Fire Weather Climatology

and

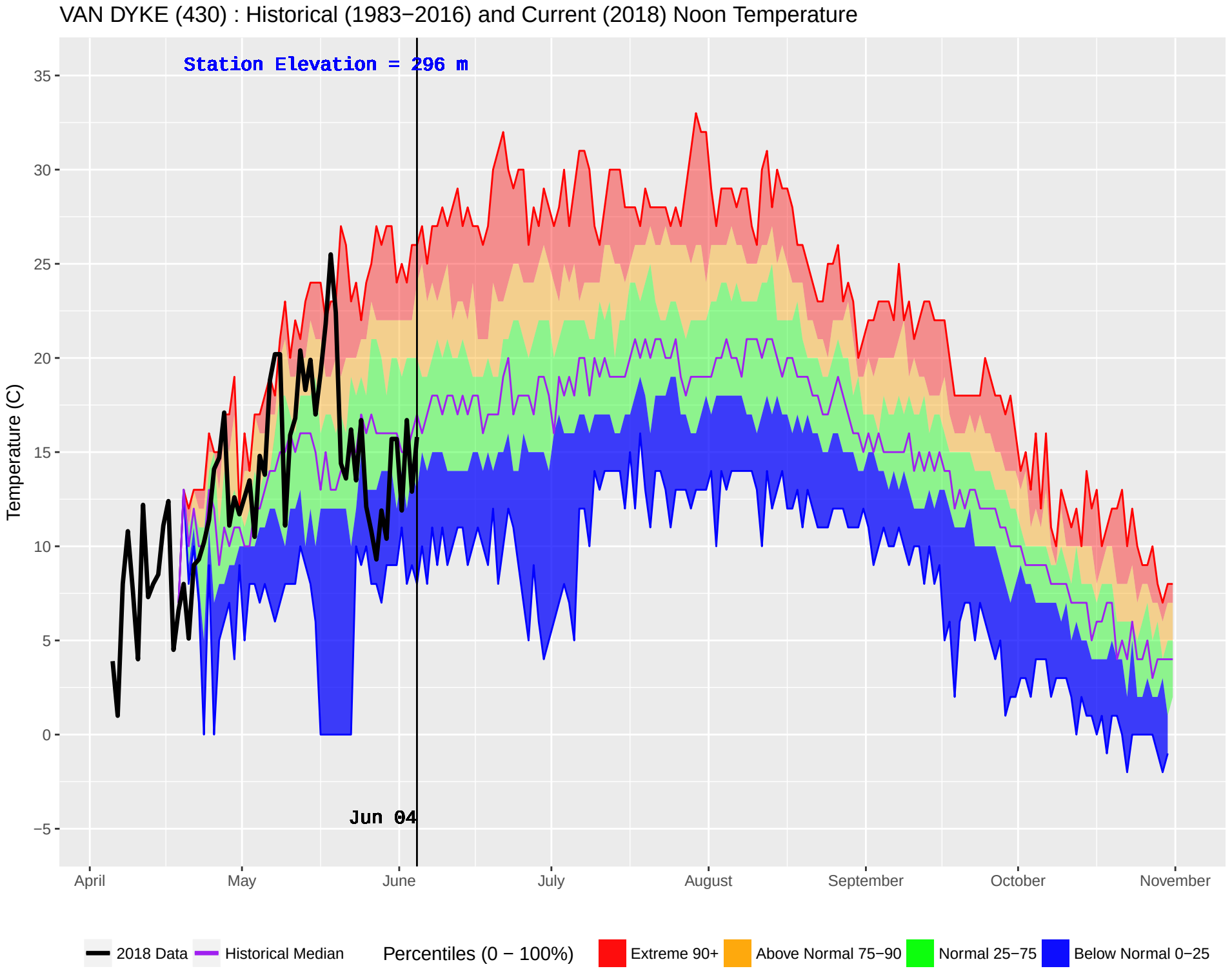
Current (2018) Conditions

