Fire Weather Climatology

and

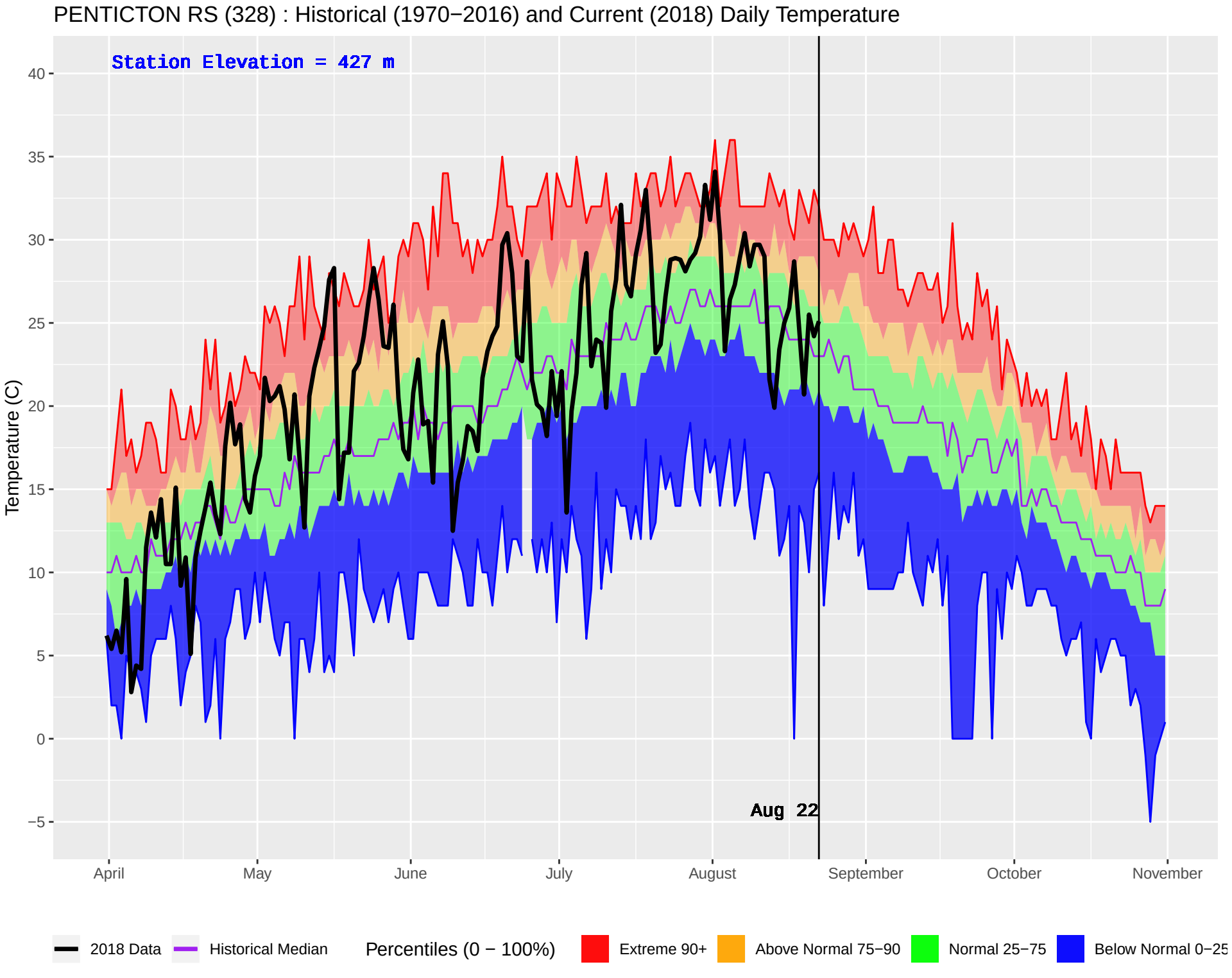
Current (2018) Conditions

