Fire Weather Climatology

and

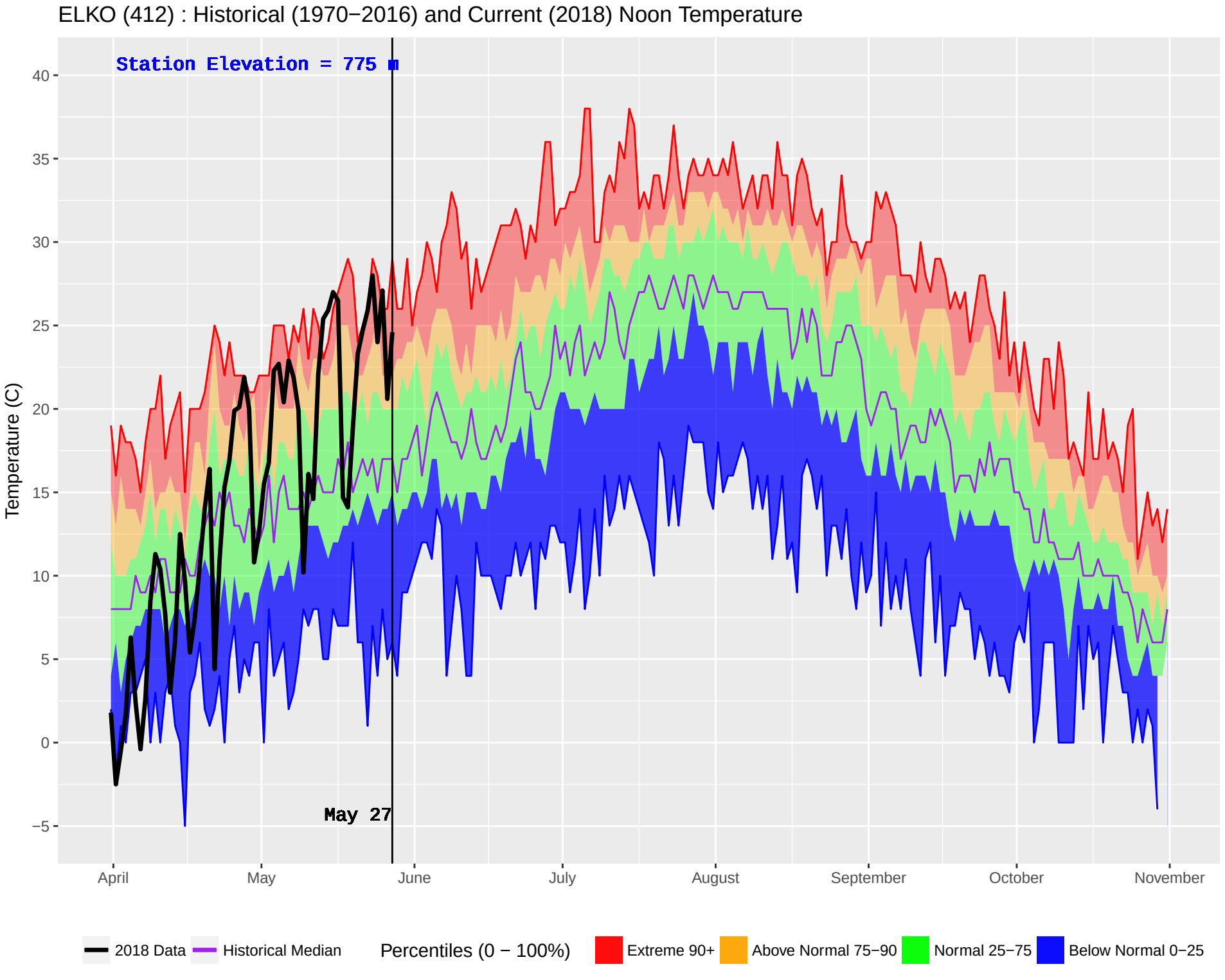
Current (2018) Conditions

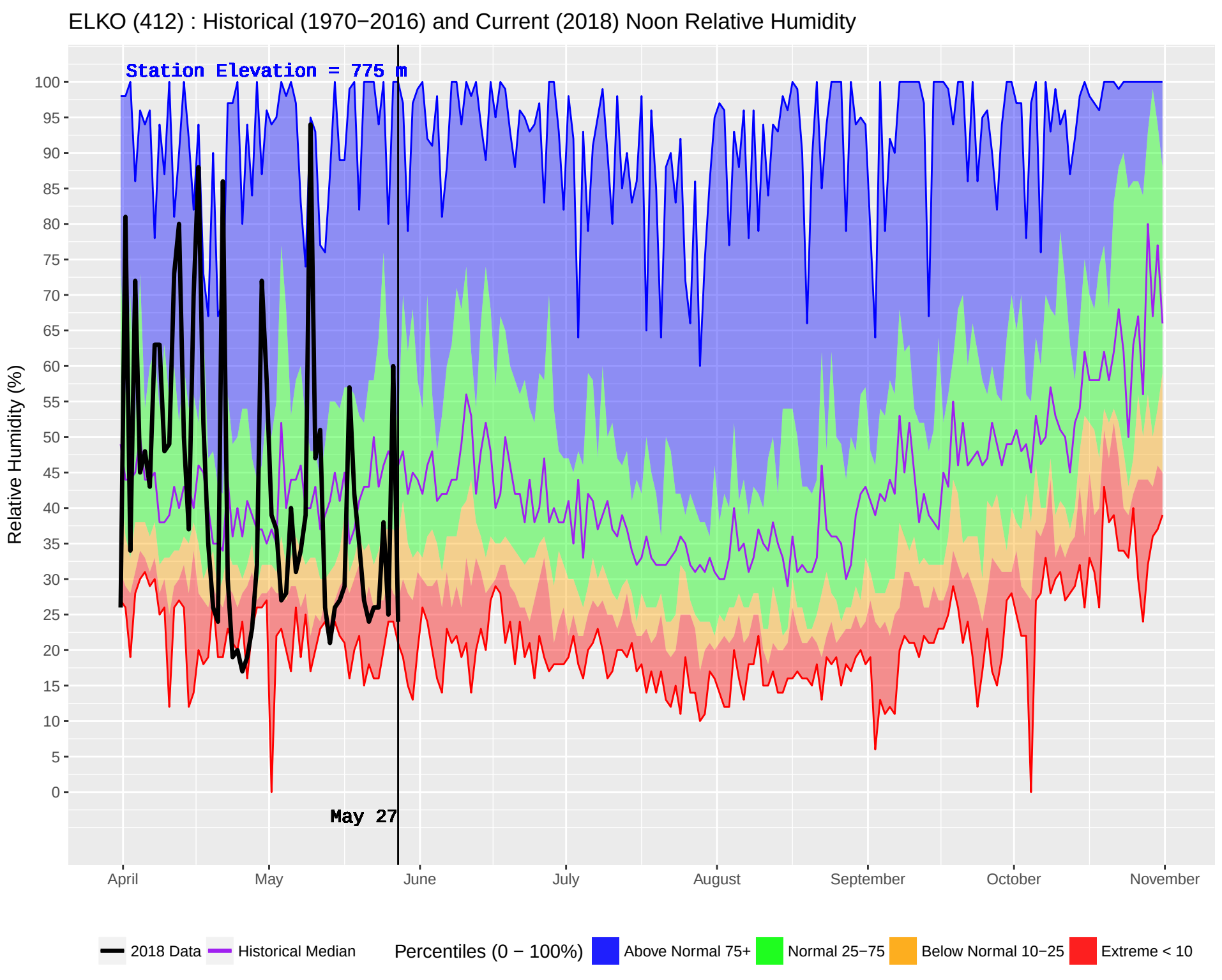
