Fire Weather Climatology

and

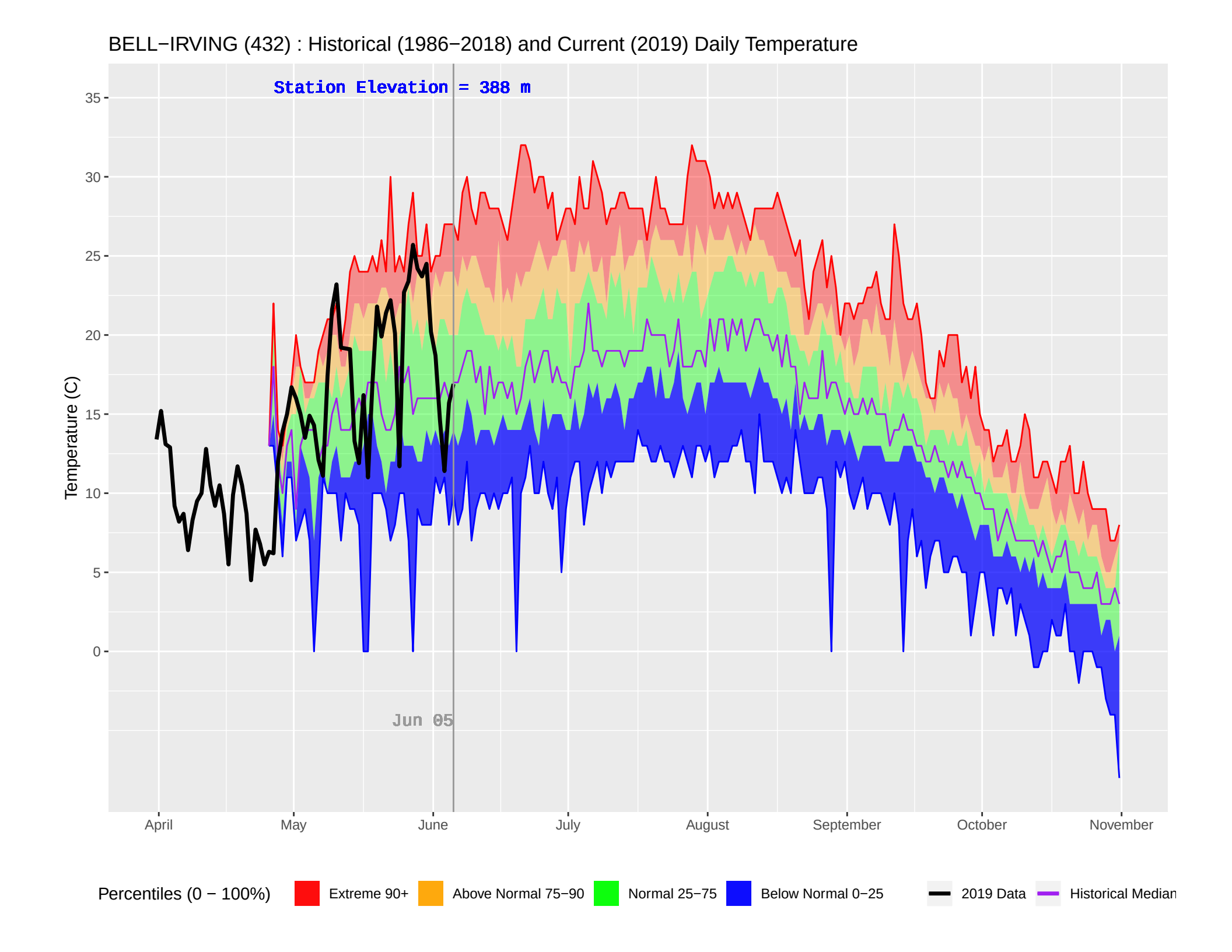
Current (2019) Conditions

