Fire Weather Climatology

and

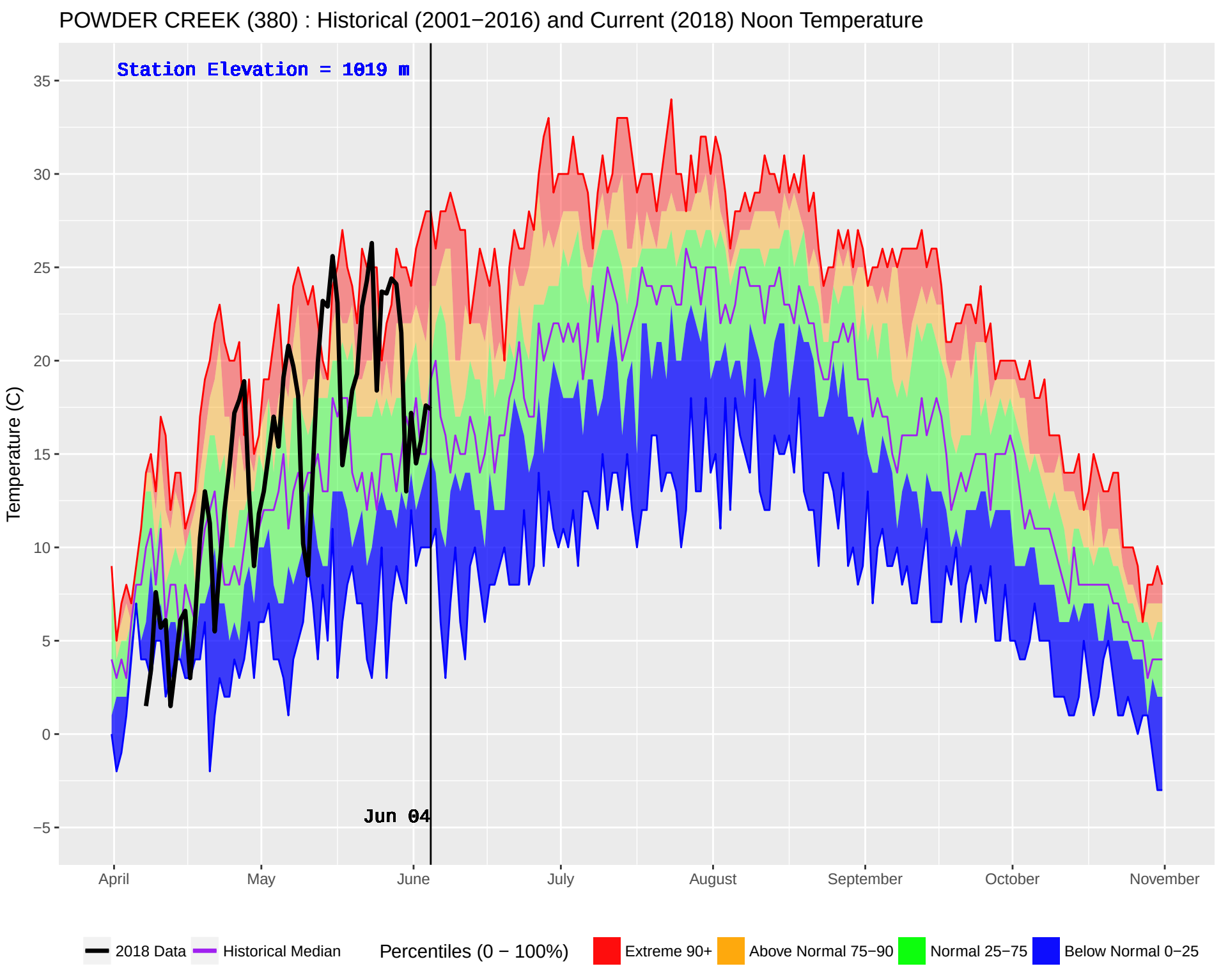
Current (2018) Conditions

