Fire Weather Climatology

and

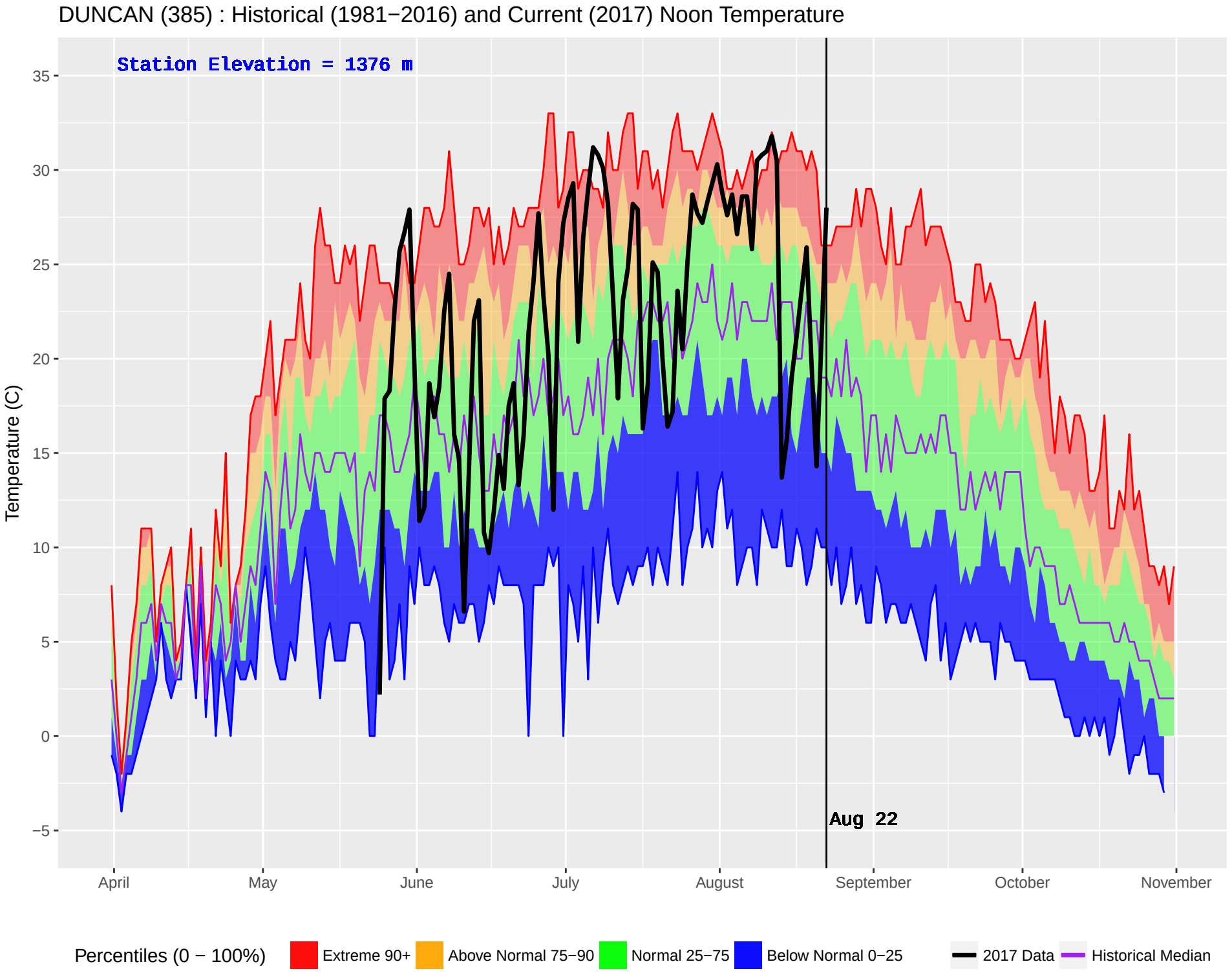
Current (2017) Conditions

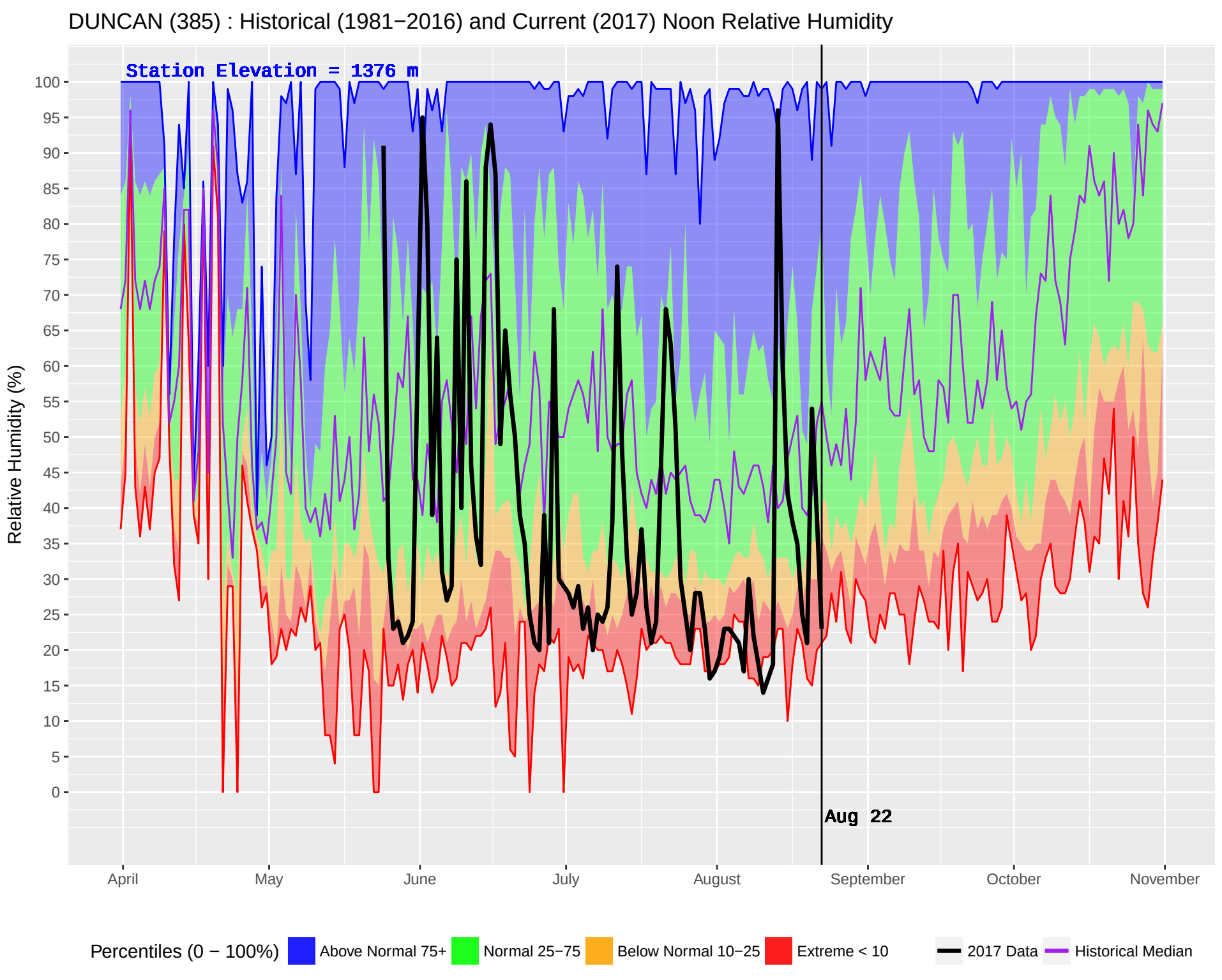