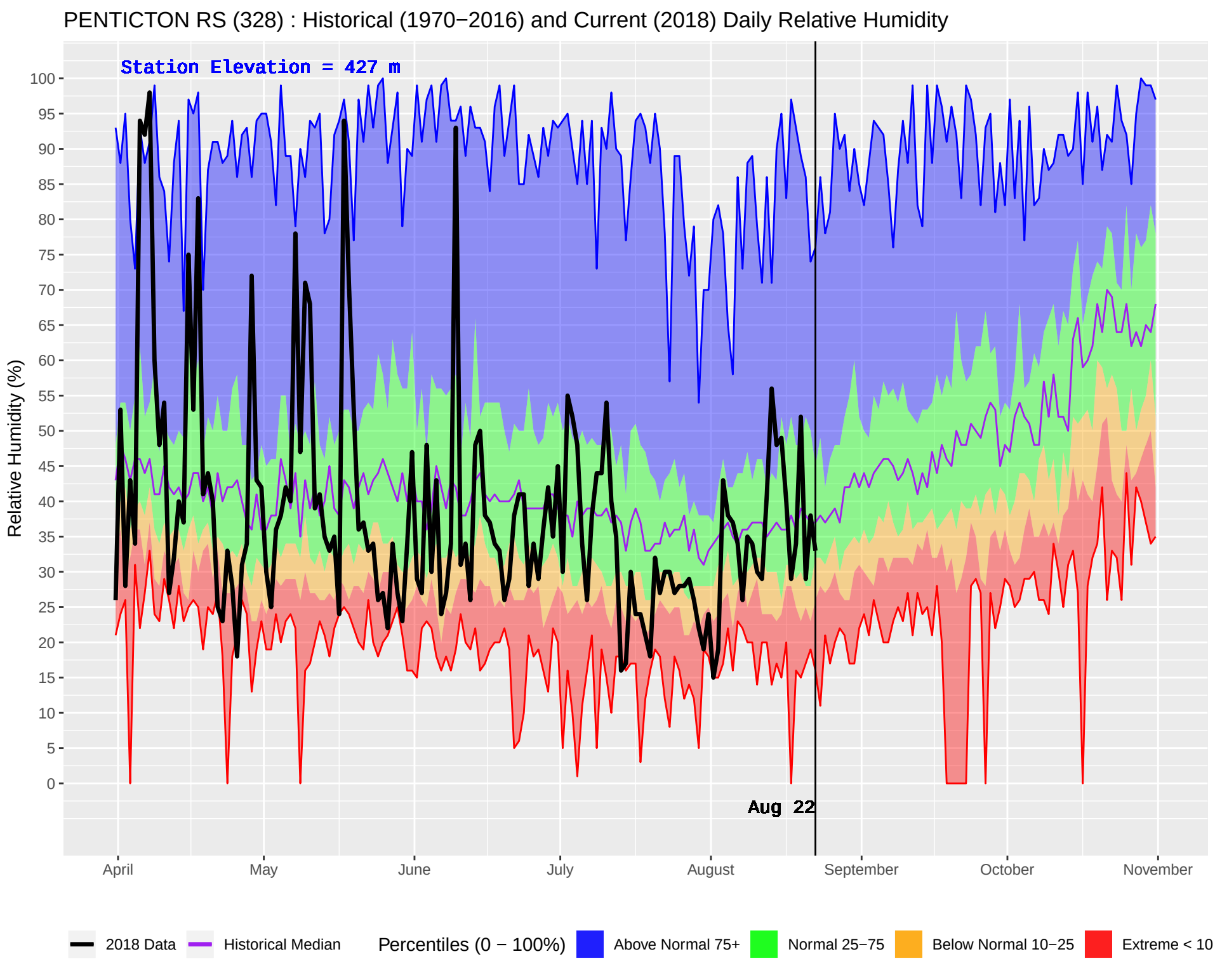
for

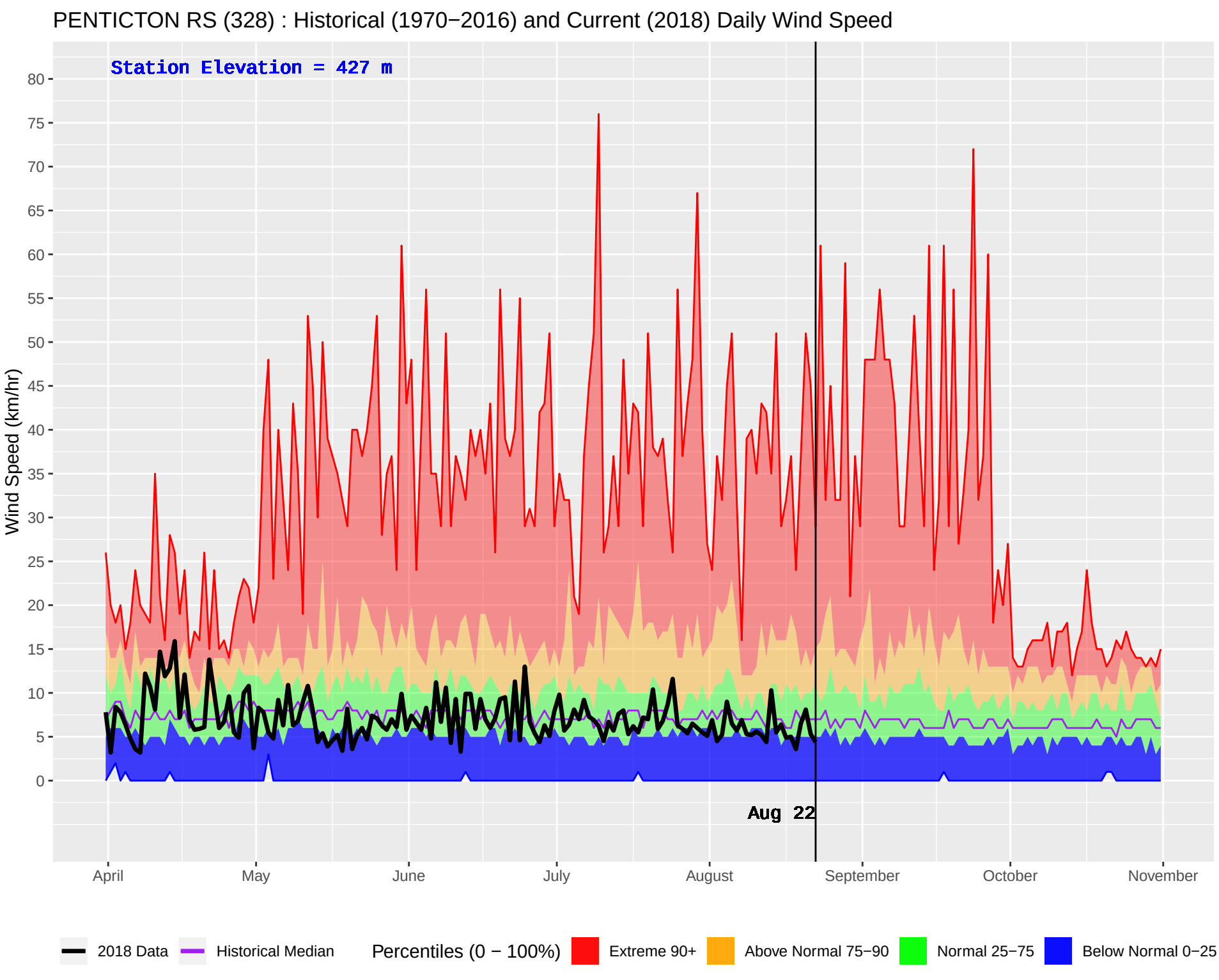
BC: PENTICTON RS Weather Station