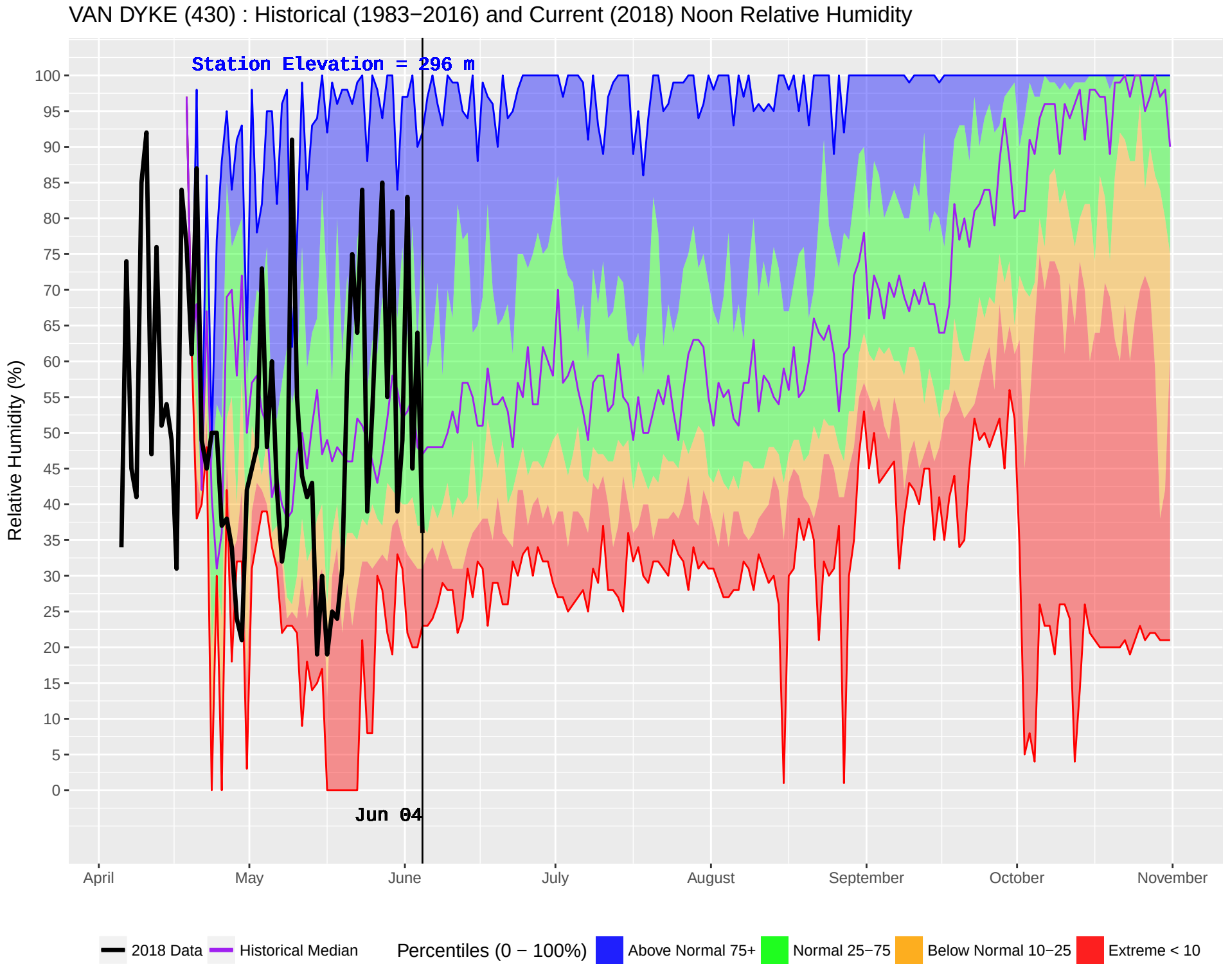
for

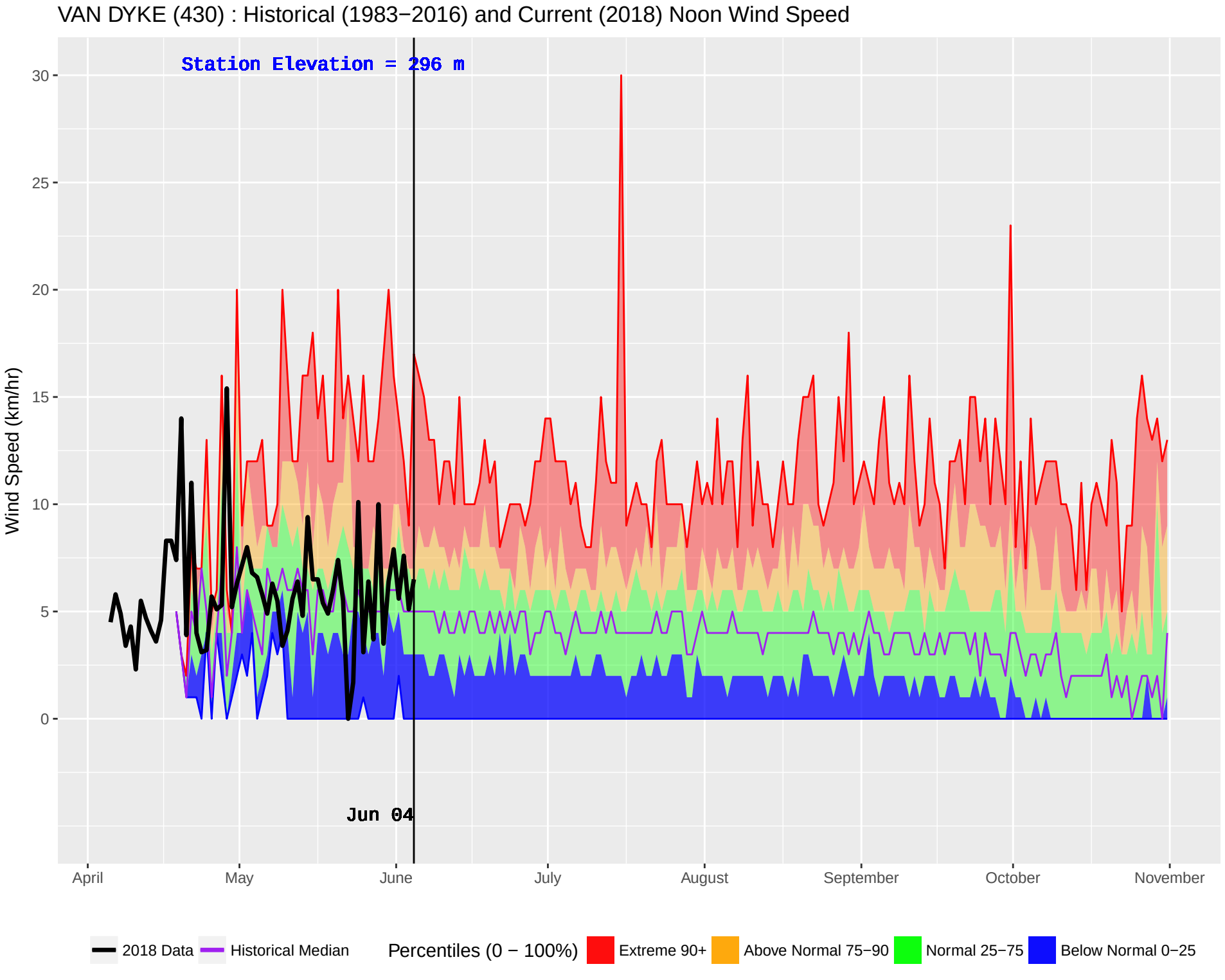
BC: VAN DYKE Weather Station