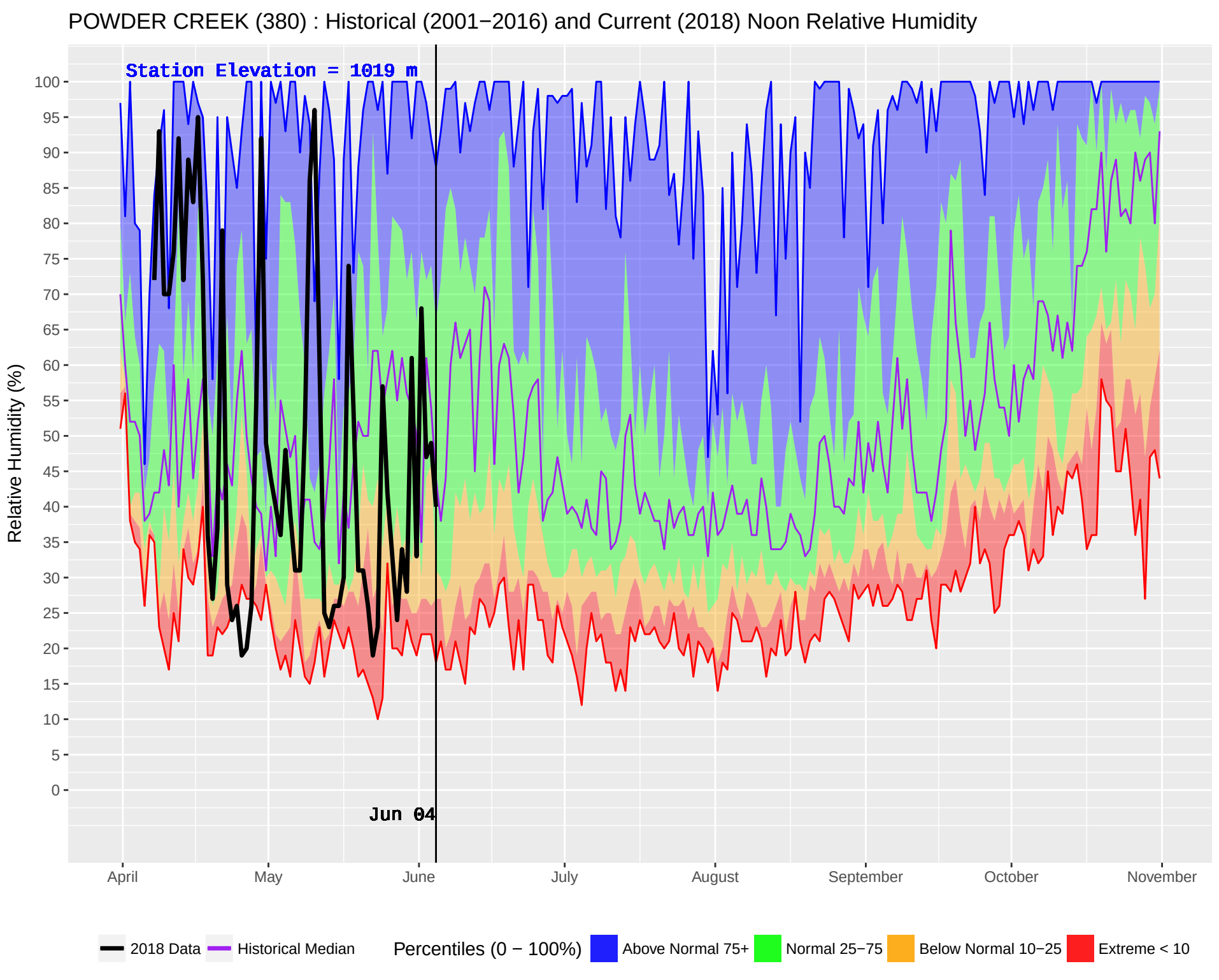
for

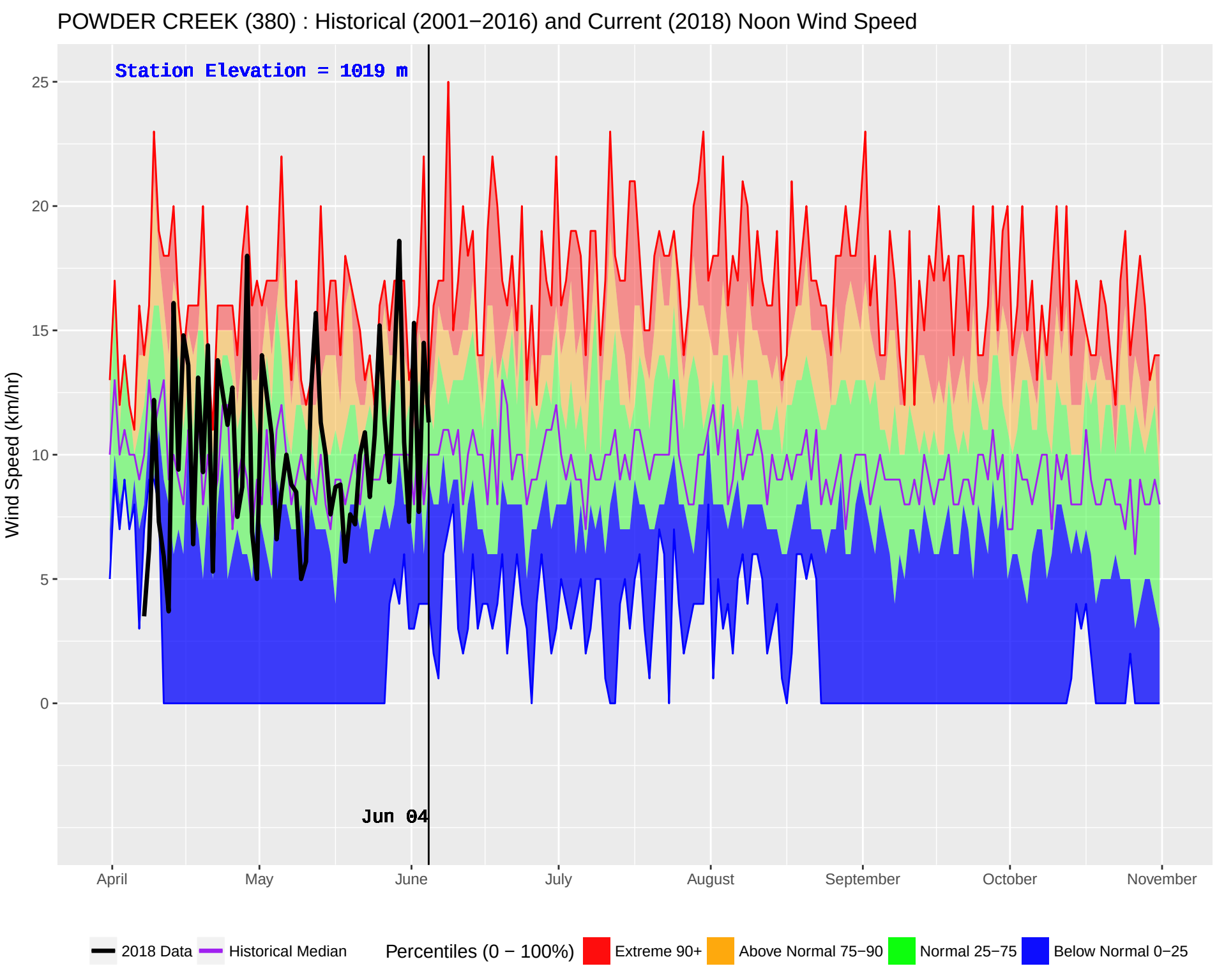
BC: POWDER CREEK Weather Station