for

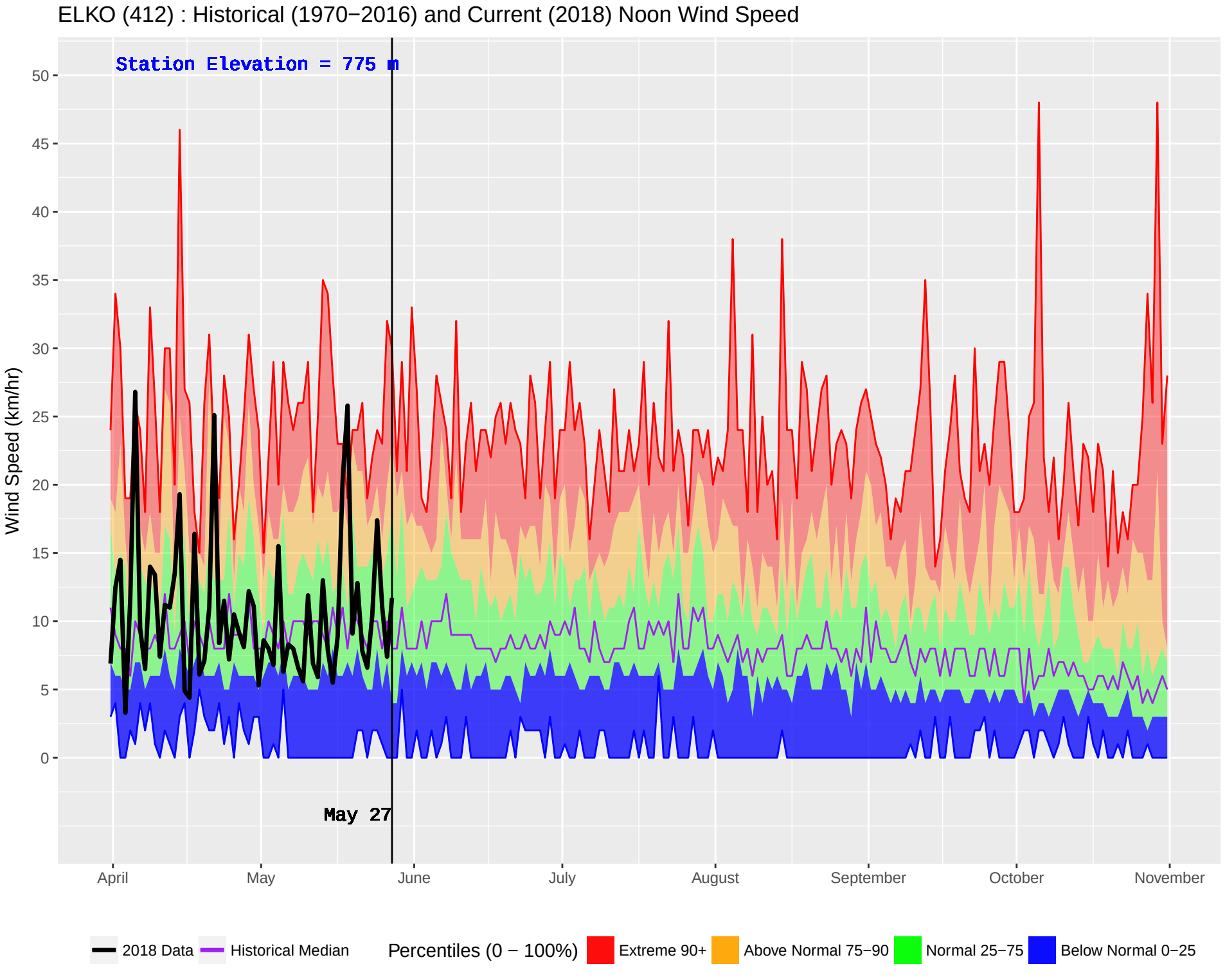
BC: ELKO Weather Station

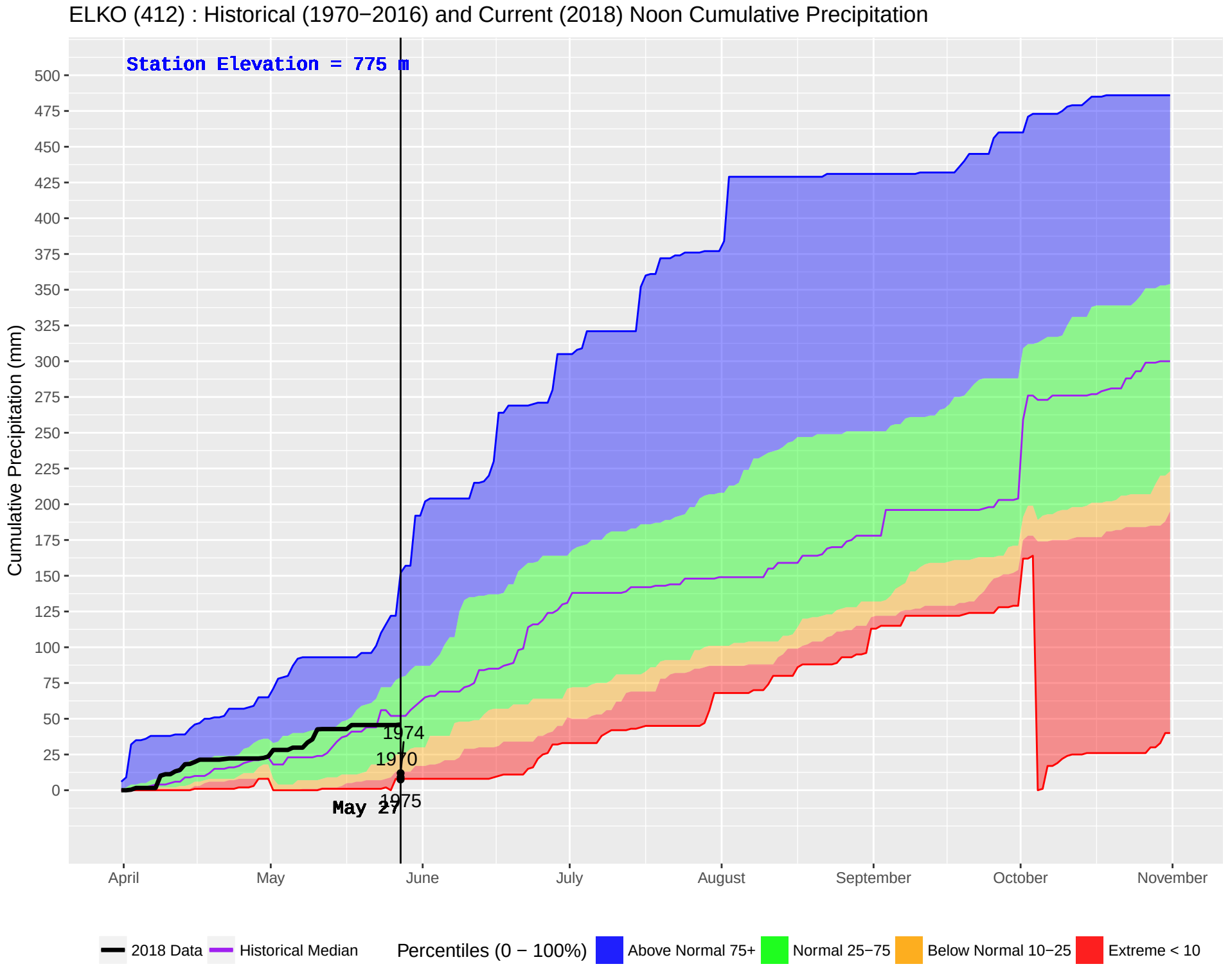
as of