for

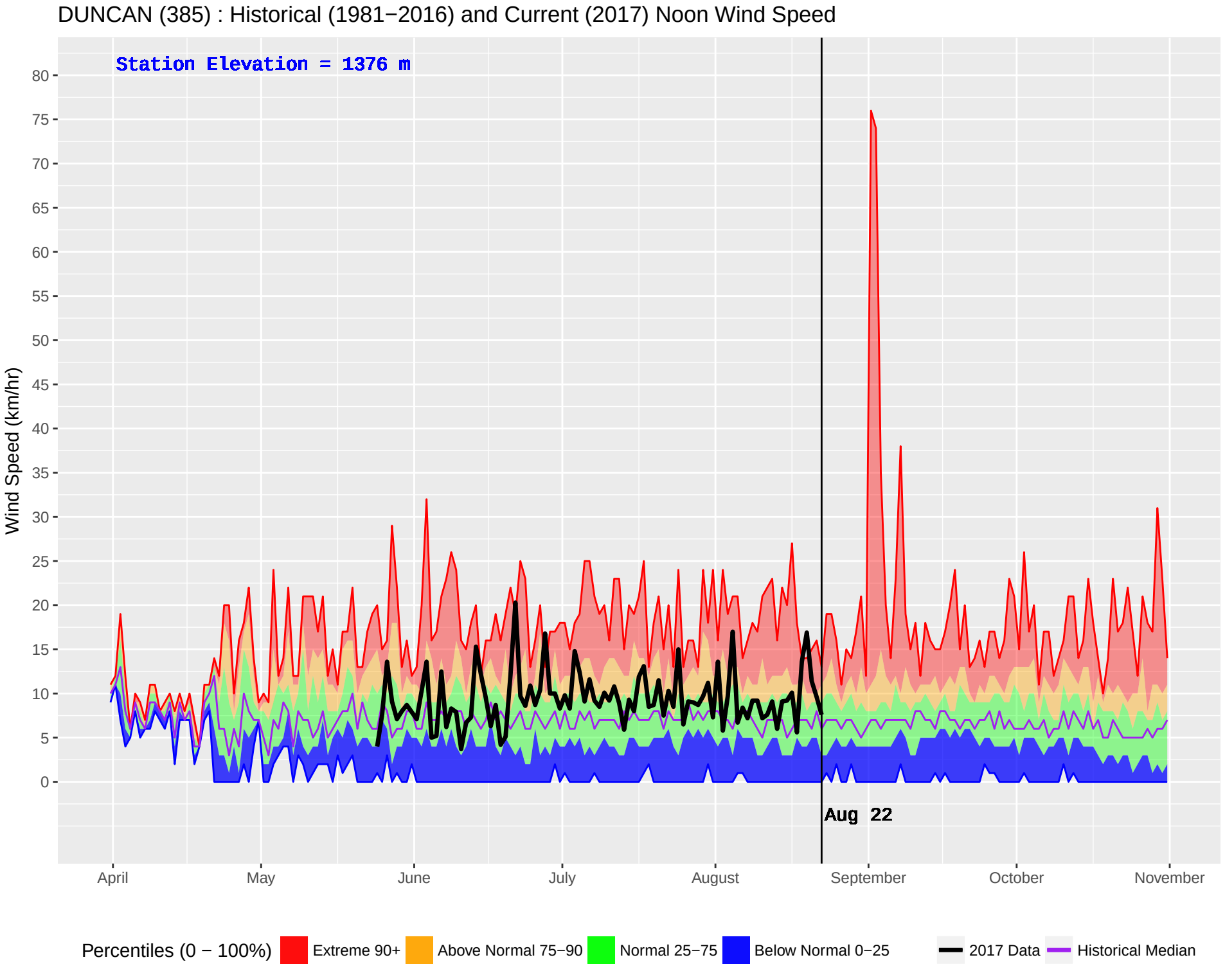
BC: DUNCAN Weather Station

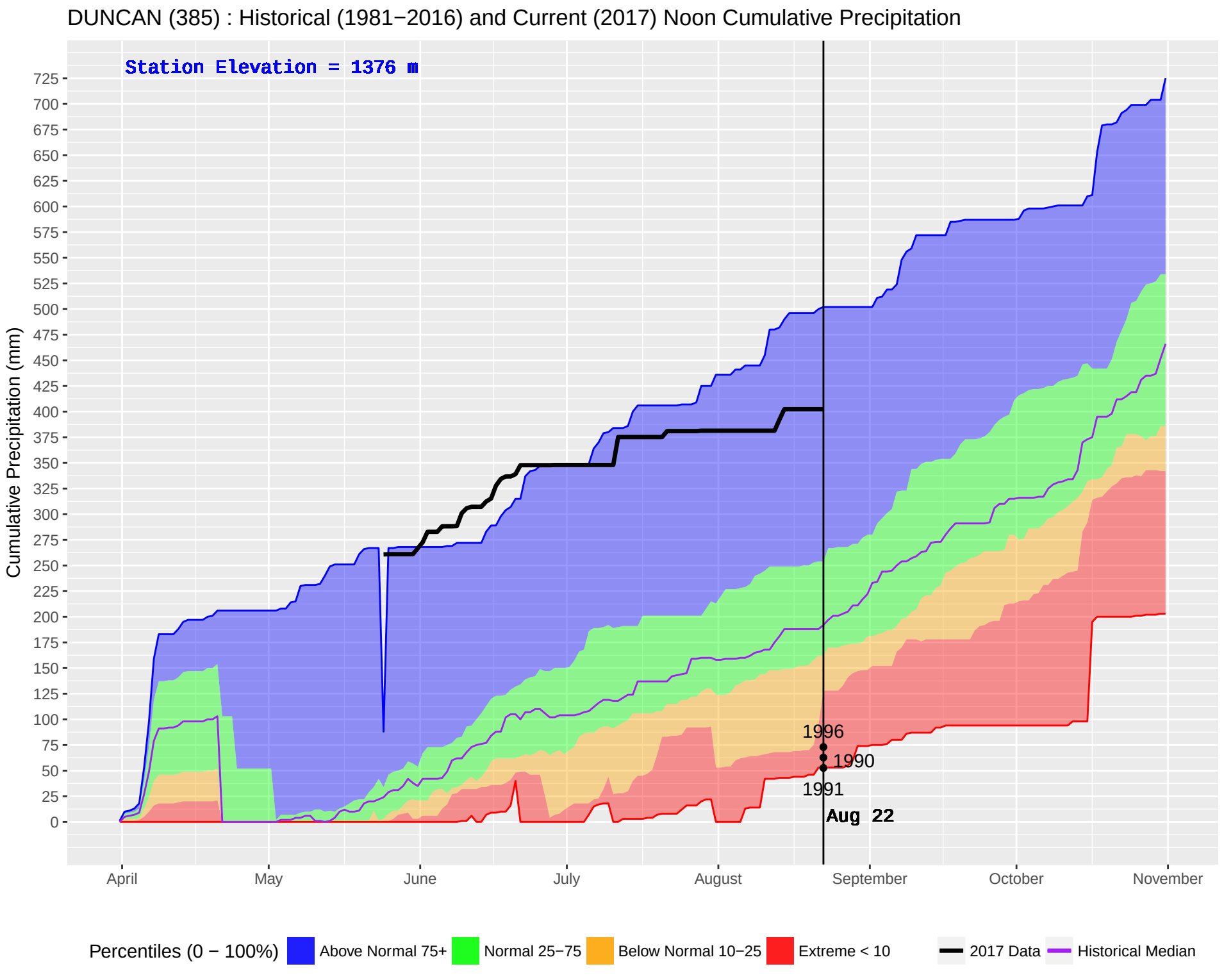