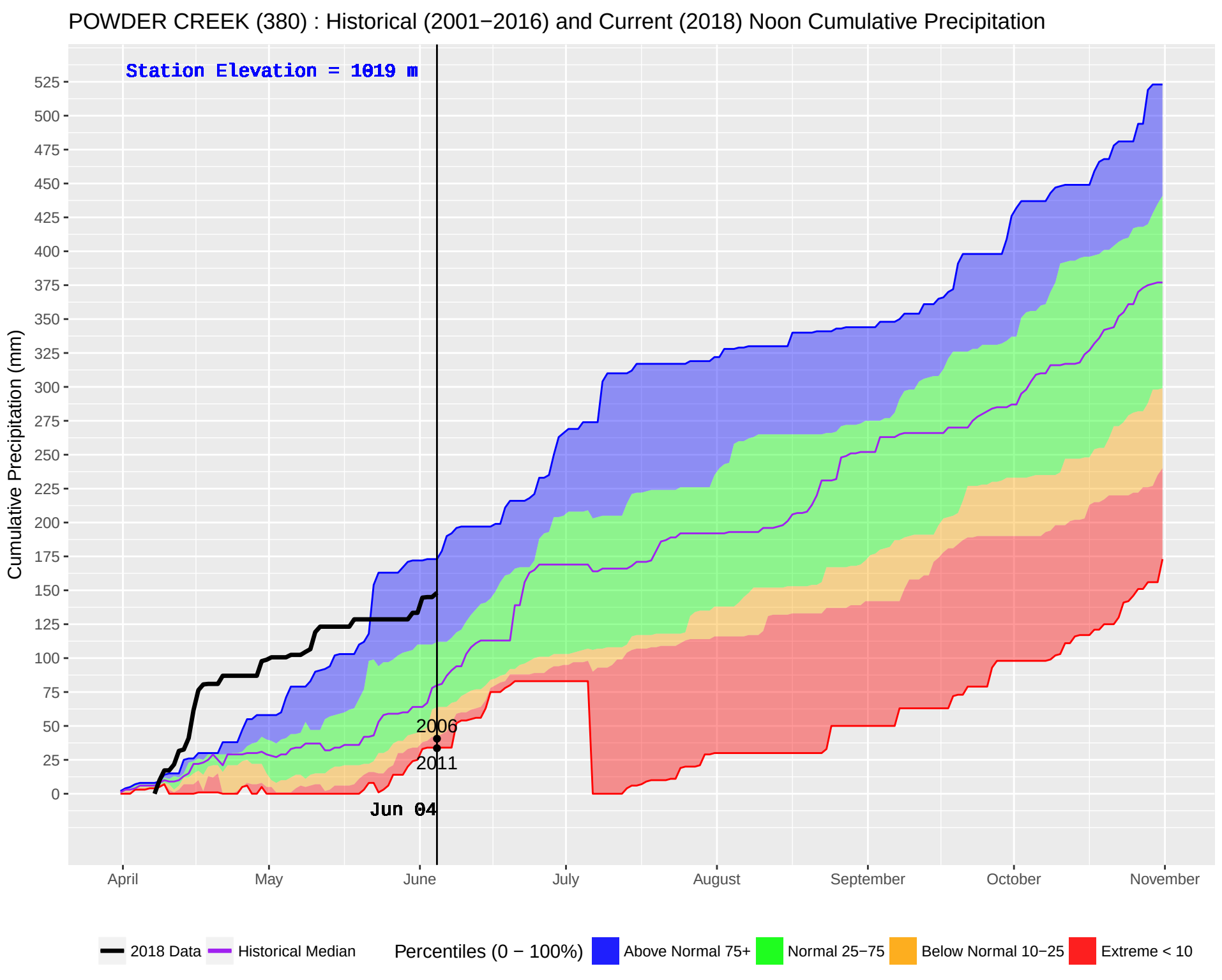
as of

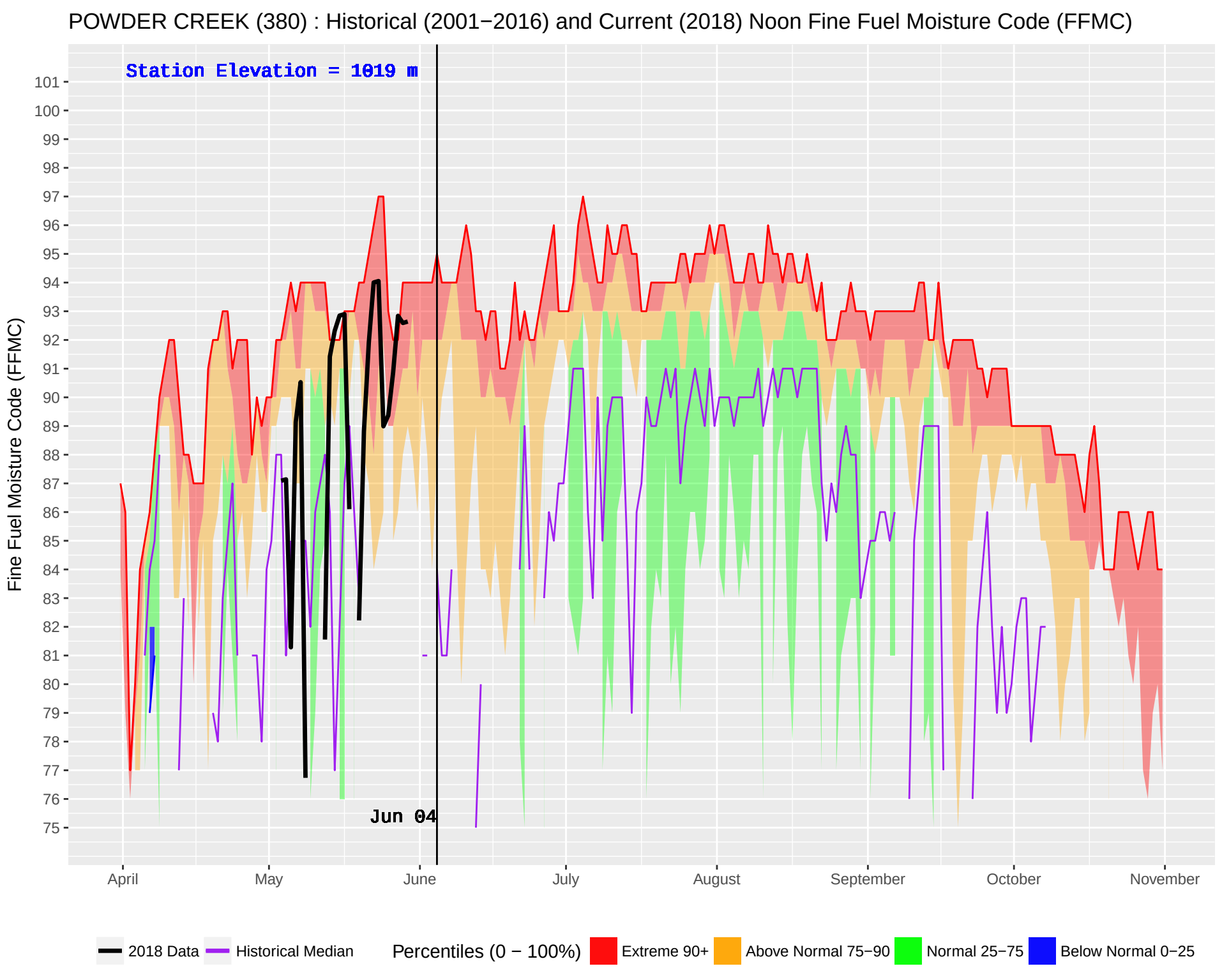
June 04, 2018