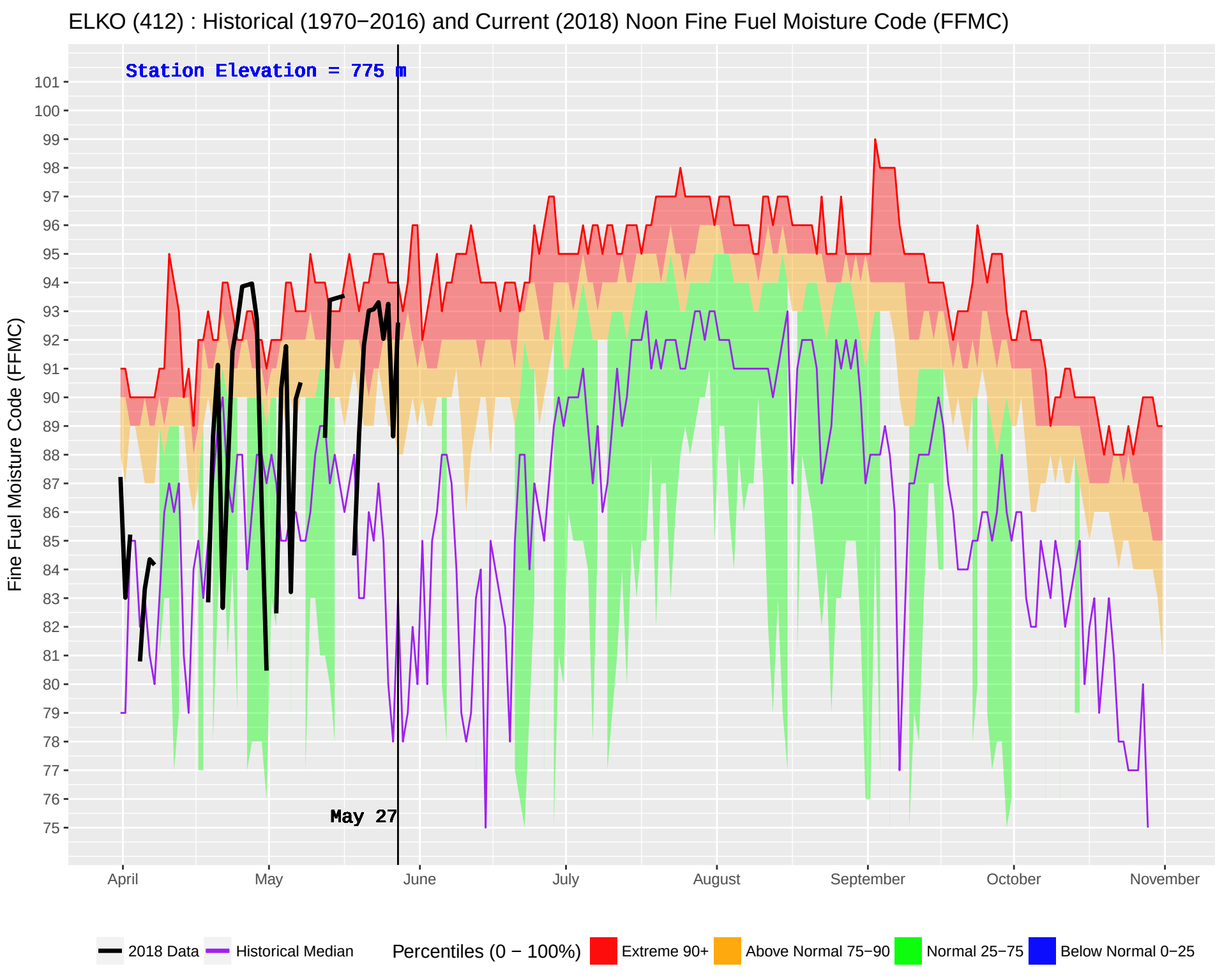
May 27, 2018

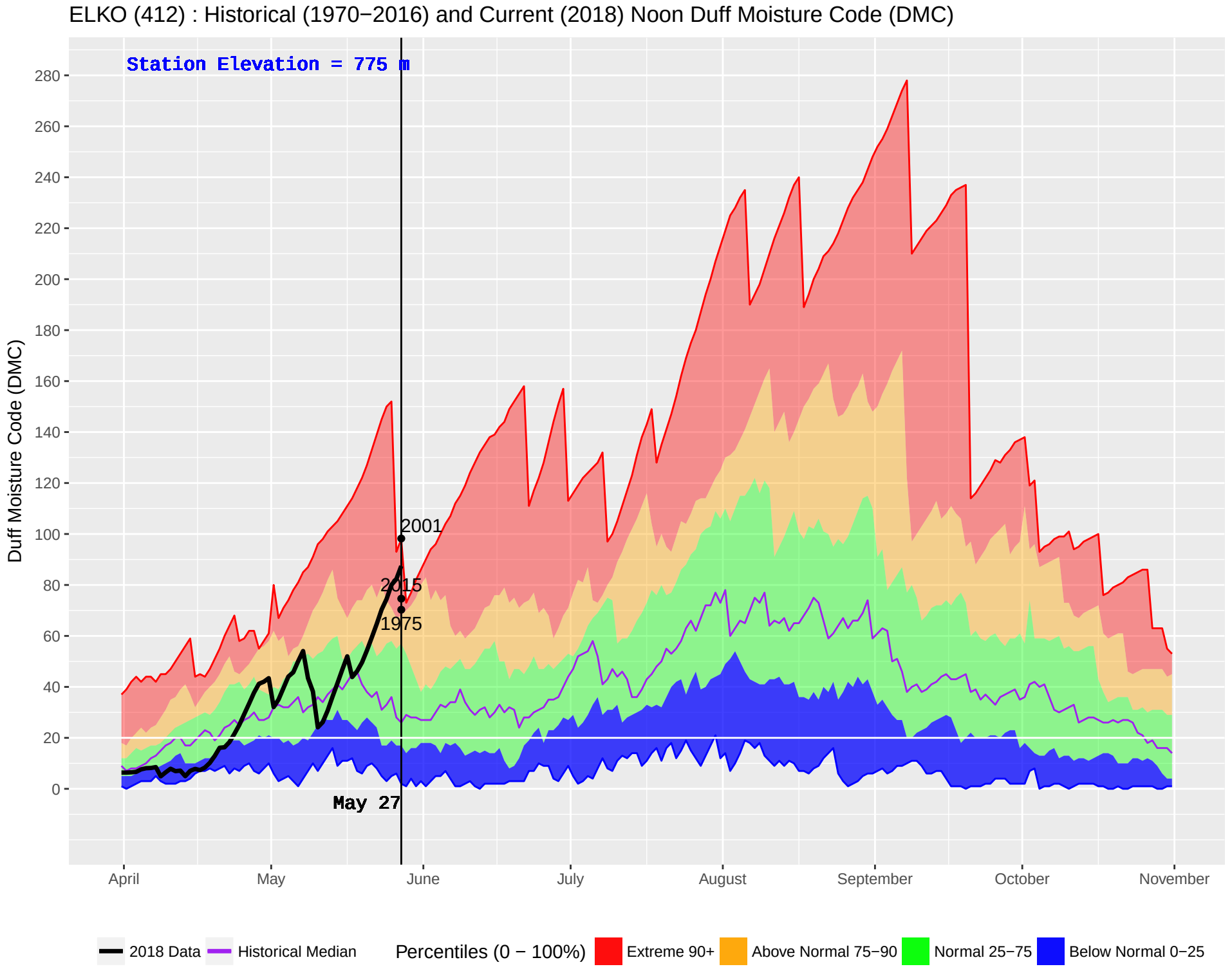

ELKO (412) : Historical (1970−2016) and Current (2018) Noon Temperature
Station Elevation = 775 m
May 27
Temperature (C)
40
35
30
25
20
15
10
5
0
−5
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