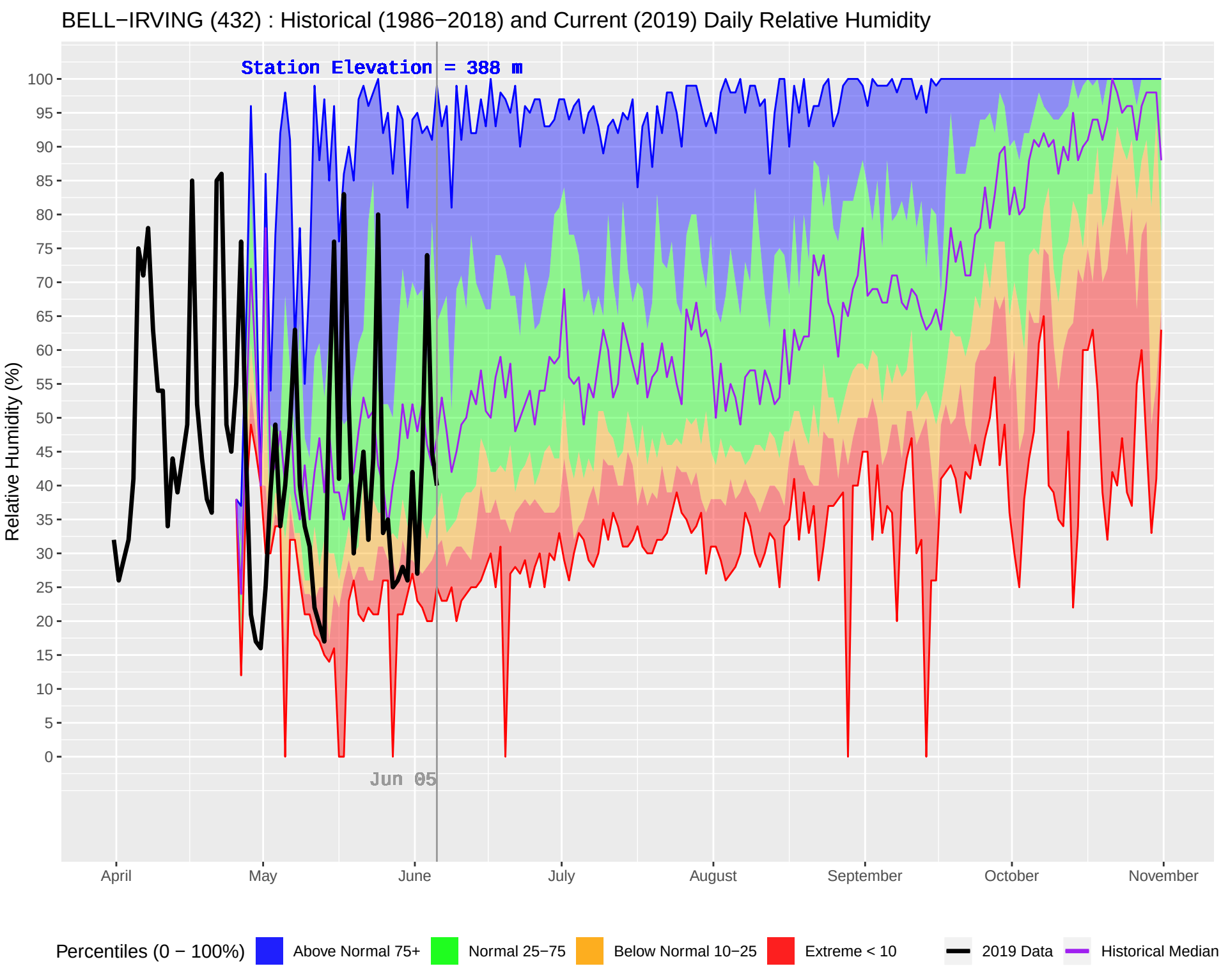
for

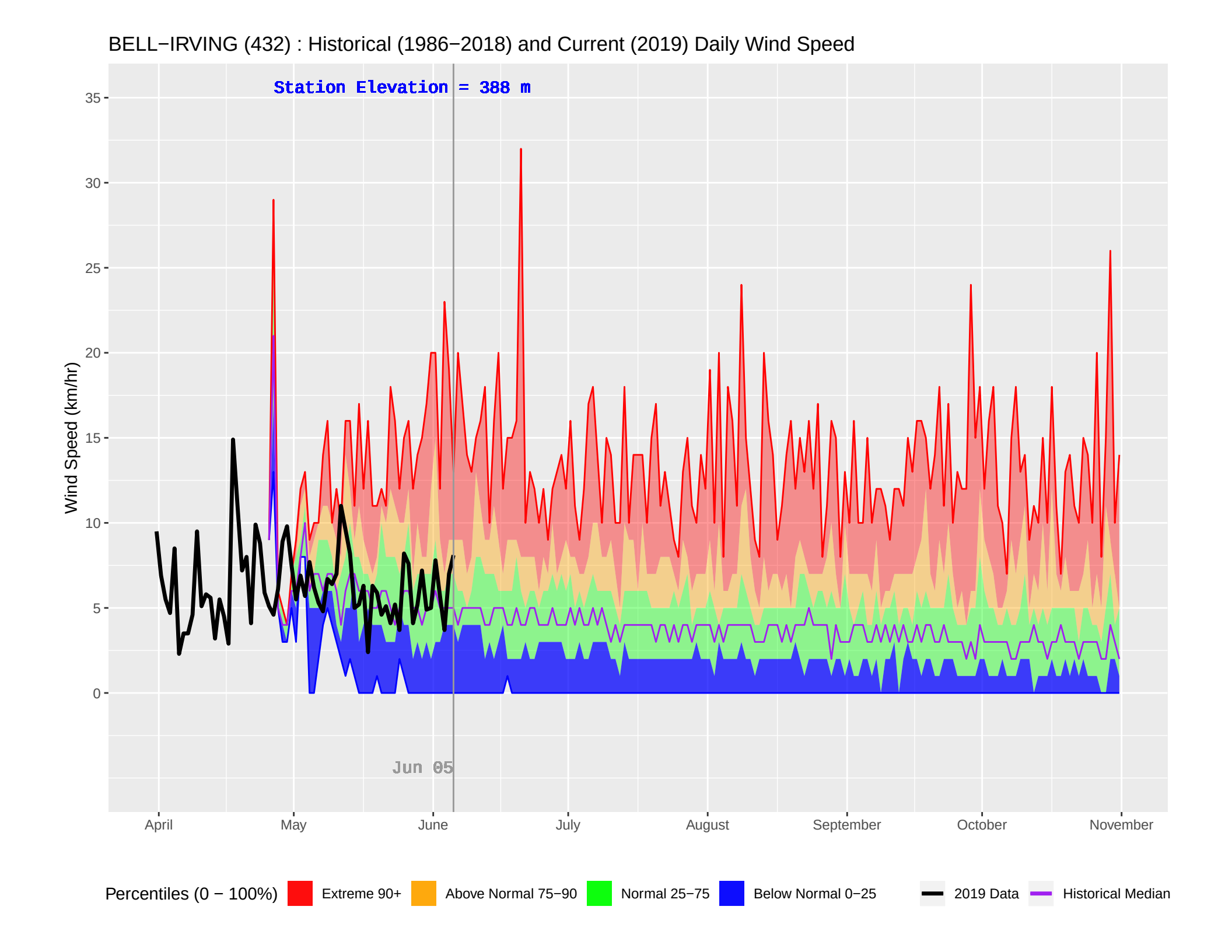
BC: BELL−IRVING Weather Station