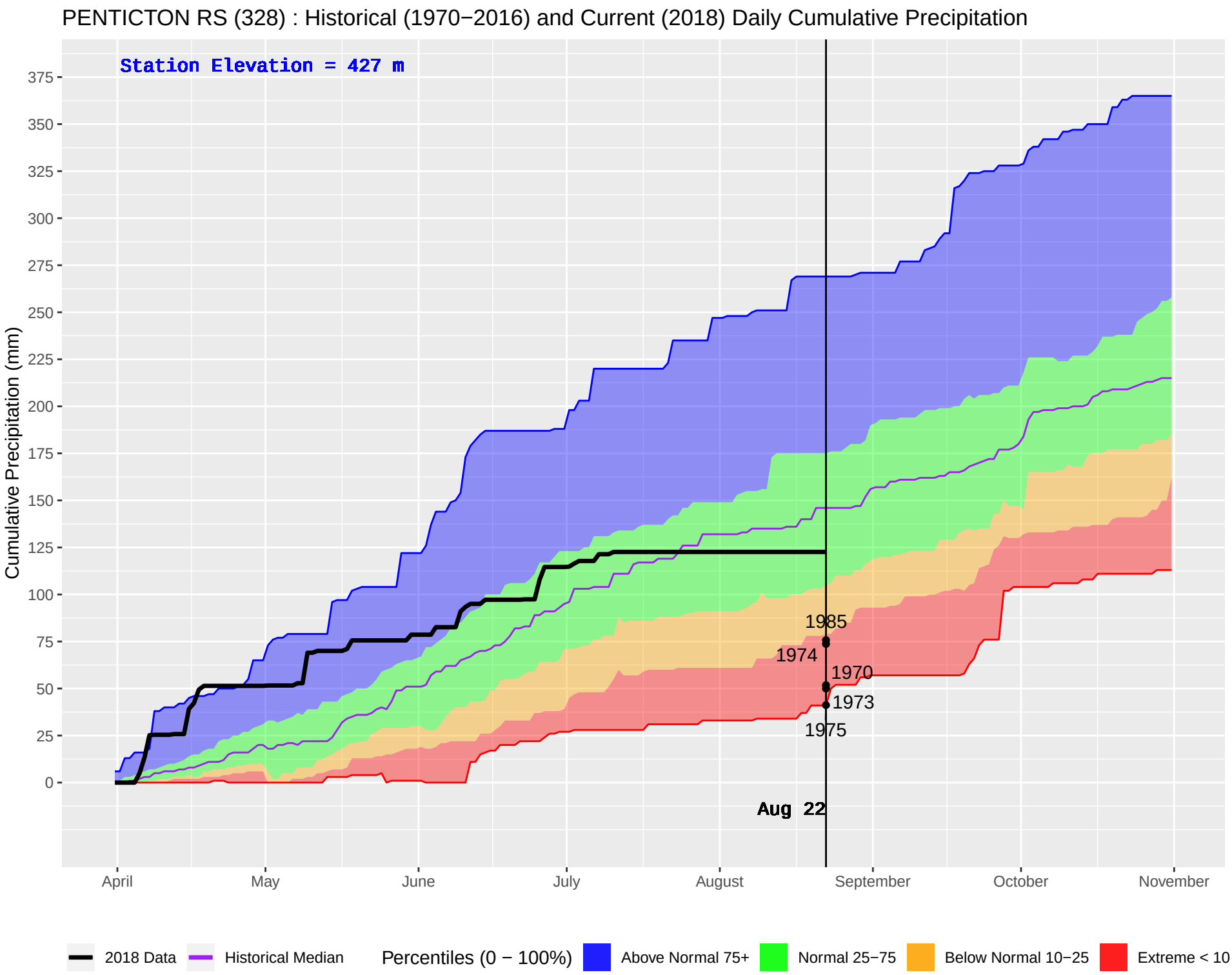
as of

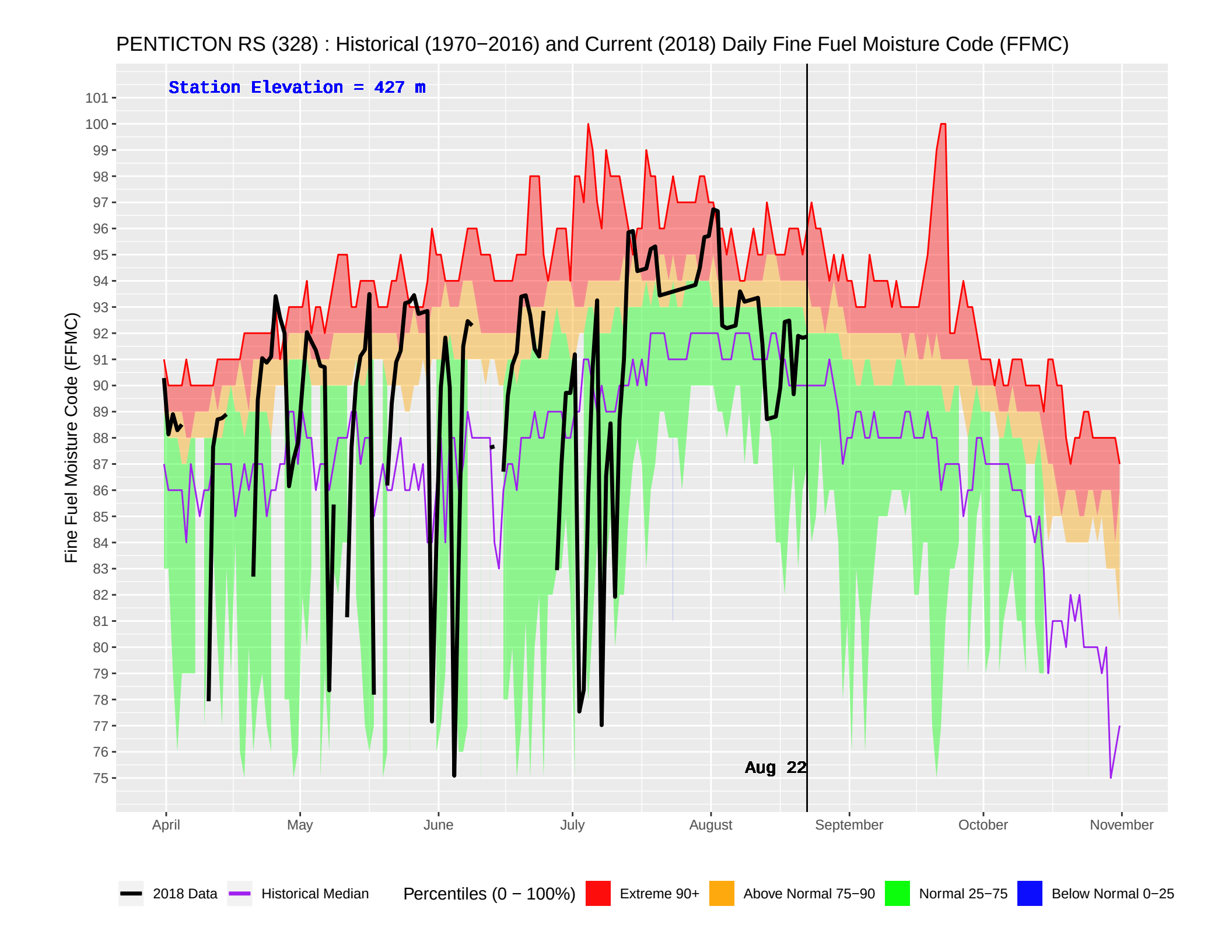
August 22, 2018