as of

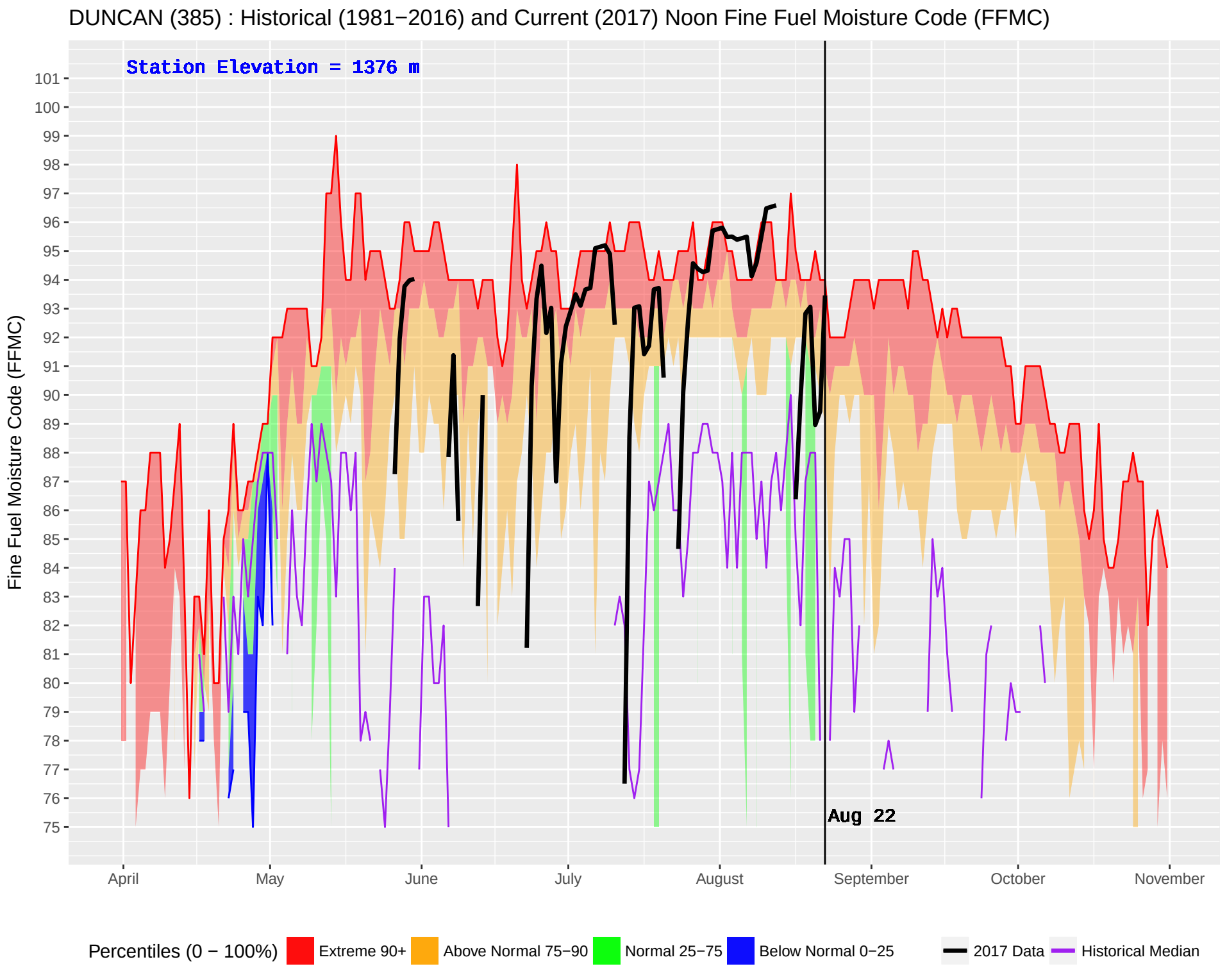
August 22, 2017

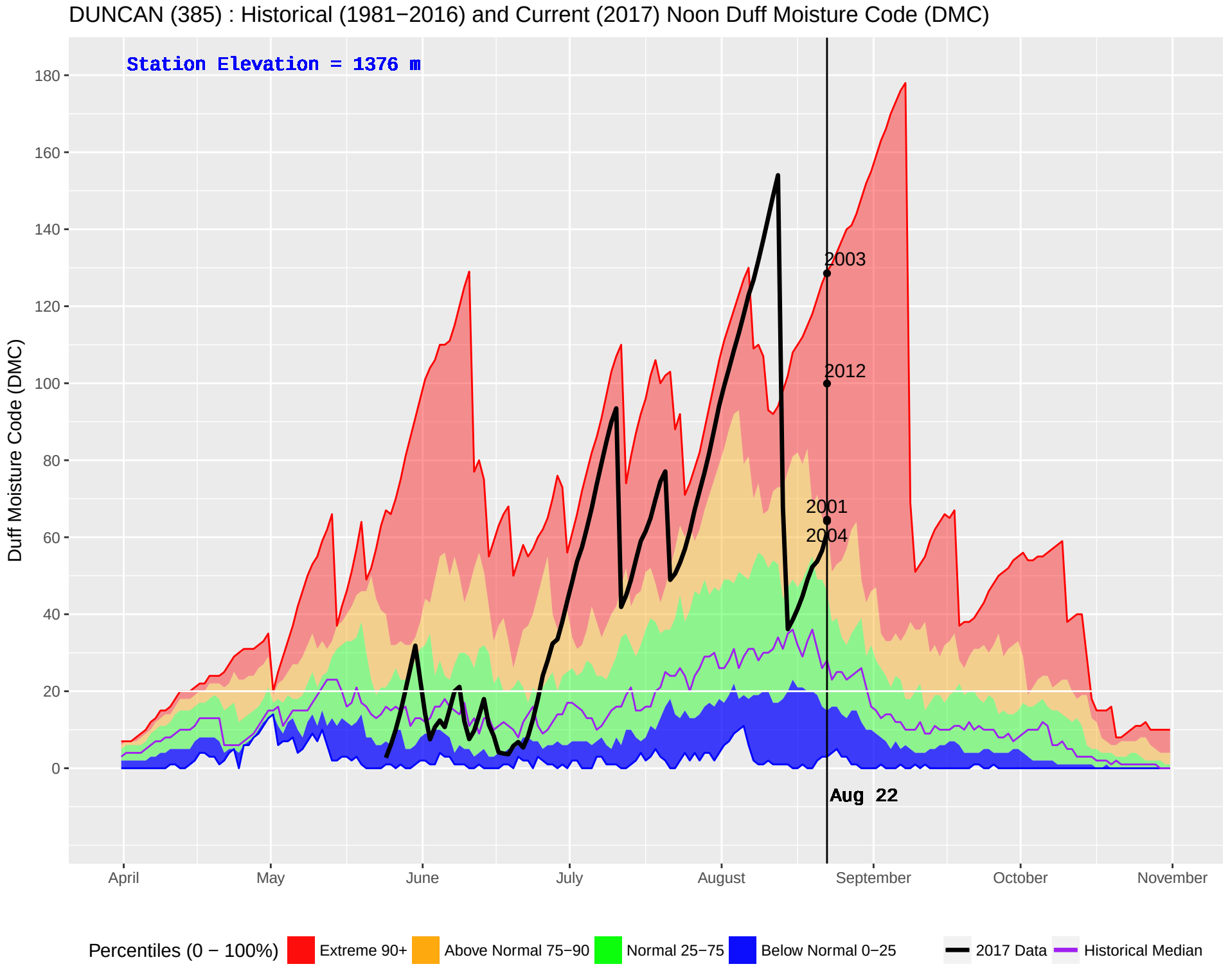

DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Temperature
Station Elevation = 1376 m
Temperature (C)
35
30
25
20
15
10
5
0
−5
April
May
June
July
August
September
October
November
Aug 22
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2017 Data
Historical Median