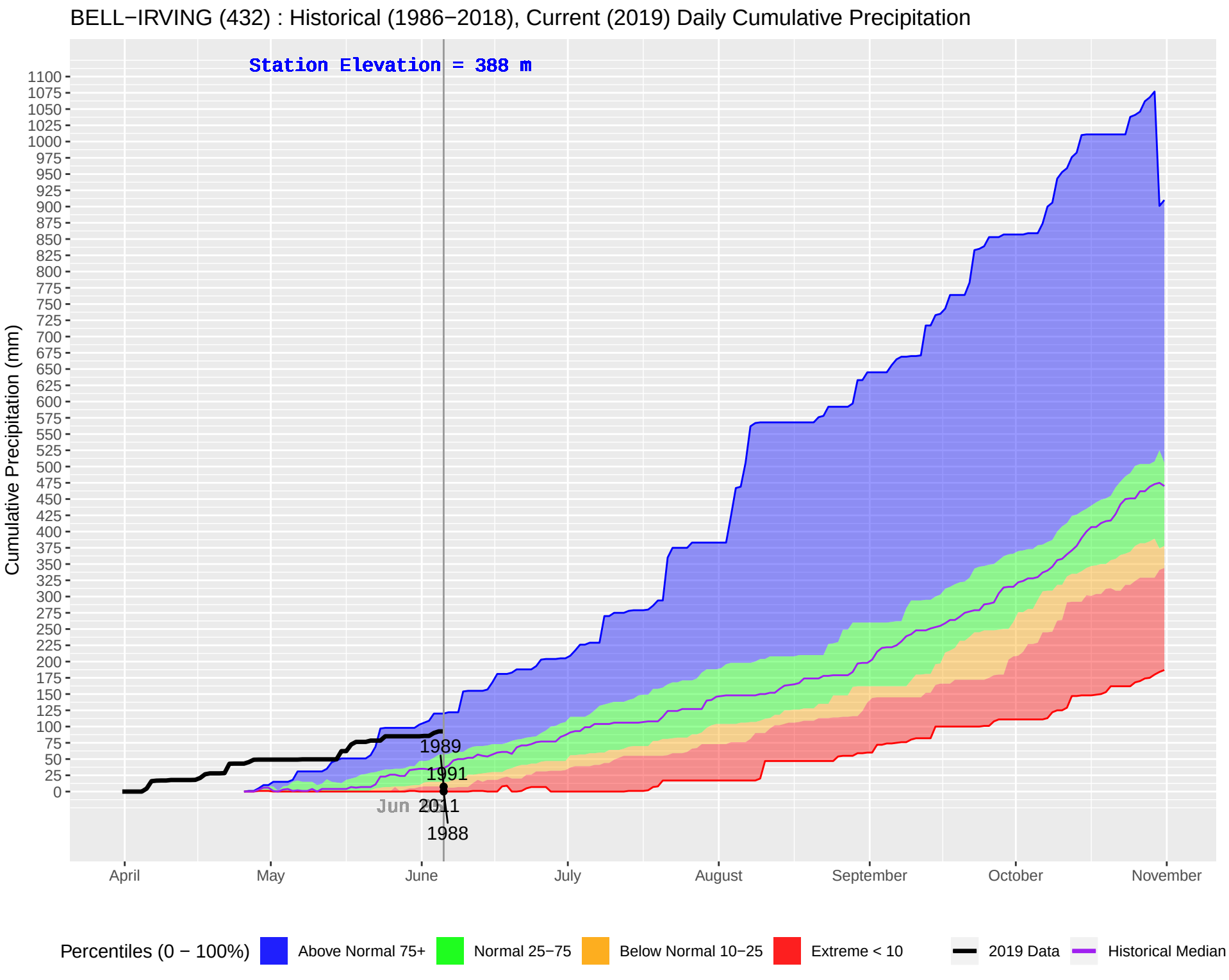
as of

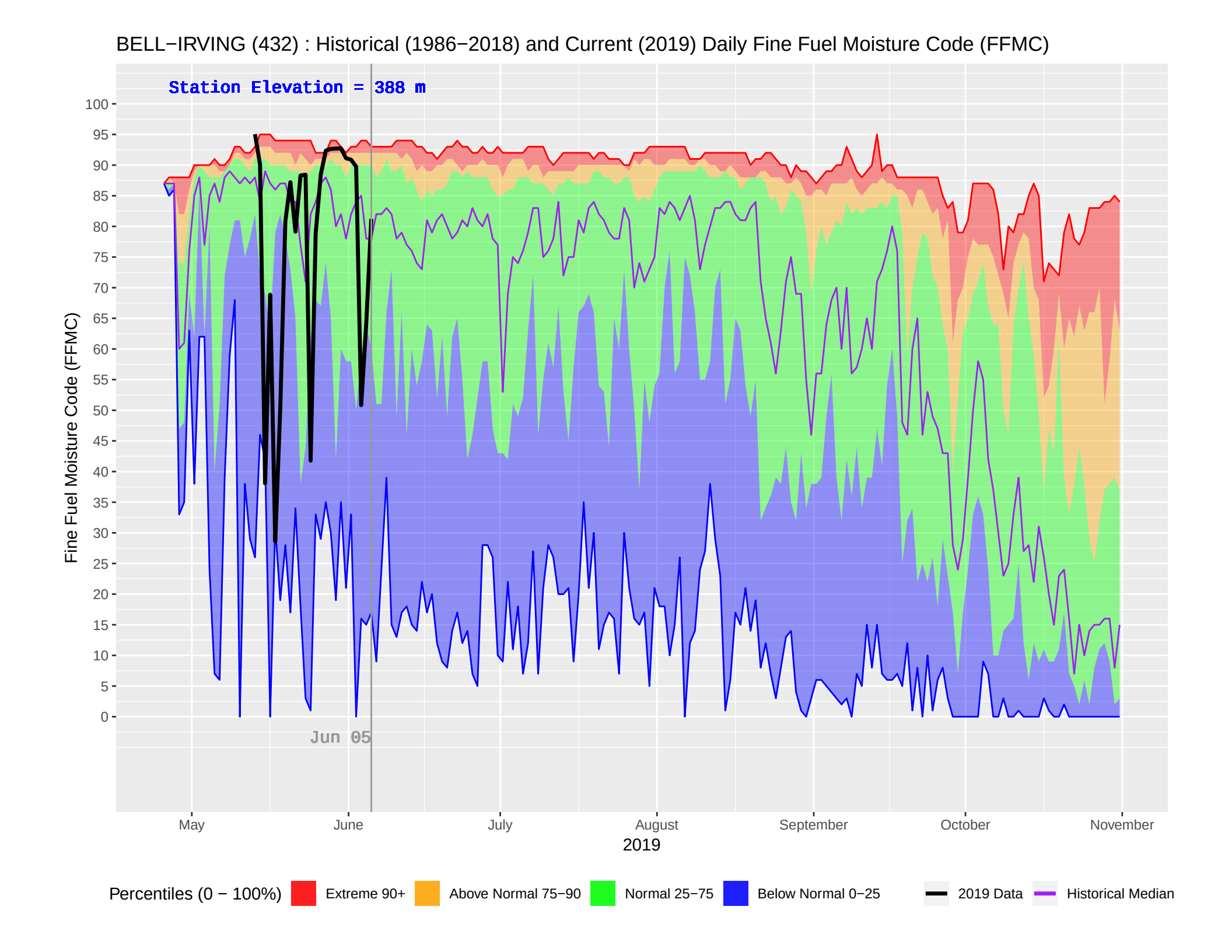
June 05, 2019