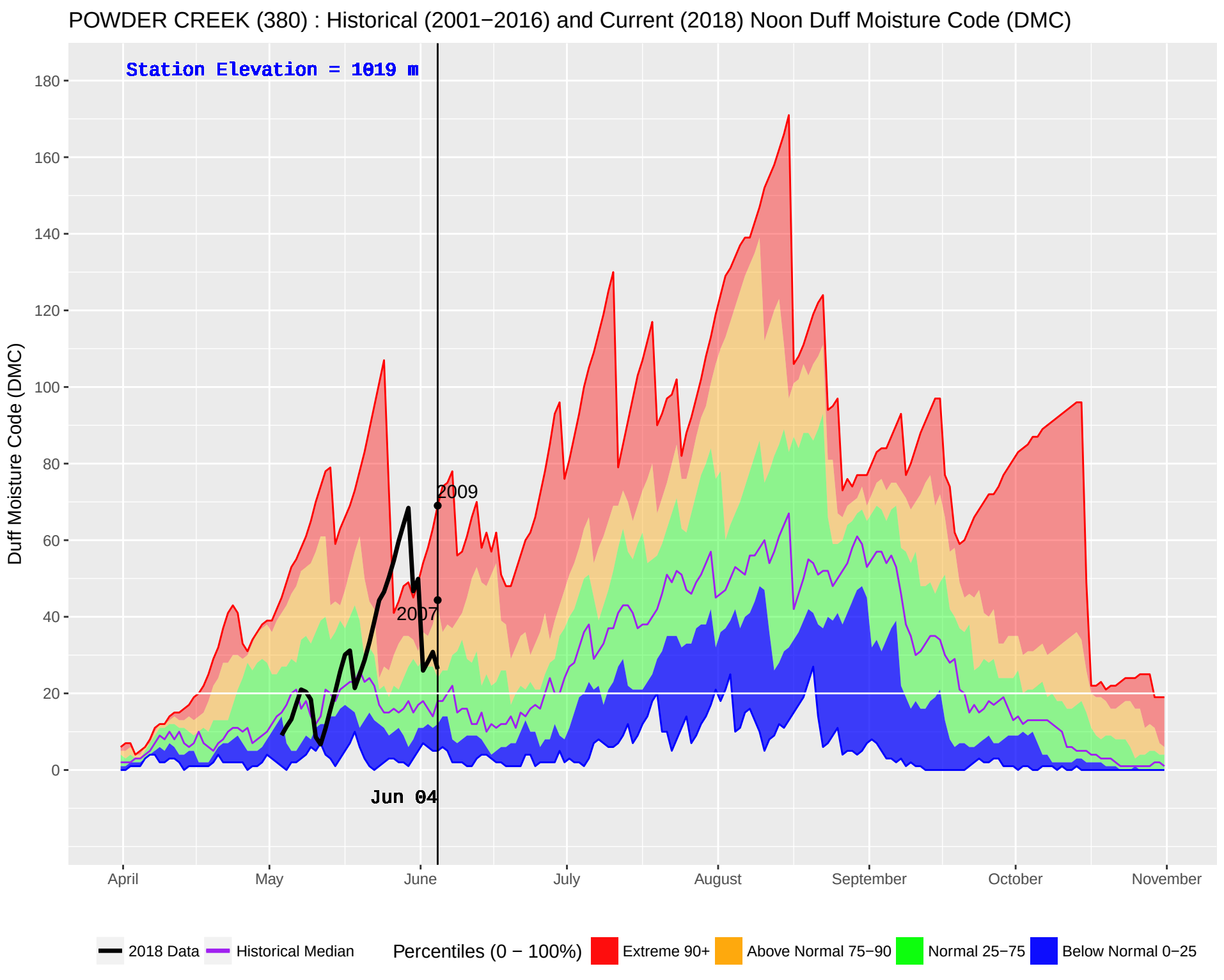

POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Temperature
Station Elevation = 1019 m
Jun 04
Temperature (C)
35
30
25
20
15
10
5
0
−5
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

