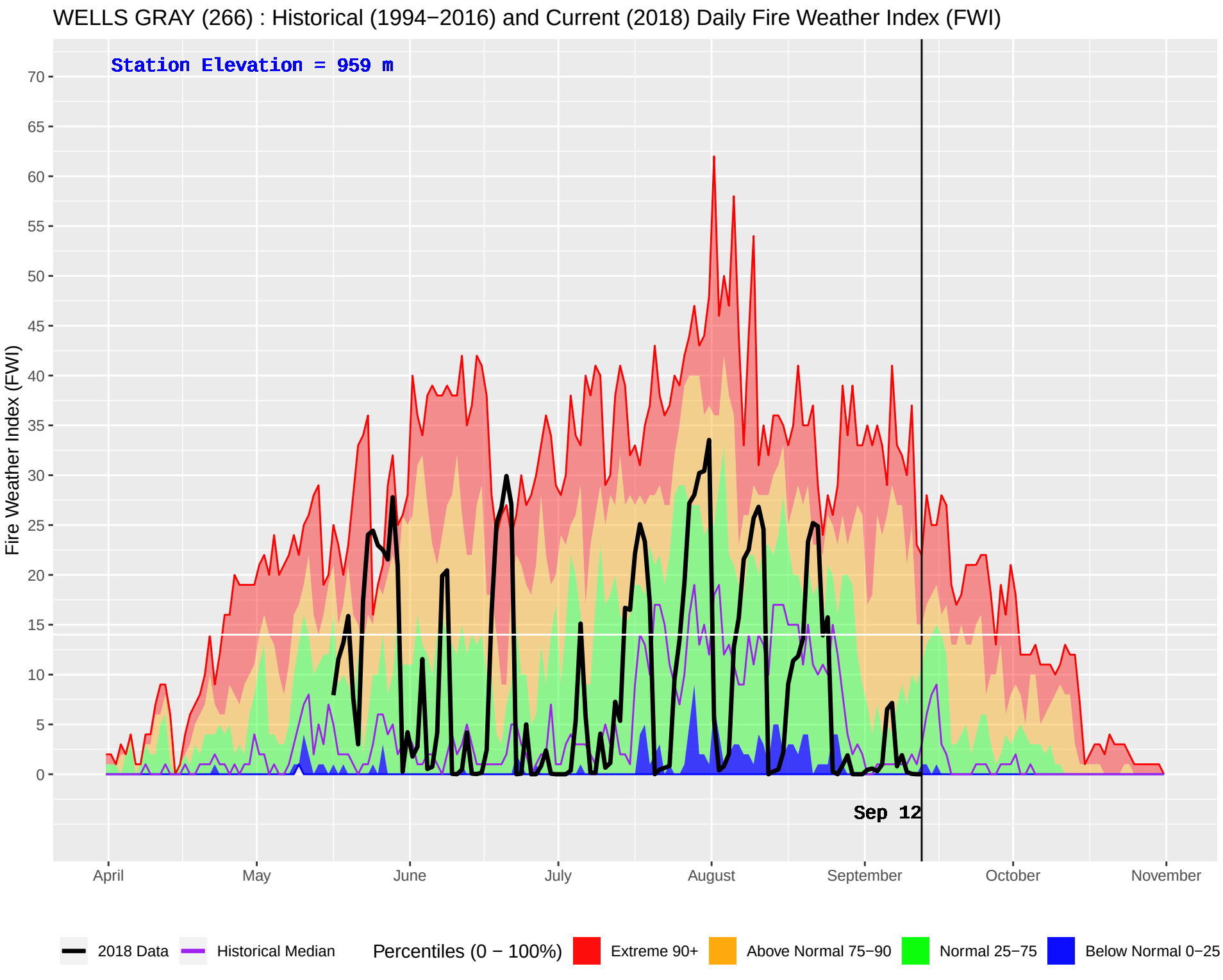

WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Fine Fuel Moisture Code (FFMC)
Station Elevation = 959 m
Fine Fuel Moisture Code (FFMC)
101
100
99
98
97
96
95
94
93
92
91
90
89
88
87
86
85
84
83
82
81
80
79
78
77
76
75
April
May
June
July
August
September
October
November
Sep 12
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Duff Moisture Code (DMC)
Station Elevation = 959 m
Duff Moisture Code (DMC)
160
140
120
100
80
60
40
20
0
1998
2006
2011
Sep 12
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Drought Code (DC)
Station Elevation = 959 m
Drought Code (DC)
0
50
100
150
200
250
300
350
400
450
500
550
2003
1998
2007
Sep 12
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Initial Spread Index (ISI)
Station Elevation = 959 m
Initial Spread Index (ISI)
0
2
4
6
8
10
12
14
16
18
20
22
24
April
May
June
July
August
September
October
November
Sep 12
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Buildup Index (BUI)
Station Elevation = 959 m
Buildup Index (BUI)
160
140
120
100
80
60
40
20
0
1998
2006
2011
Sep 12
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


WELLS GRAY (266) : Historical (1994−2016) and Current (2018) Daily Fire Weather Index (FWI)
Station Elevation = 959 m
Fire Weather Index (FWI)
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Sep 12
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

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