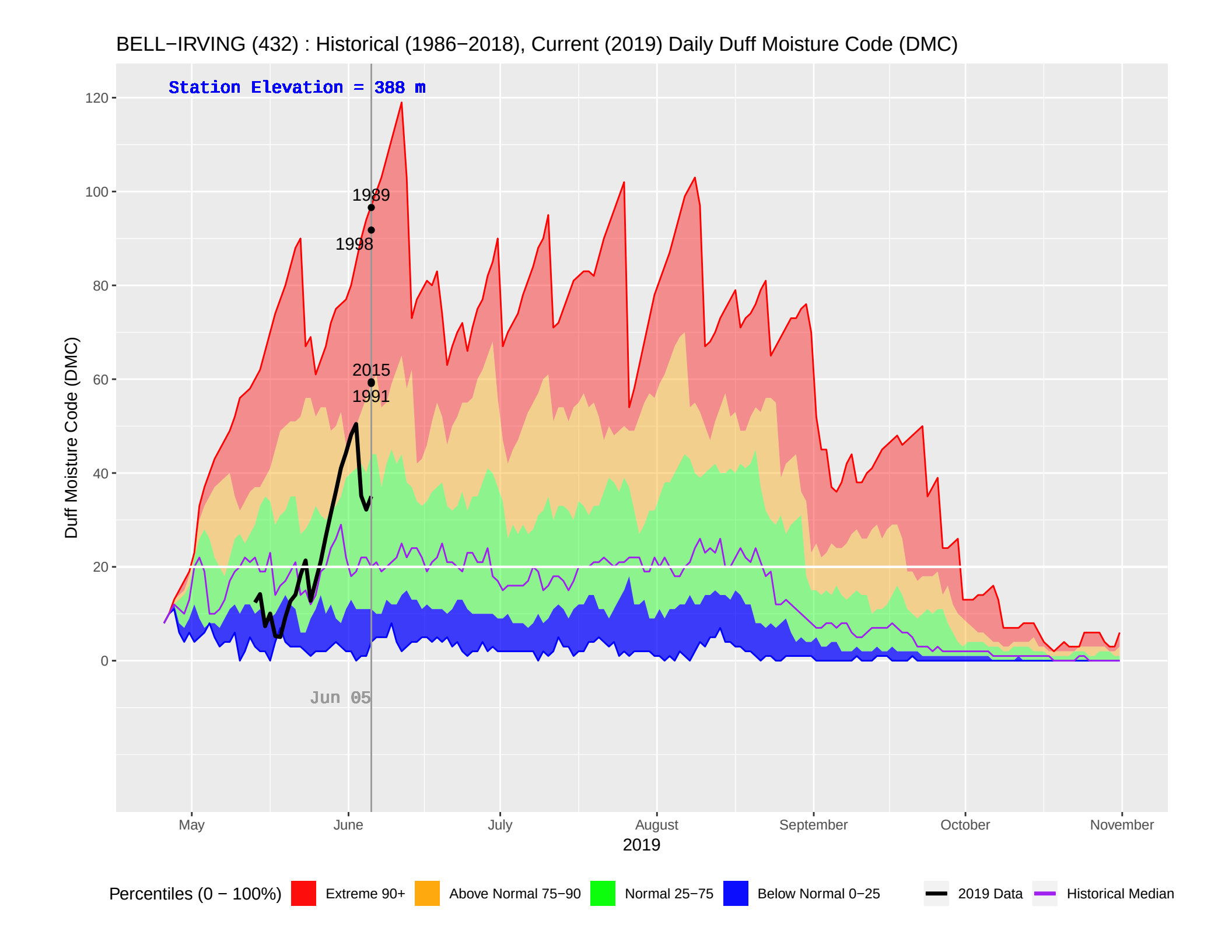

BELL−IRVING (432) : Historical (1986−2018) and Current (2019) Daily Temperature