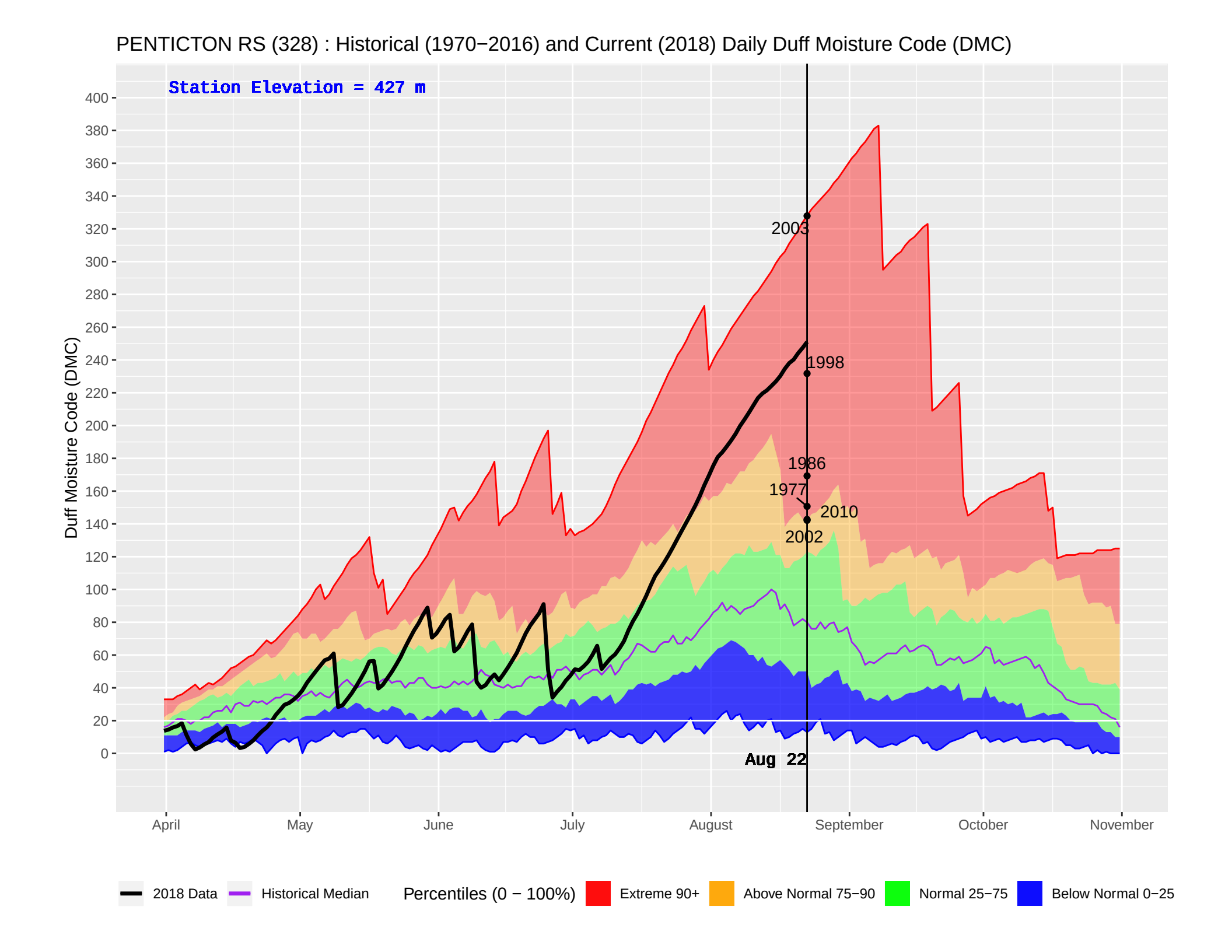

PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Temperature
Station Elevation = 427 m
Temperature (C)
40
35
30
25
20
15
10
5
0
−5
Aug 22
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