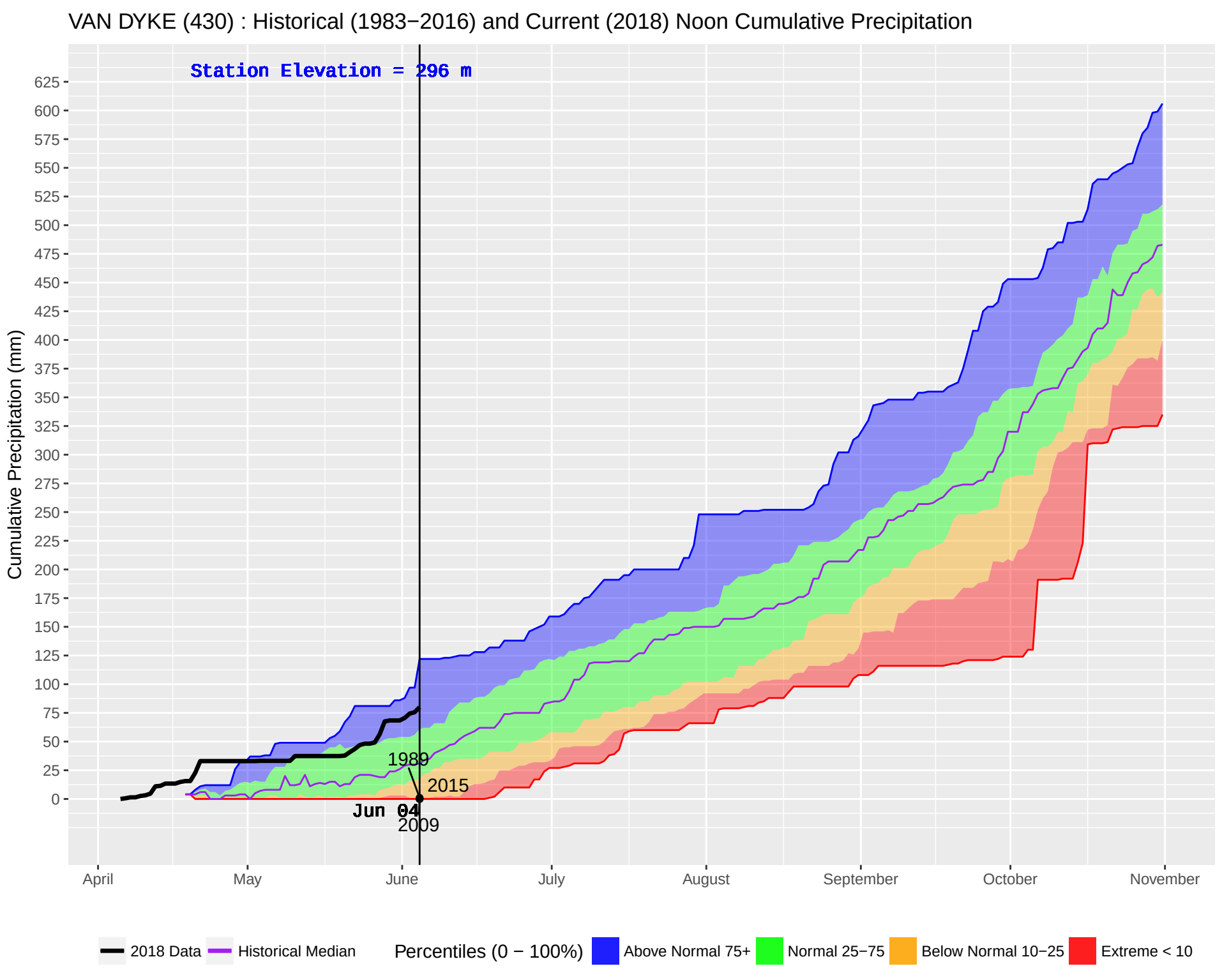
as of

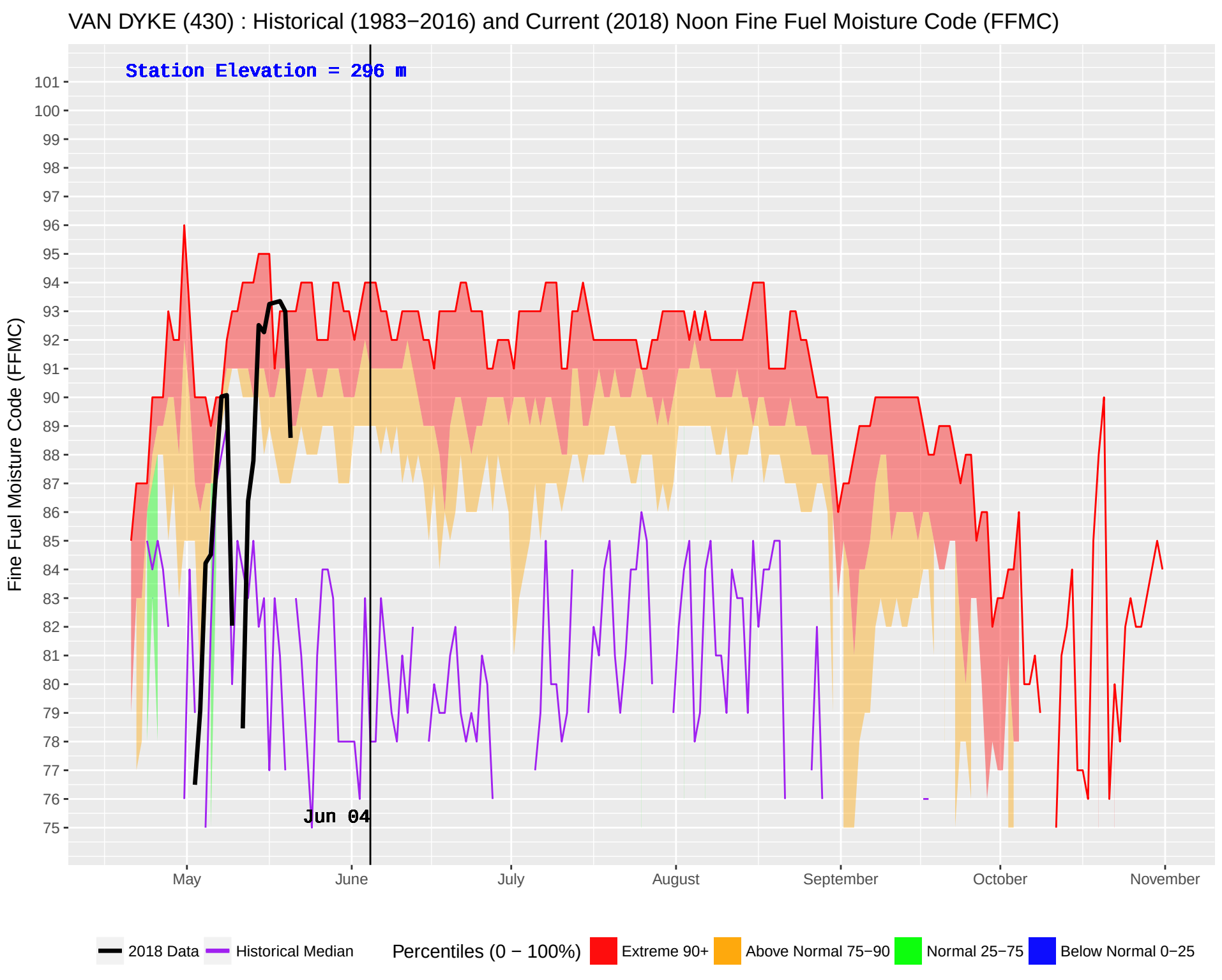
June 04, 2018