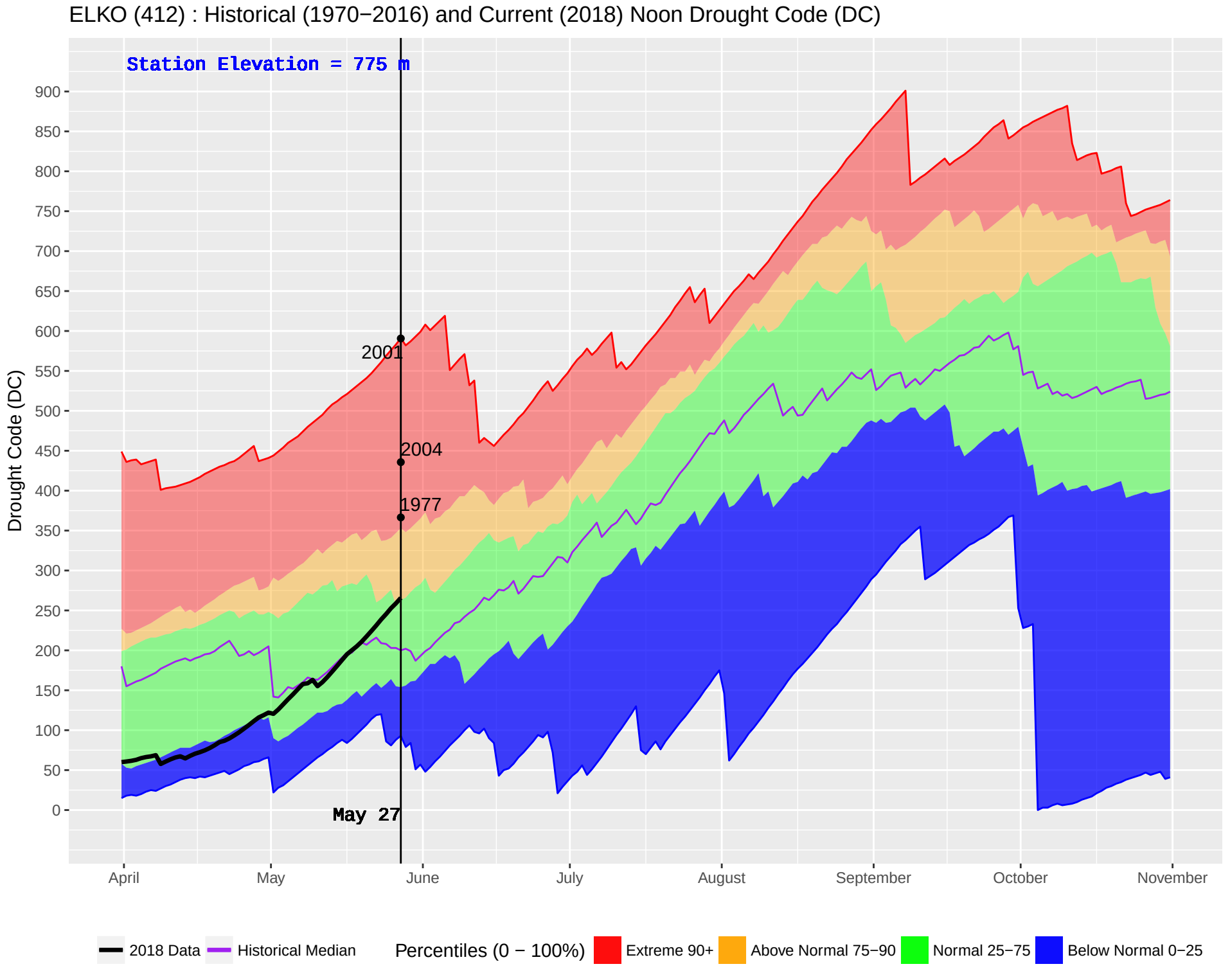

ELKO (412) : Historical (1970−2016) and Current (2018) Noon Relative Humidity
Station Elevation = 775 m
May 27
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