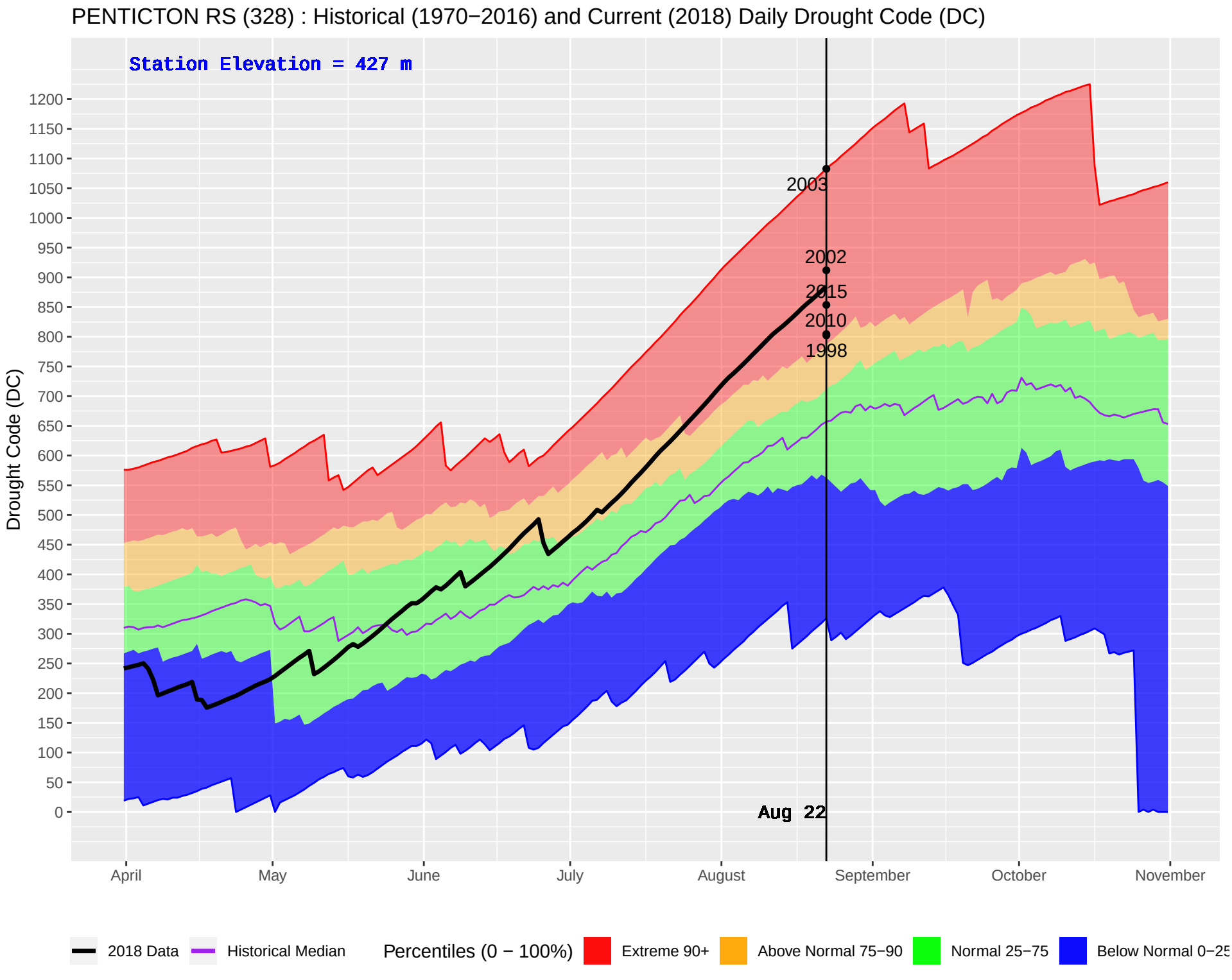

PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Relative Humidity
Station Elevation = 427 m
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Aug 22
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