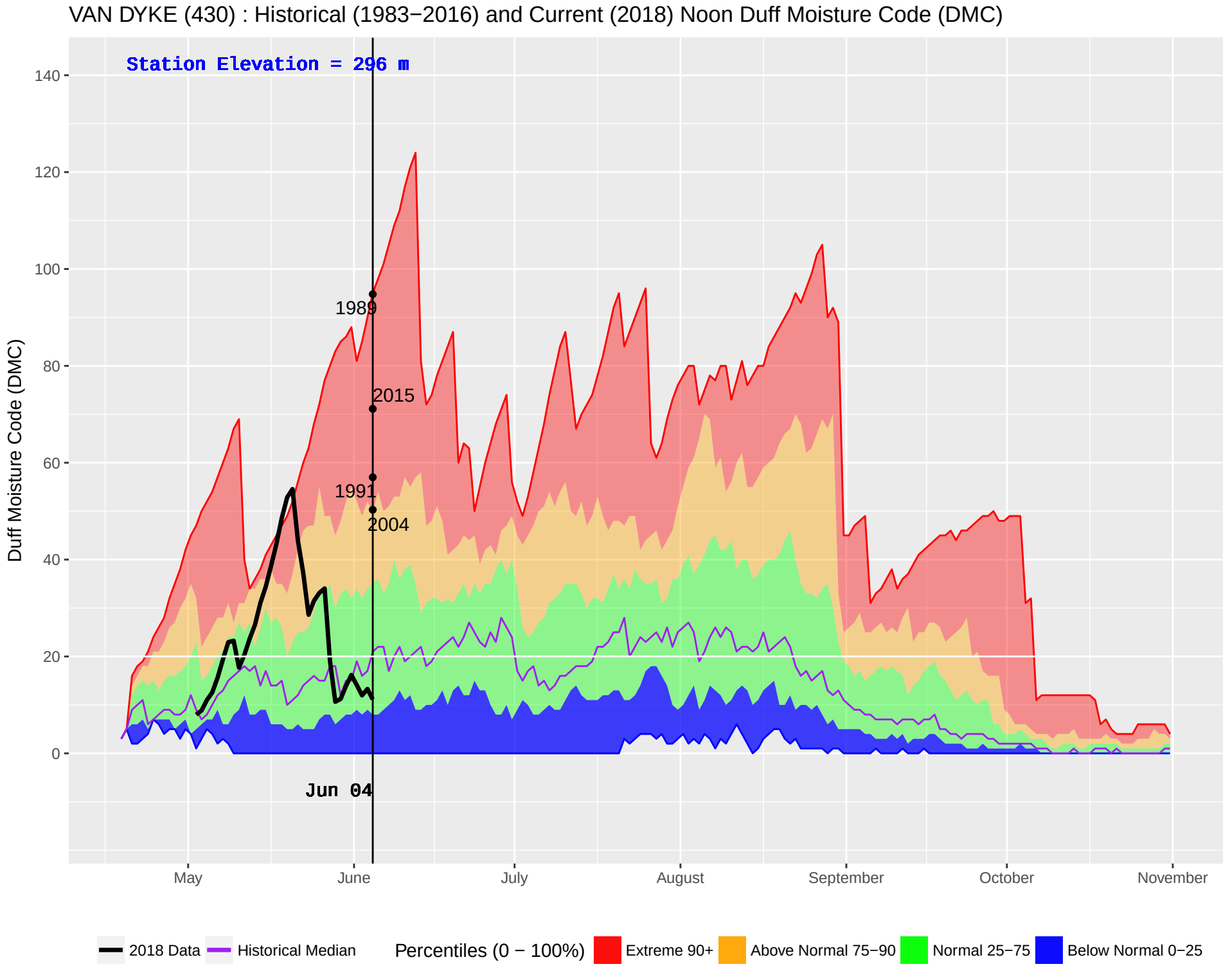

VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Temperature
Station Elevation = 296 m
Jun 04
Temperature (C)
35
30
25
20
15
10
5
0
−5
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