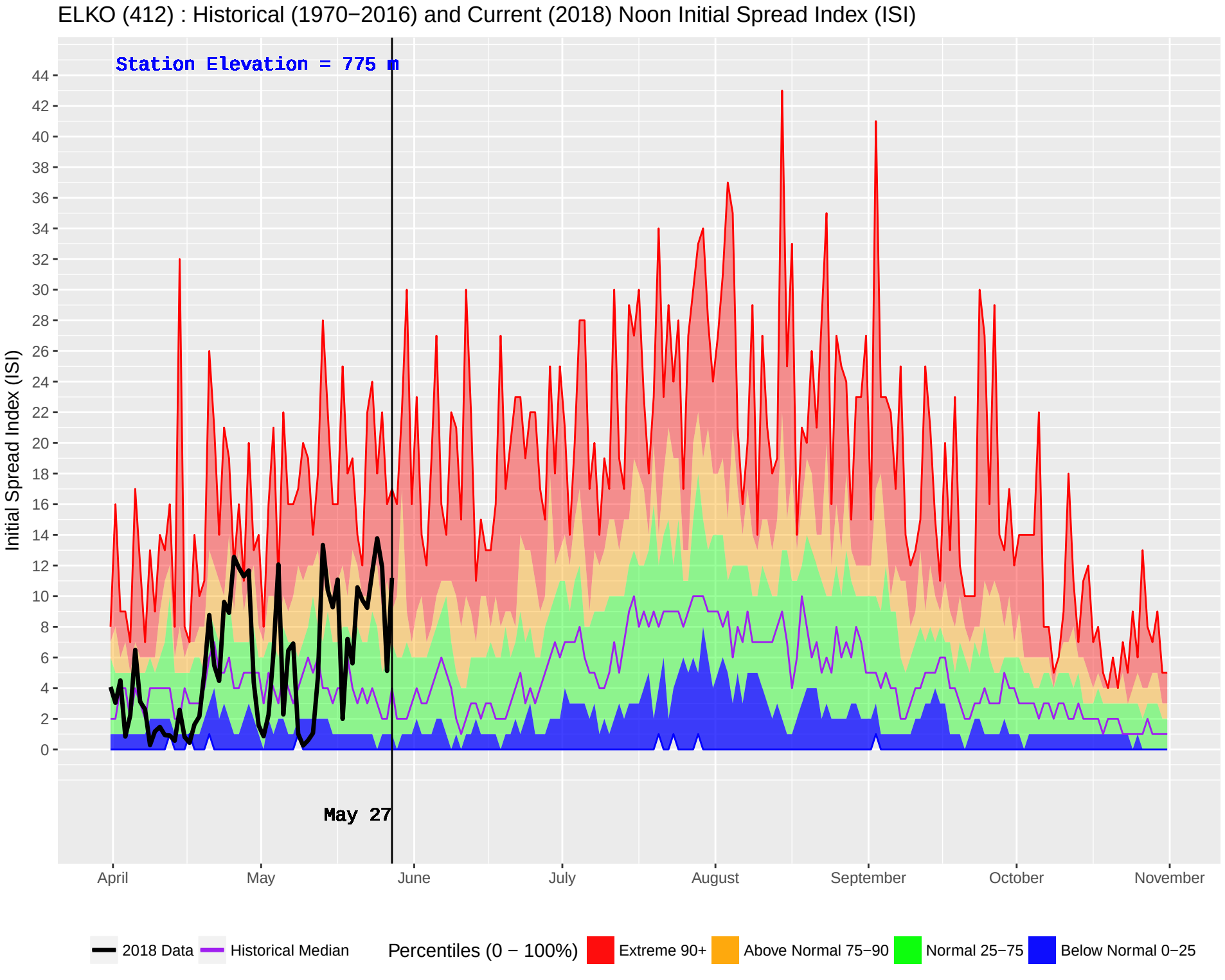

ELKO (412) : Historical (1970−2016) and Current (2018) Noon Wind Speed
Station Elevation = 775 m
May 27
Wind Speed (km/hr)
50
45
40
35
30
25
20
15
10
5
0
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25

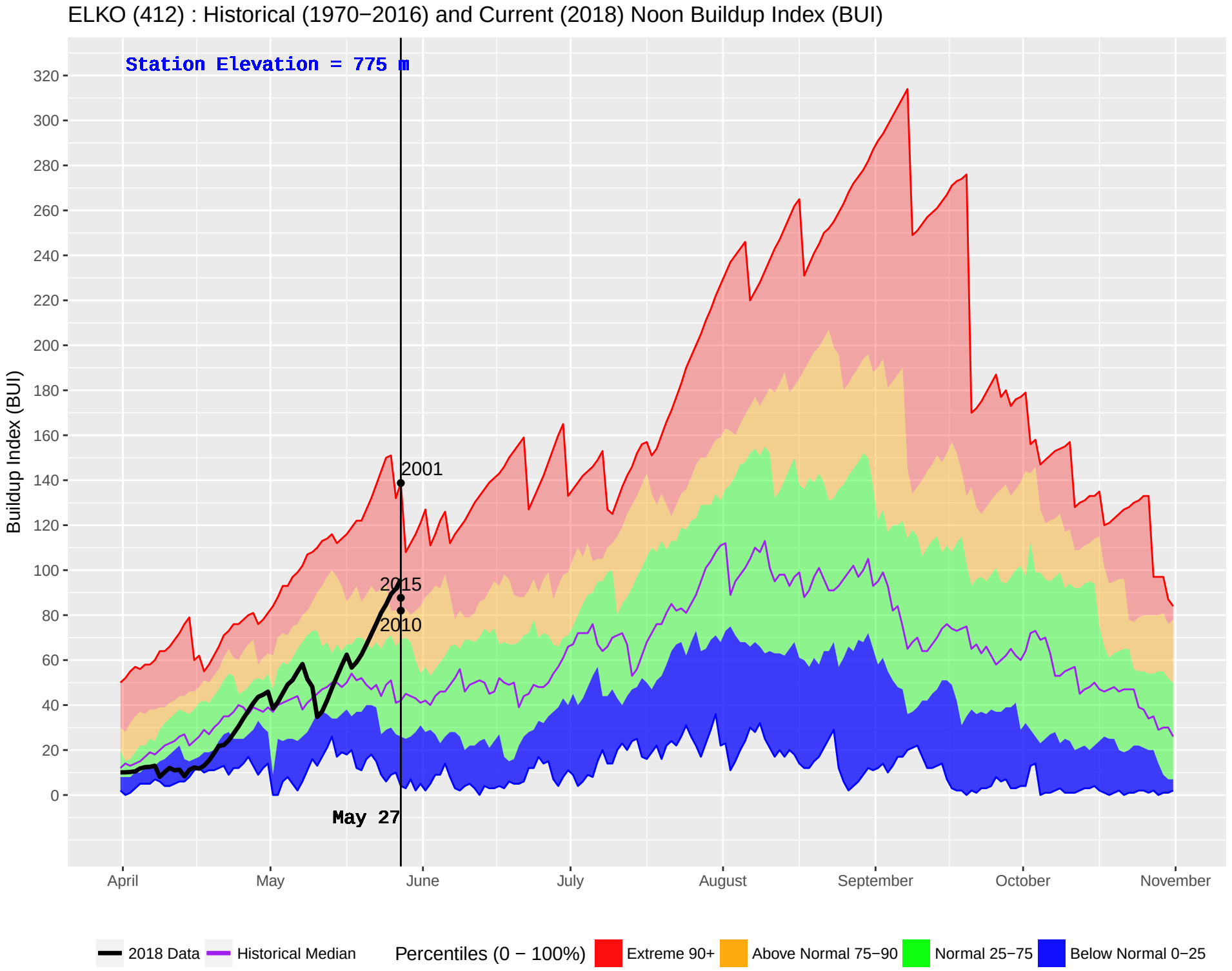

ELKO (412) : Historical (1970−2016) and Current (2018) Noon Cumulative Precipitation
Station Elevation = 775 m
Cumulative Precipitation (mm)
500
475
450
425
400
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
April
May
June
July
August
September
October
November
1974
1970
1975
May 27
2018 Data
Historical Median
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10