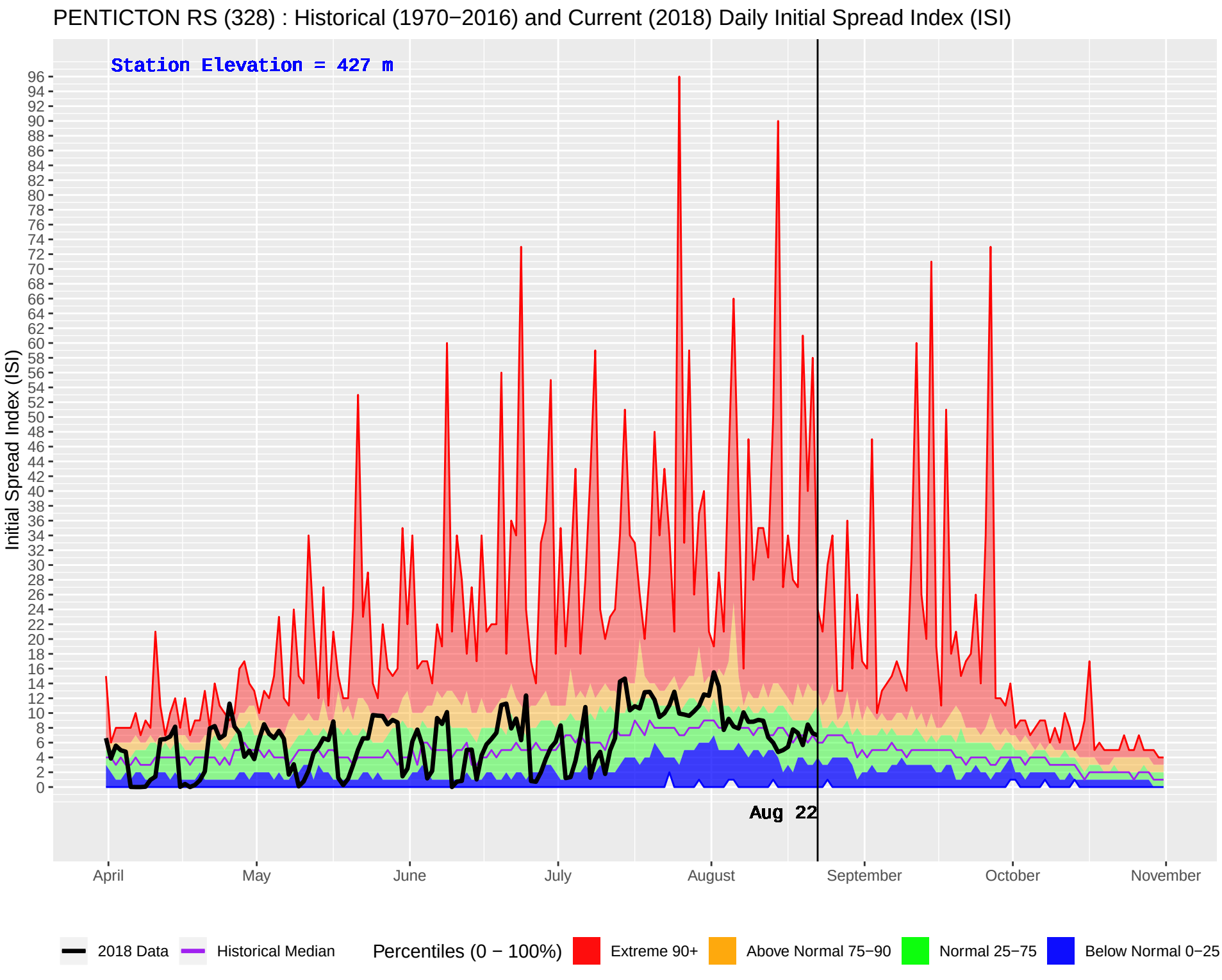

PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Wind Speed
Station Elevation = 427 m
Wind Speed (km/hr)
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Aug 22
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

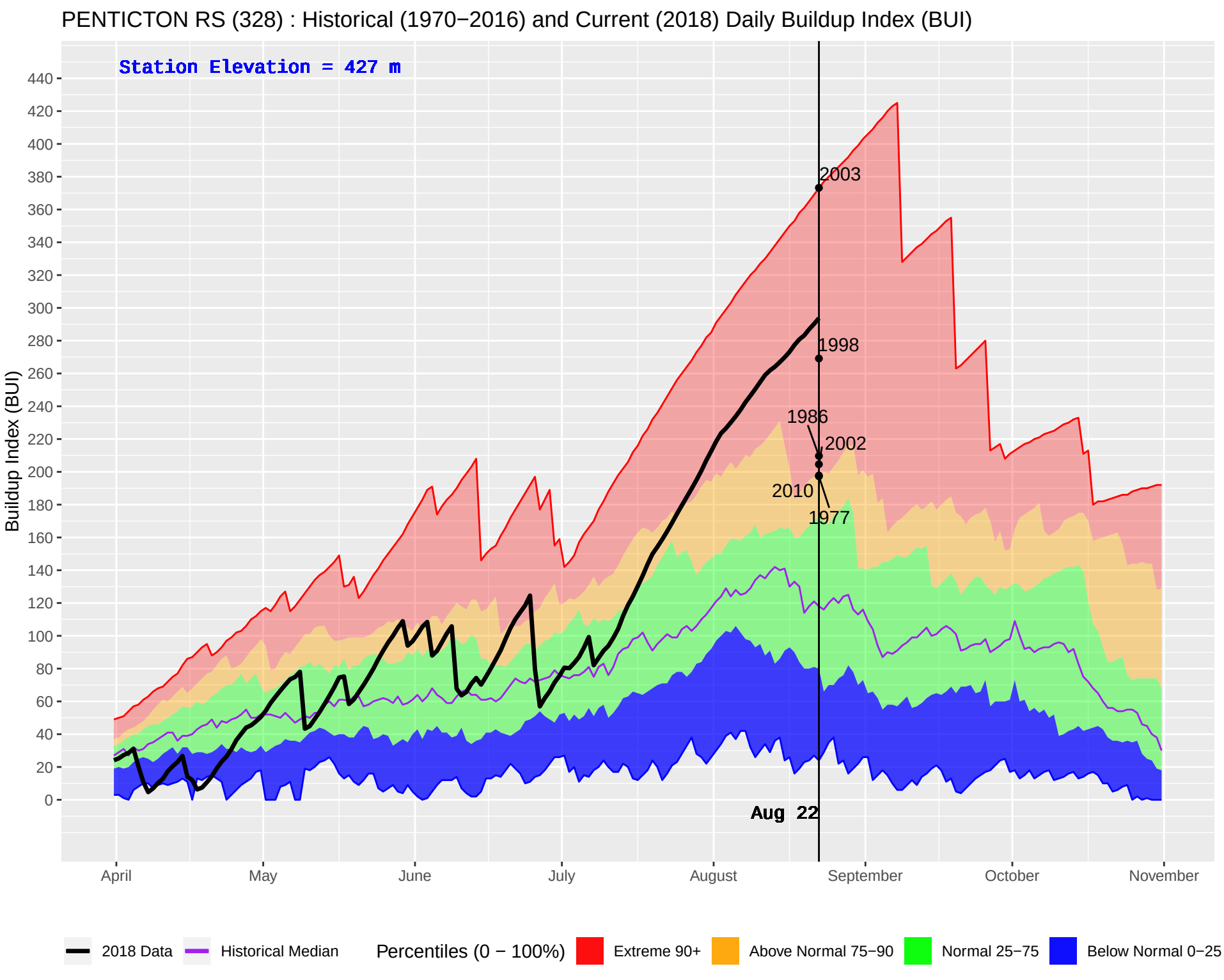

PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Cumulative Precipitation
Station Elevation = 427 m
Cumulative Precipitation (mm)
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
1985
1974
1970
1973
1975
Aug 22
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