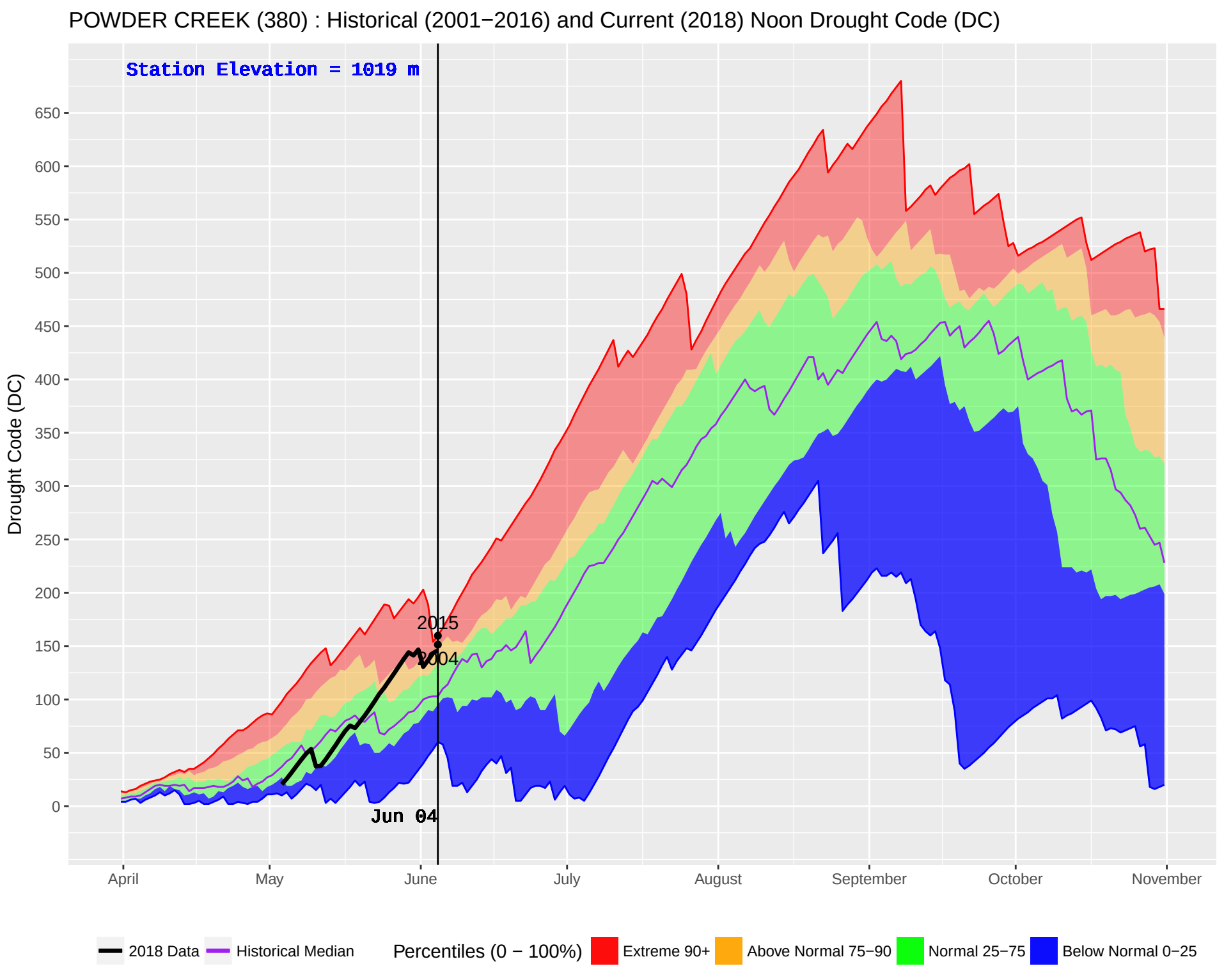

POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Relative Humidity
Station Elevation = 1019 m
Jun 04
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