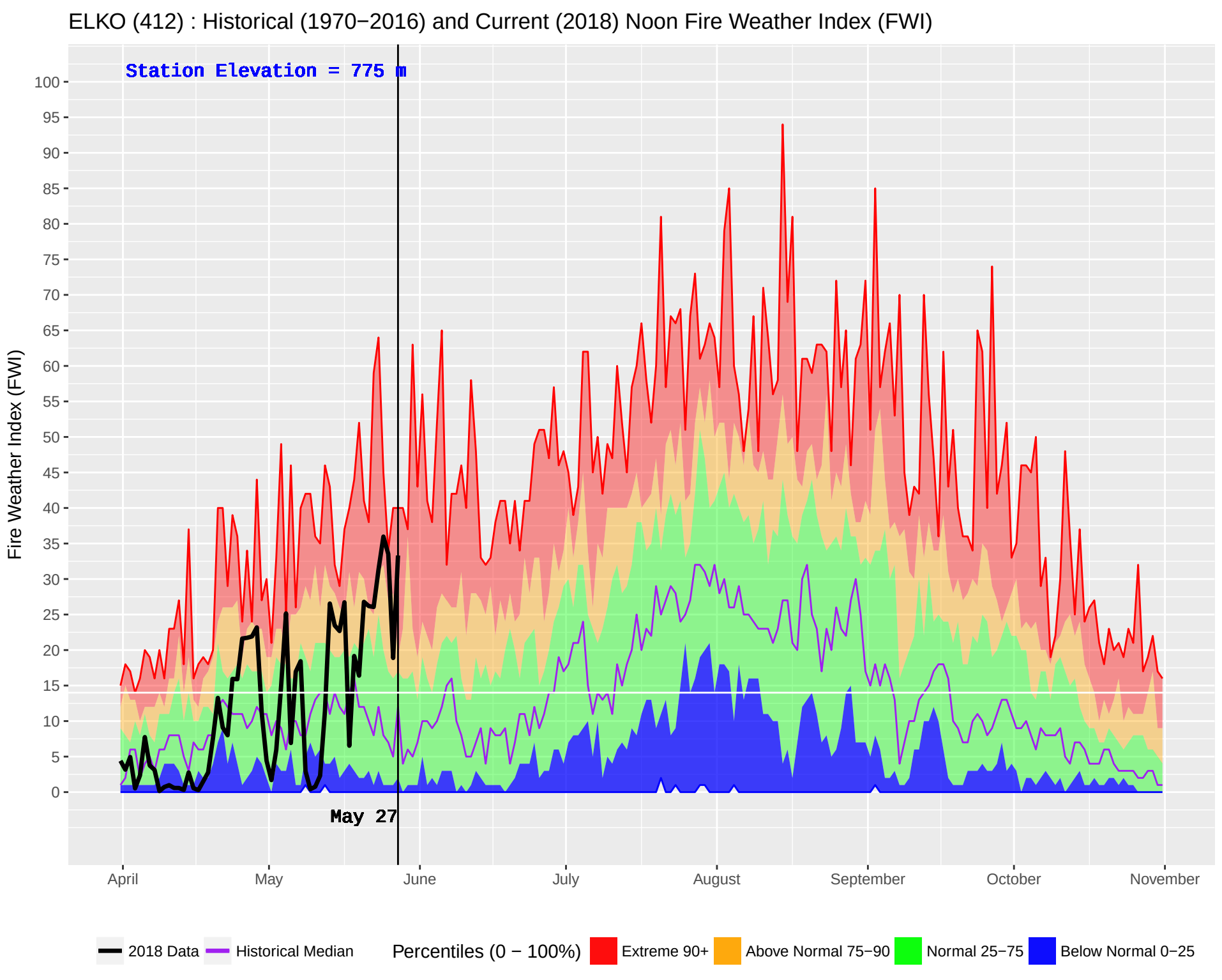

ELKO (412) : Historical (1970−2016) and Current (2018) Noon Fine Fuel Moisture Code (FFMC)
Station Elevation = 775 m
May 27
Fine Fuel Moisture Code (FFMC)
101
100
99
98
97
96
95
94
93
92
91
90
89
88
87
86
85
84
83
82
81
80
79
78
77
76
75
April
May
June
July
August
September
October
November
2018 Data
Historical Median
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25


ELKO (412) : Historical (1970−2016) and Current (2018) Noon Duff Moisture Code (DMC)
Station Elevation = 775 m
Duff Moisture Code (DMC)
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
2001
2015
1975
May 27
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


ELKO (412) : Historical (1970−2016) and Current (2018) Noon Drought Code (DC)
Station Elevation = 775 m
Drought Code (DC)
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
2001
2004
1977
May 27
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


ELKO (412) : Historical (1970−2016) and Current (2018) Noon Initial Spread Index (ISI)
Station Elevation = 775 m
Initial Spread Index (ISI)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
May 27
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


ELKO (412) : Historical (1970−2016) and Current (2018) Noon Buildup Index (BUI)
Station Elevation = 775 m
Buildup Index (BUI)
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
2001
2015
2010
May 27
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


ELKO (412) : Historical (1970−2016) and Current (2018) Noon Fire Weather Index (FWI)
Station Elevation = 775 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
May 27
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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