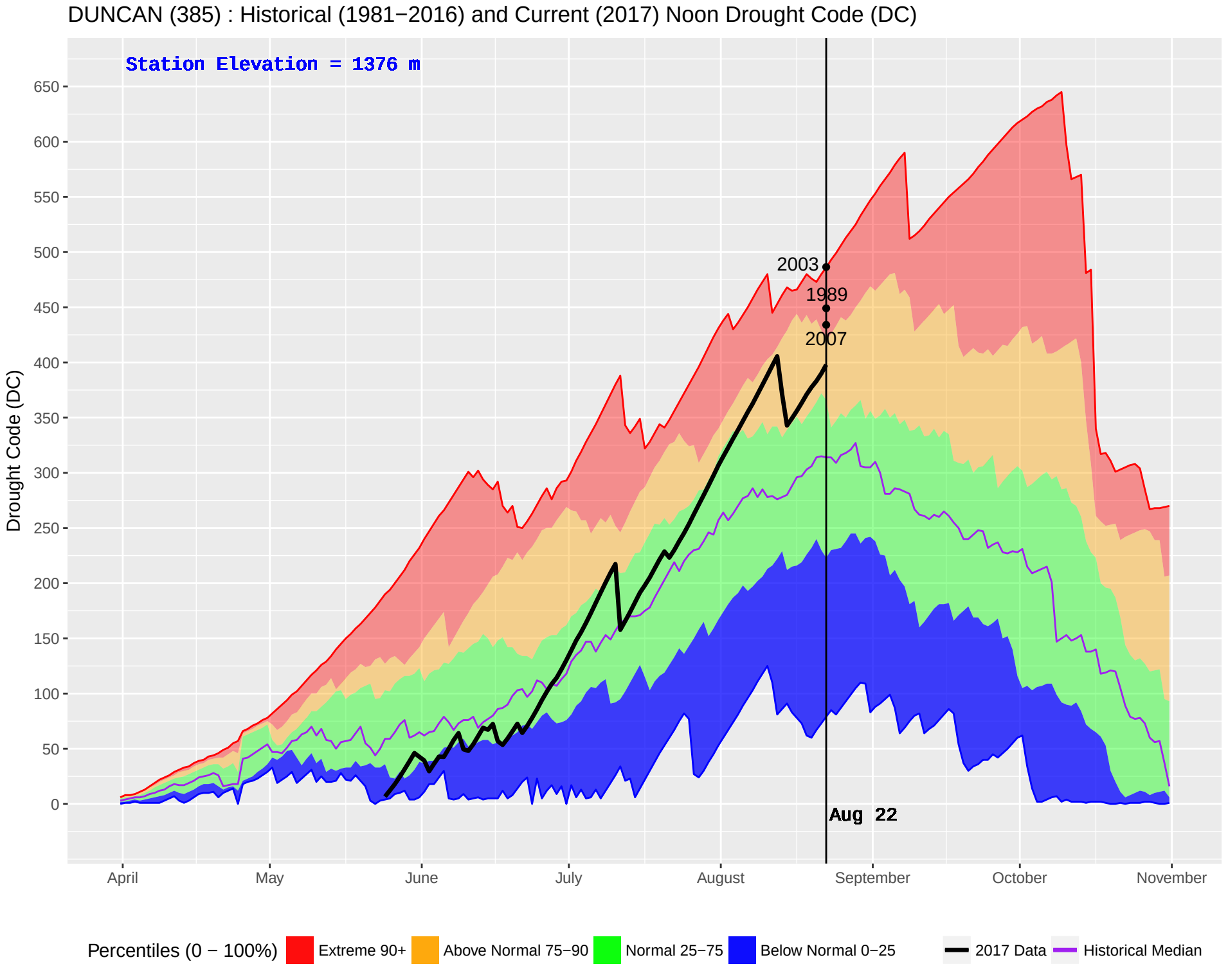

DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Relative Humidity
Station Elevation = 1376 m
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Aug 22
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10
2017 Data
Historical Median