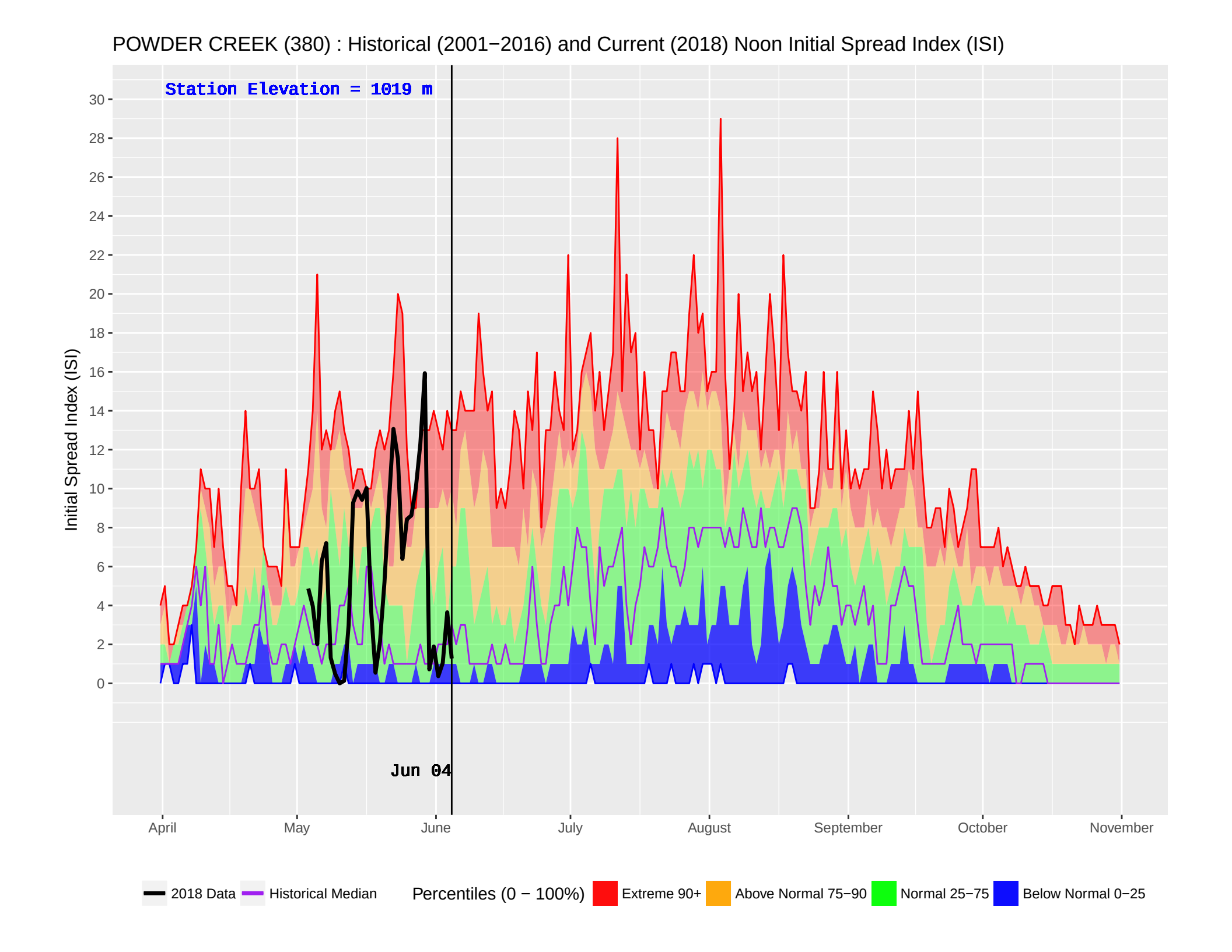

POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Wind Speed
Station Elevation = 1019 m
Wind Speed (km/hr)
25
20
15
10
5
0
Jun 04
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

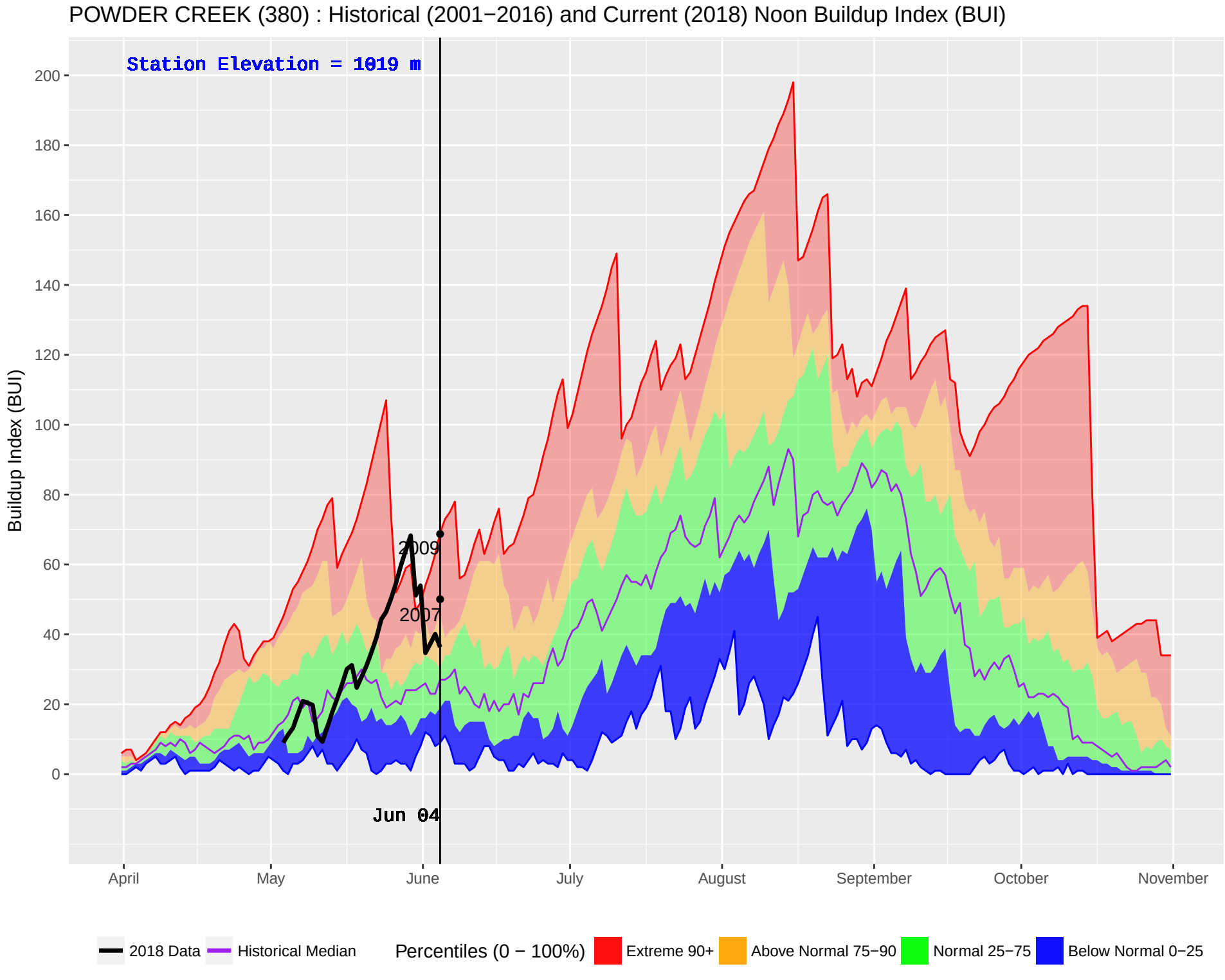

POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Cumulative Precipitation
Station Elevation = 1019 m
Cumulative Precipitation (mm)
525
500
475
450
425
400
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
2006
2011
Jun 04
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