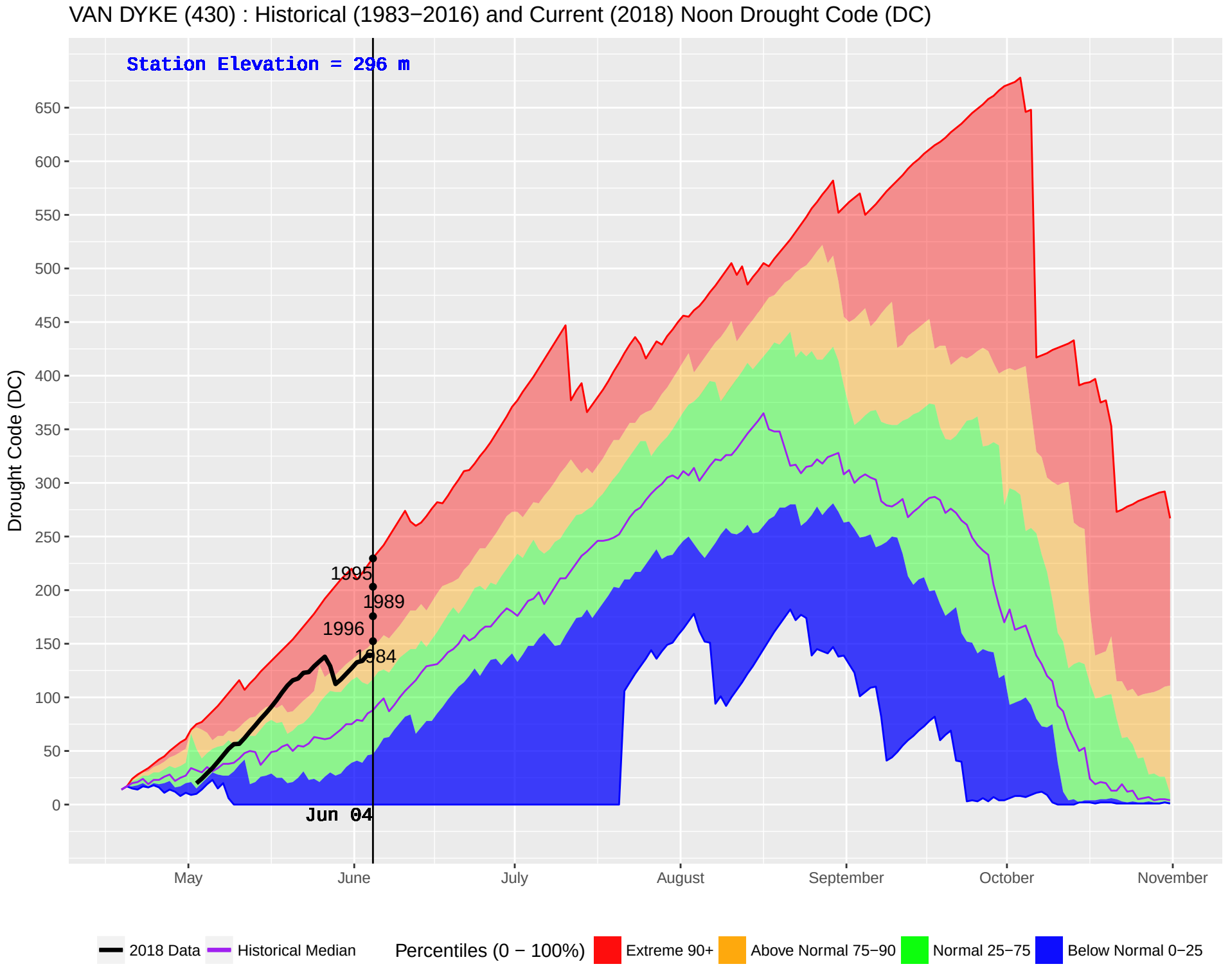

VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Relative Humidity
Station Elevation = 296 m
Jun 04
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