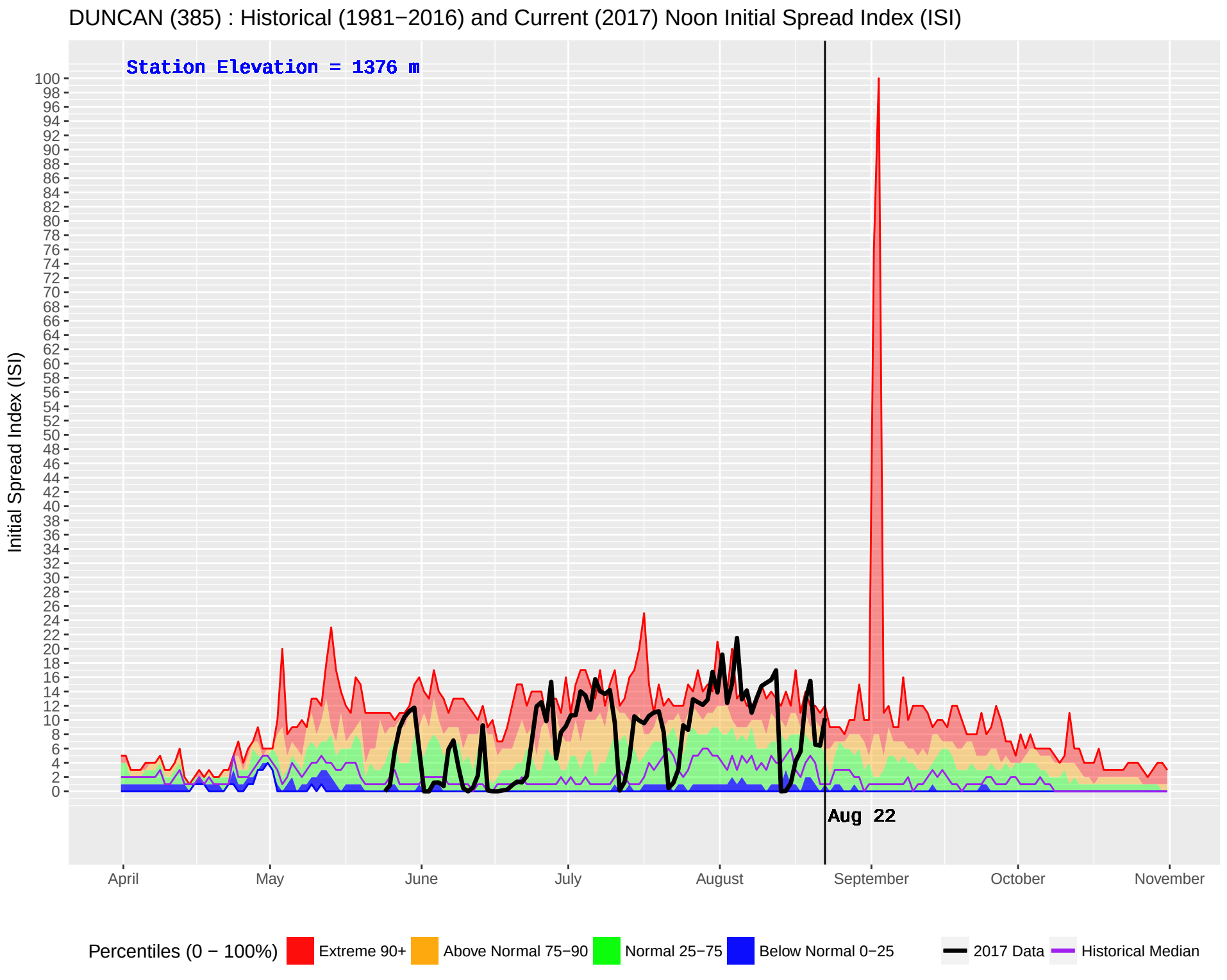

DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Wind Speed
Station Elevation = 1376 m
Wind Speed (km/hr)
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Aug 22
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2017 Data
Historical Median

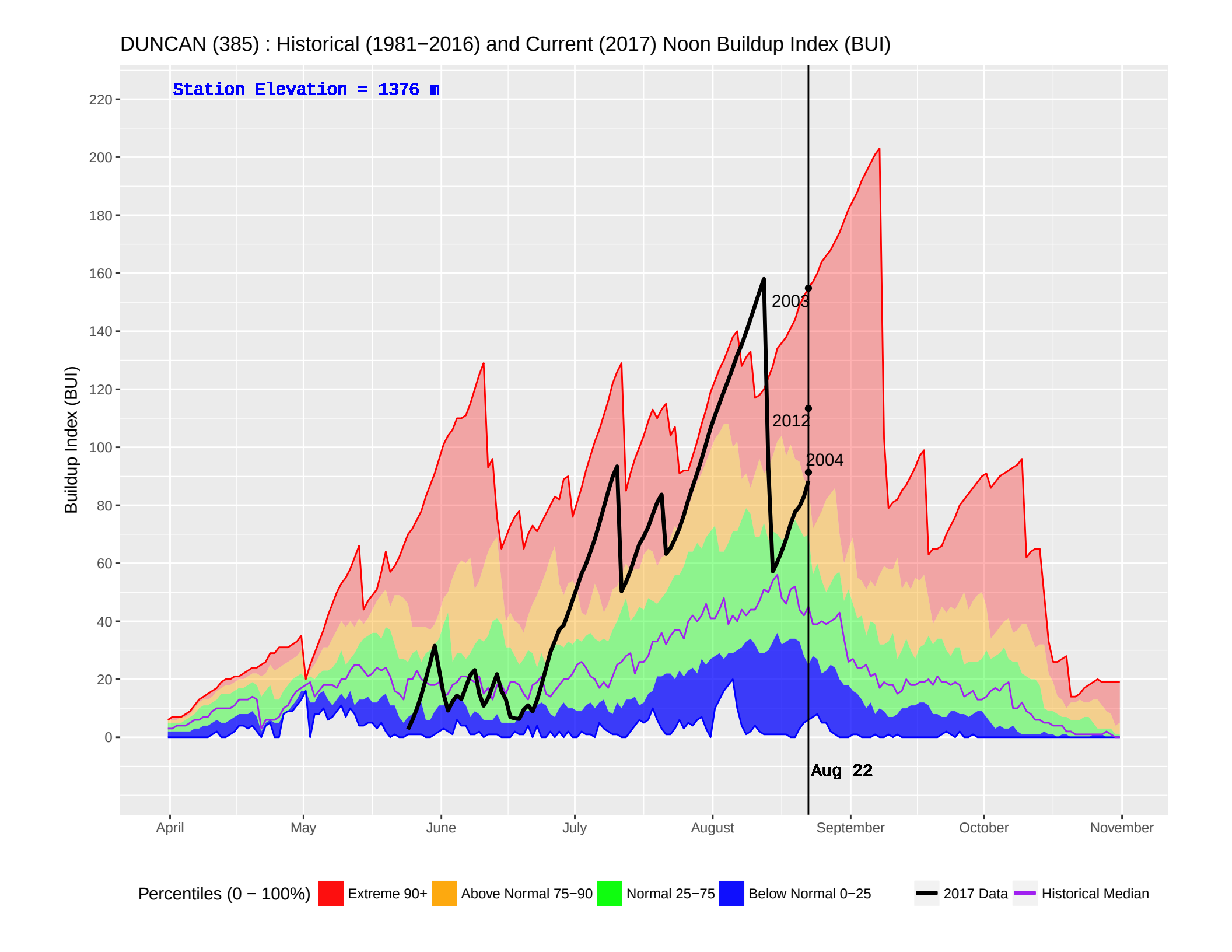

DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Cumulative Precipitation
Station Elevation = 1376 m
Cumulative Precipitation (mm)
725
700
675
650
625
600
575
550
525
500
475
450
425
400
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
April
May
June
July
August
September
October
November
1996
1990
1991
Aug 22
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10
2017 Data
Historical Median