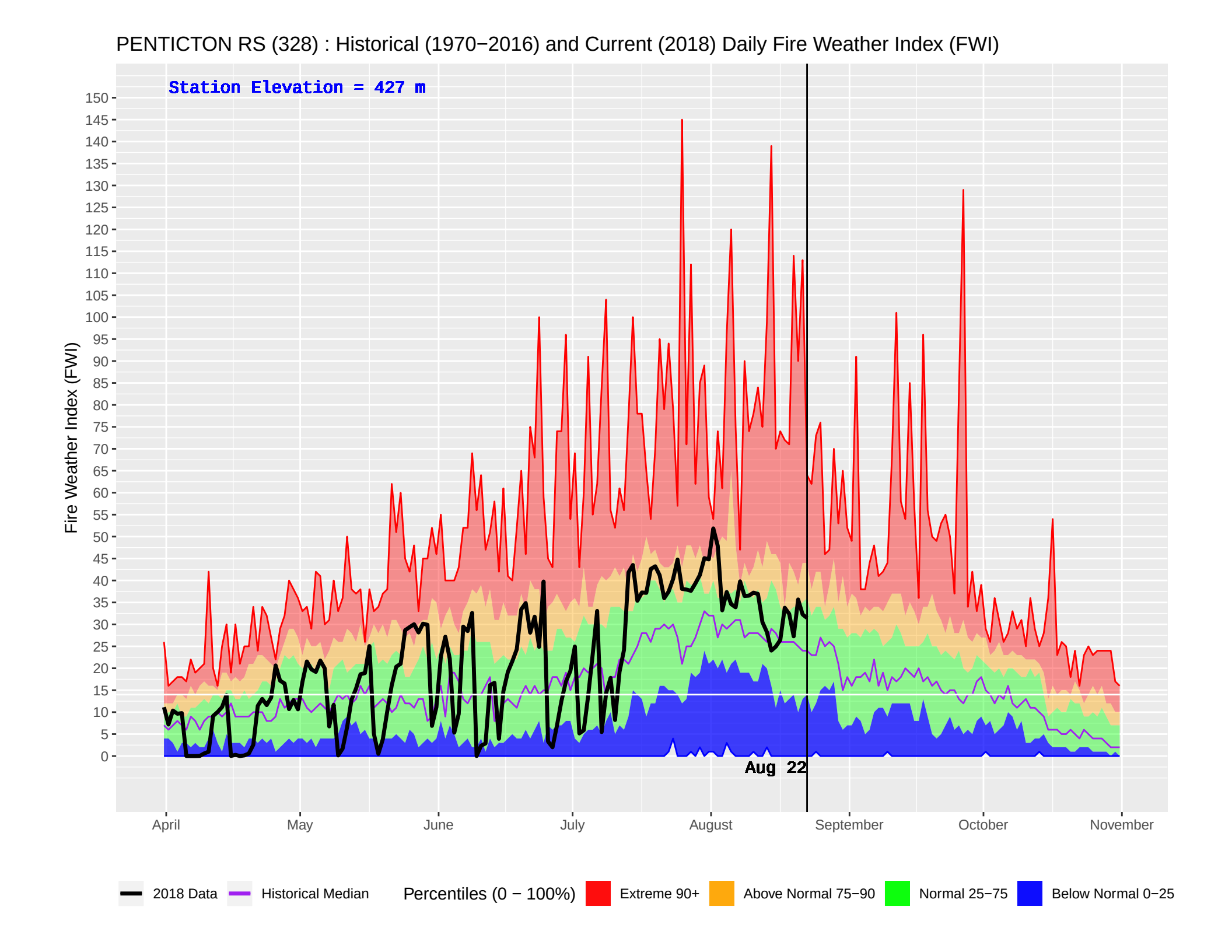

PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Fine Fuel Moisture Code (FFMC)
Station Elevation = 427 m
Fine Fuel Moisture Code (FFMC)
101
100
99
98
97
96
95
94
93
92
91
90
89
88
87
86
85
84
83
82
81
80
79
78
77
76
75
Aug 22
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Duff Moisture Code (DMC)
Station Elevation = 427 m
Duff Moisture Code (DMC)
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
2003
1998
1986
1977
2010
2002
Aug 22
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


PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Drought Code (DC)
Station Elevation = 427 m
Drought Code (DC)
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
2003
2002
2015
2010
1998
Aug 22
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


PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Initial Spread Index (ISI)
Station Elevation = 427 m
Initial Spread Index (ISI)
96
94
92
90
88
86
84
82
80
78
76
74
72
70
68
66
64
62
60
58
56
54
52
50
48
46
44
42
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
Aug 22
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


PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Buildup Index (BUI)
Station Elevation = 427 m
Buildup Index (BUI)
440
420
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
2003
1998
1986
2002
2010
1977
Aug 22
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


PENTICTON RS (328) : Historical (1970−2016) and Current (2018) Daily Fire Weather Index (FWI)
Station Elevation = 427 m
Fire Weather Index (FWI)
150
145
140
135
130
125
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
Aug 22
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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