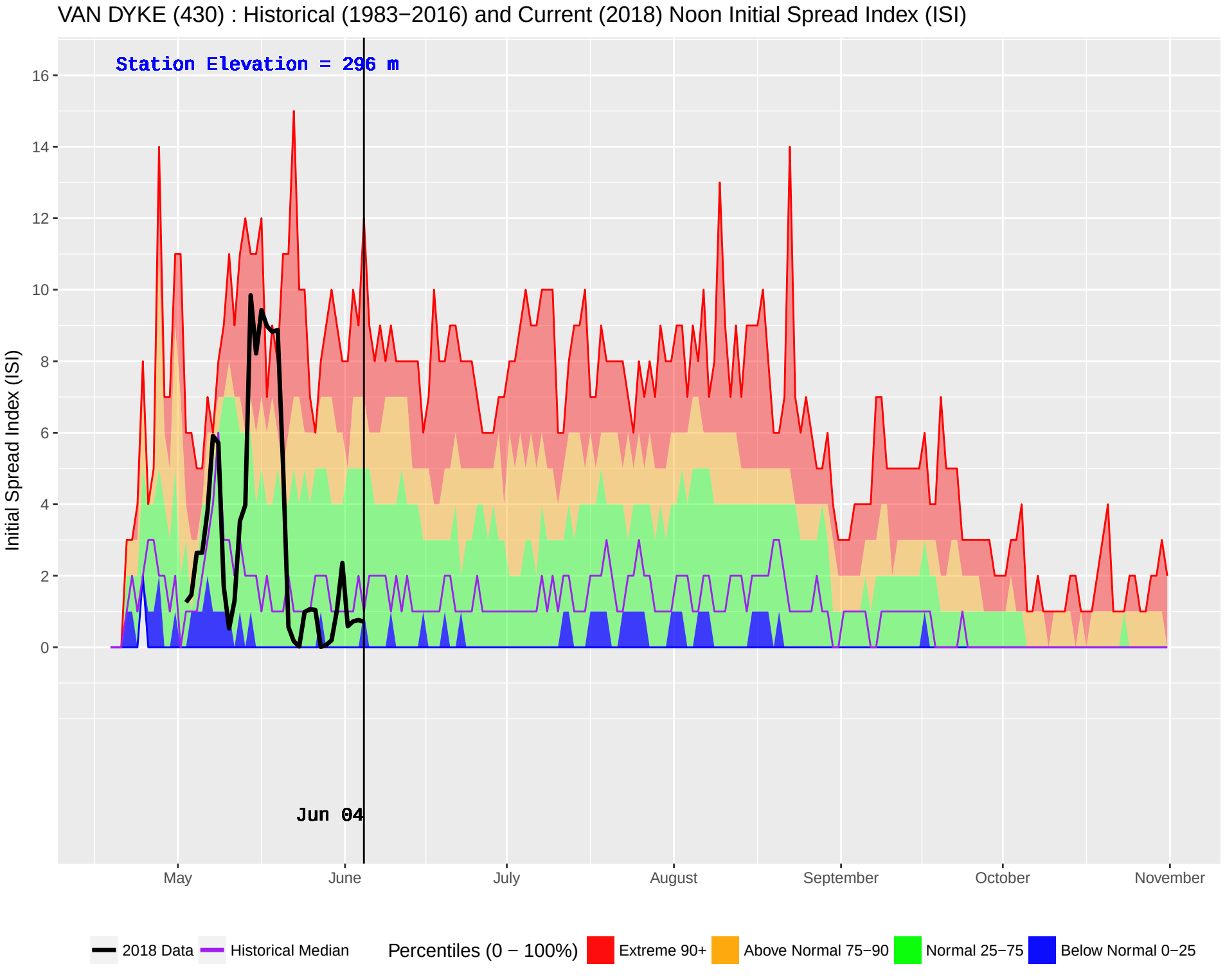

VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Wind Speed
Station Elevation = 296 m
Jun 04
Wind Speed (km/hr)
30
25
20
15
10
5
0
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

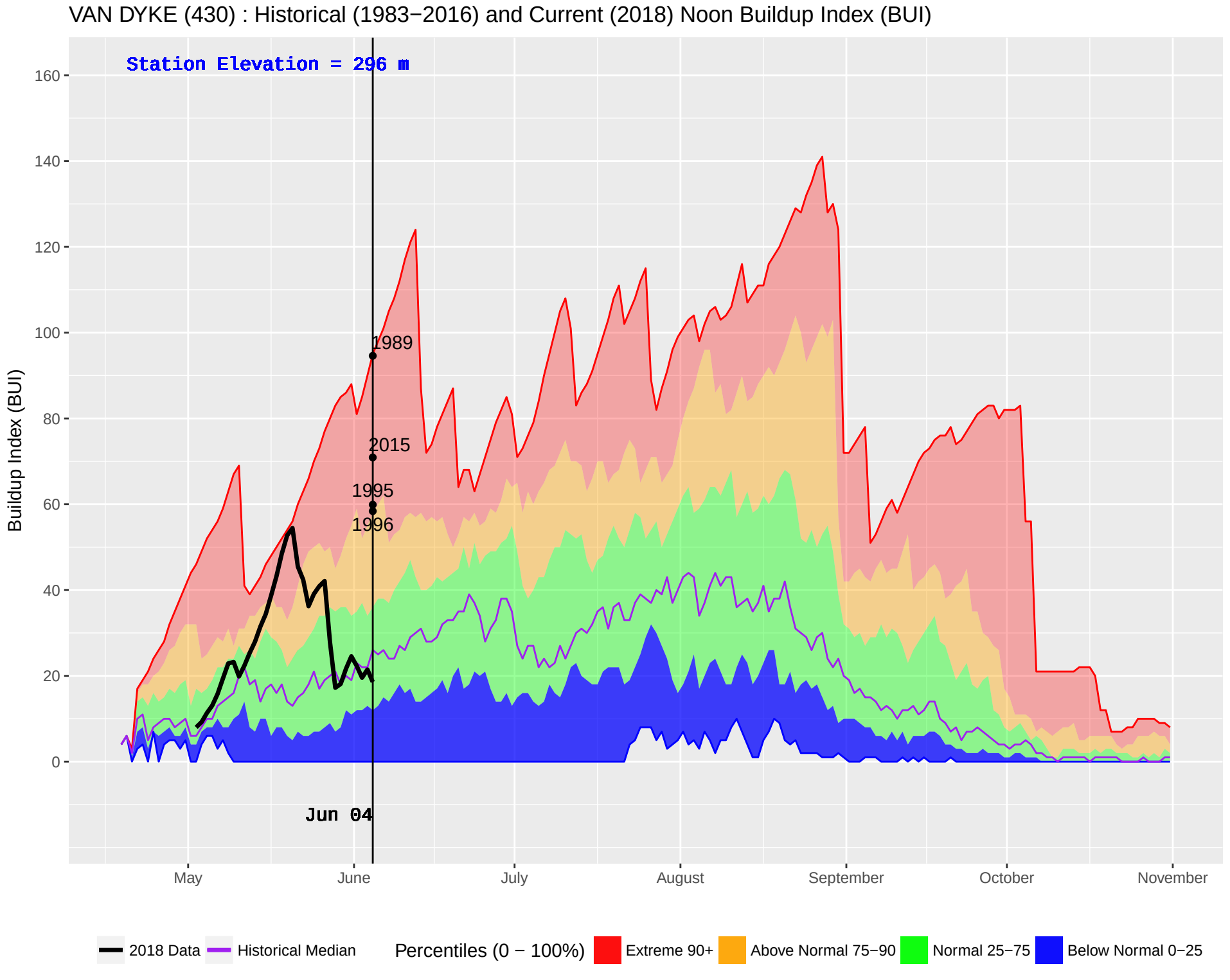

VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Cumulative Precipitation
Station Elevation = 296 m
Cumulative Precipitation (mm)
625
600
575
550
525
500
475
450
425
400
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
April
May
June
July
August
September
October
November
1989
2015
Jun 04
2009
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