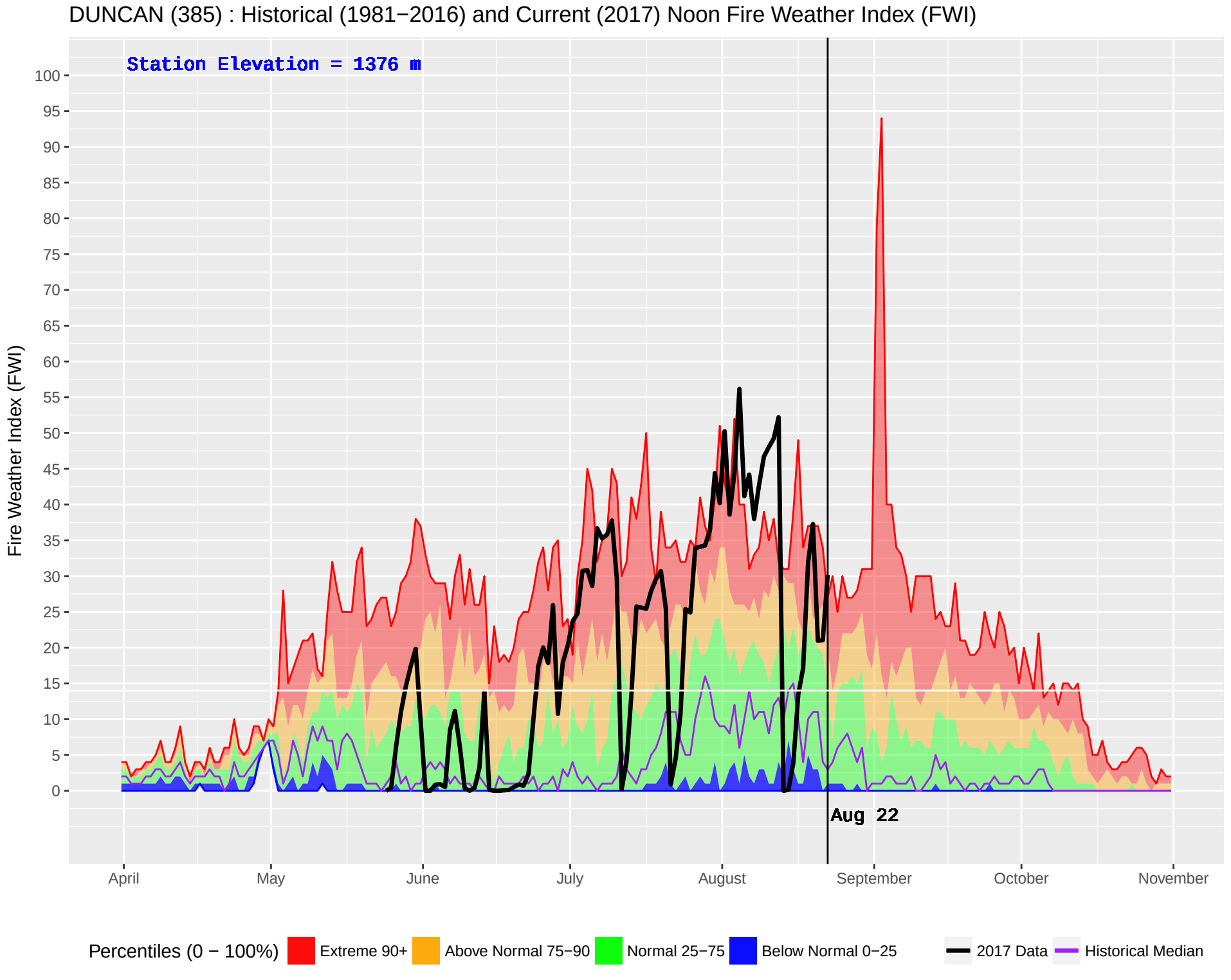

DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Fine Fuel Moisture Code (FFMC)
Station Elevation = 1376 m
Fine Fuel Moisture Code (FFMC)
101
100
99
98
97
96
95
94
93
92
91
90
89
88
87
86
85
84
83
82
81
80
79
78
77
76
75
Aug 22
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2017 Data
Historical Median


DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Duff Moisture Code (DMC)
Station Elevation = 1376 m
Duff Moisture Code (DMC)
180
160
140
120
100
80
60
40
20
0
2003
2012
2001
2004
Aug 22
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2017 Data
Historical Median


DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Drought Code (DC)
Station Elevation = 1376 m
Drought Code (DC)
650
600
550
500
450
400
350
300
250
200
150
100
50
0
2003
1989
2007
Aug 22
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2017 Data
Historical Median


DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Initial Spread Index (ISI)
Station Elevation = 1376 m
Initial Spread Index (ISI)
100
98
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
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2017 Data
Historical Median


DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Buildup Index (BUI)
Station Elevation = 1376 m
Buildup Index (BUI)
220
200
180
160
140
120
100
80
60
40
20
0
2003
2012
2004
Aug 22
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2017 Data
Historical Median


DUNCAN (385) : Historical (1981−2016) and Current (2017) Noon Fire Weather Index (FWI)
Station Elevation = 1376 m
Fire Weather Index (FWI)
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
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2017 Data
Historical Median

For Questions/Comments/Suggestions Contact:
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