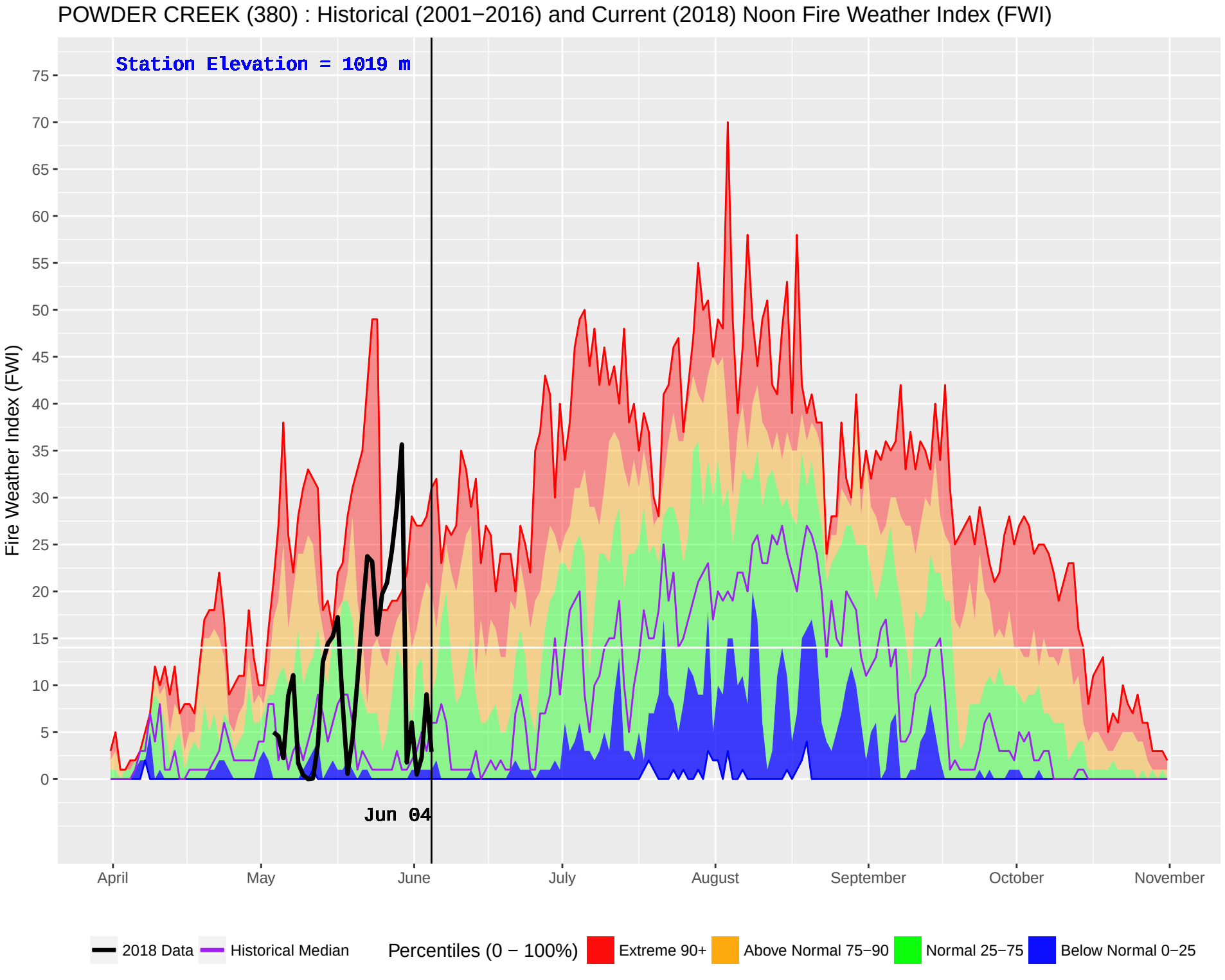

POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Fine Fuel Moisture Code (FFMC)
Station Elevation = 1019 m
Jun 04
Fine Fuel Moisture Code (FFMC)
101
100
99
98
97
96
95
94
93
92
91
90
89
88
87
86
85
84
83
82
81
80
79
78
77
76
75
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Duff Moisture Code (DMC)
Station Elevation = 1019 m
Duff Moisture Code (DMC)
180
160
140
120
100
80
60
40
20
0
2009
2007
Jun 04
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


POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Drought Code (DC)
Station Elevation = 1019 m
Drought Code (DC)
650
600
550
500
450
400
350
300
250
200
150
100
50
0
2015
2004
Jun 04
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


POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Initial Spread Index (ISI)
Station Elevation = 1019 m
Initial Spread Index (ISI)
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0
Jun 04
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


POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Buildup Index (BUI)
Station Elevation = 1019 m
Buildup Index (BUI)
200
180
160
140
120
100
80
60
40
20
0
2009
2007
Jun 04
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


POWDER CREEK (380) : Historical (2001−2016) and Current (2018) Noon Fire Weather Index (FWI)
Station Elevation = 1019 m
Fire Weather Index (FWI)
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Jun 04
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

For Questions/Comments/Suggestions Contact:
Brad Armitage
Ember Research Services Ltd.
(250) 213−2600
Brad.Armitage@EmberResearch.com