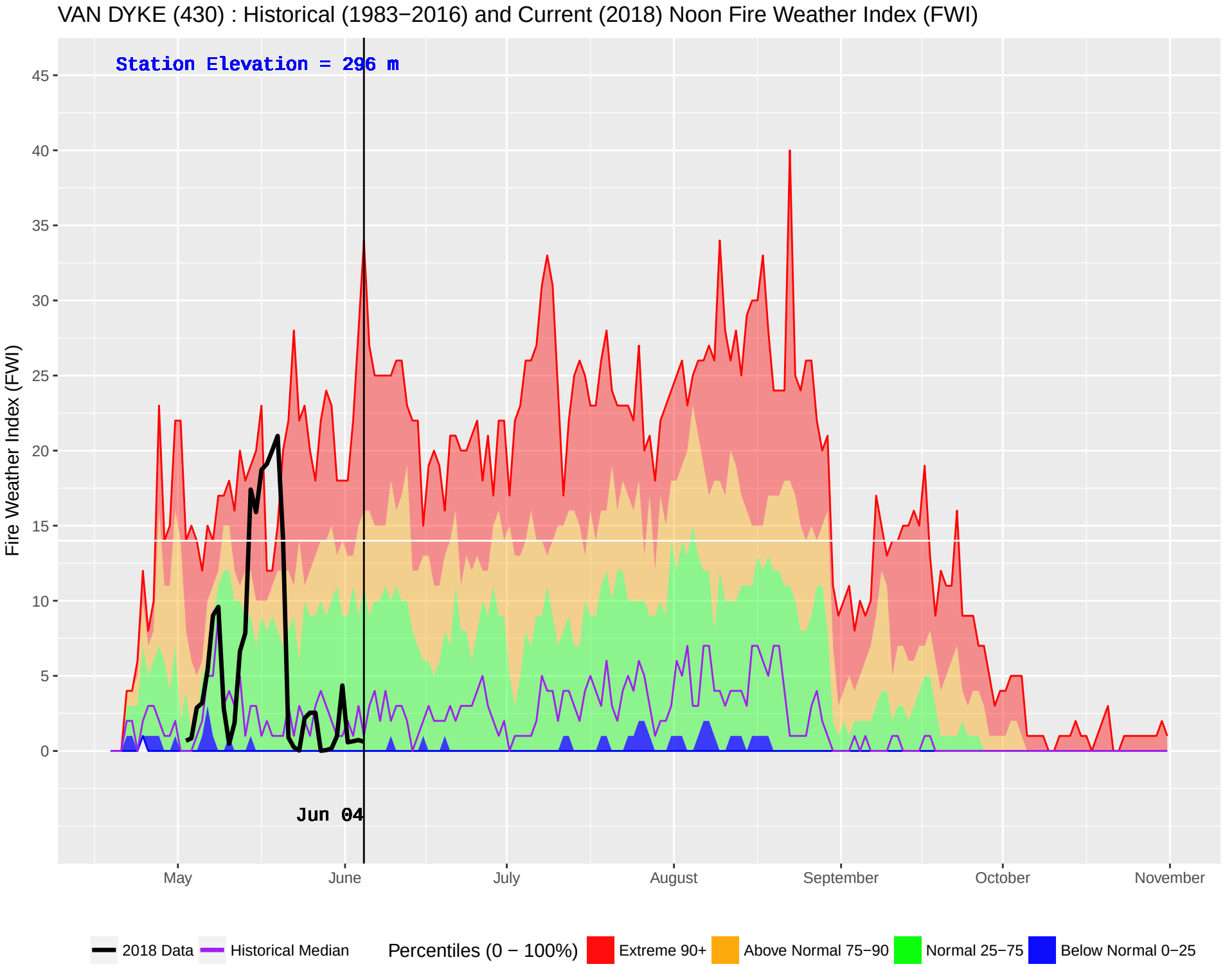

VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Fine Fuel Moisture Code (FFMC)
Station Elevation = 296 m
Fine Fuel Moisture Code (FFMC)
101
100
99
98
97
96
95
94
93
92
91
90
89
88
87
86
85
84
83
82
81
80
79
78
77
76
75
Jun 04
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Duff Moisture Code (DMC)
Station Elevation = 296 m
Duff Moisture Code (DMC)
140
120
100
80
60
40
20
0
1989
2015
1991
2004
Jun 04
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


VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Drought Code (DC)
Station Elevation = 296 m
Drought Code (DC)
650
600
550
500
450
400
350
300
250
200
150
100
50
0
1995
1989
1996
1984
Jun 04
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


VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Initial Spread Index (ISI)
Station Elevation = 296 m
Initial Spread Index (ISI)
16
14
12
10
8
6
4
2
0
Jun 04
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


VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Buildup Index (BUI)
Station Elevation = 296 m
Buildup Index (BUI)
160
140
120
100
80
60
40
20
0
1989
2015
1995
1996
Jun 04
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


VAN DYKE (430) : Historical (1983−2016) and Current (2018) Noon Fire Weather Index (FWI)
Station Elevation = 296 m
Fire Weather Index (FWI)
45
40
35
30
25
20
15
10
5
0
Jun 04
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

For Questions/Comments/Suggestions Contact:
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