Station Elevation = 388 m
Temperature (C)
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median

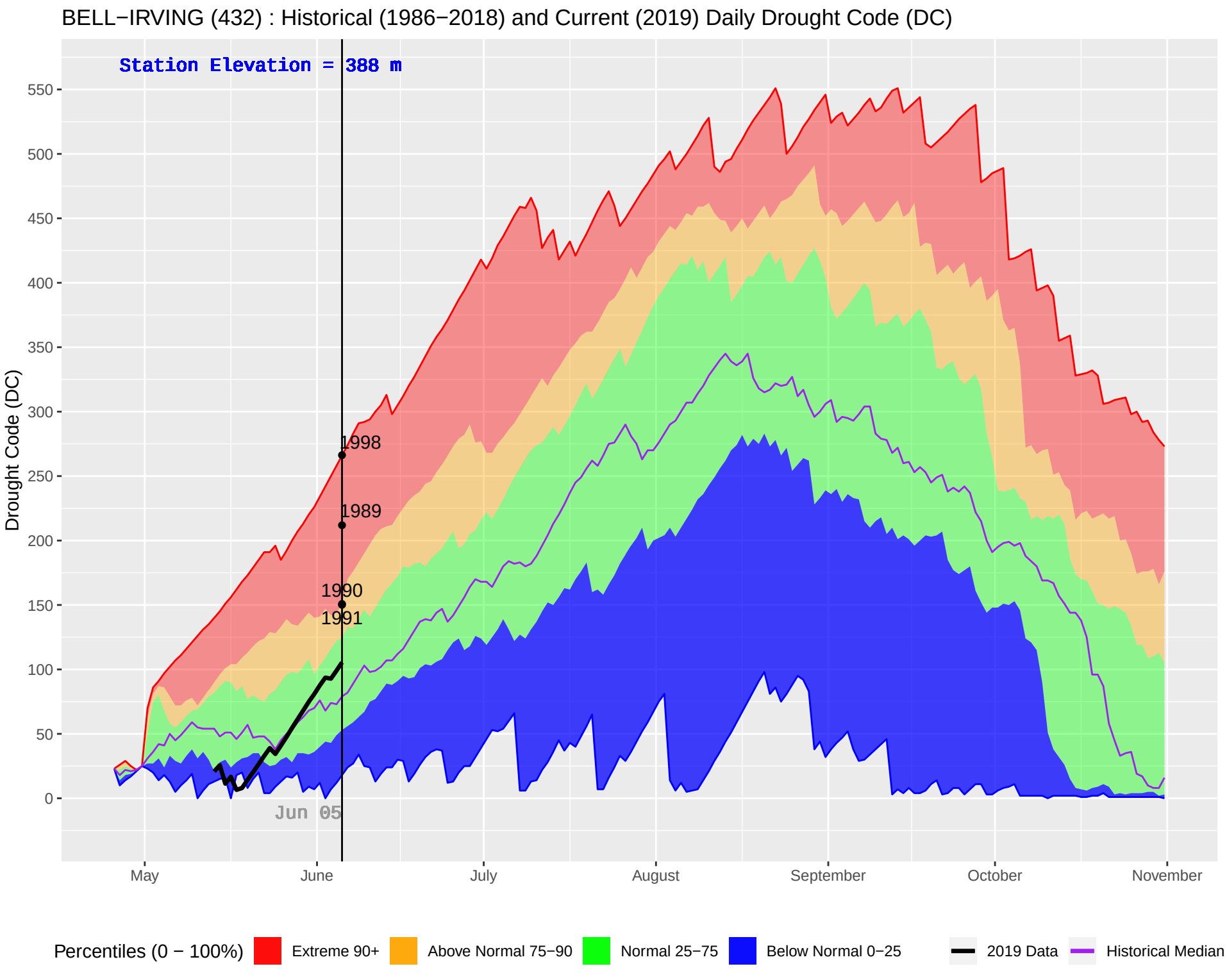

BELL−IRVING (432) : Historical (1986−2018) and Current (2019) Daily Relative Humidity
Station Elevation = 388 m
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10
2019 Data
Historical Median

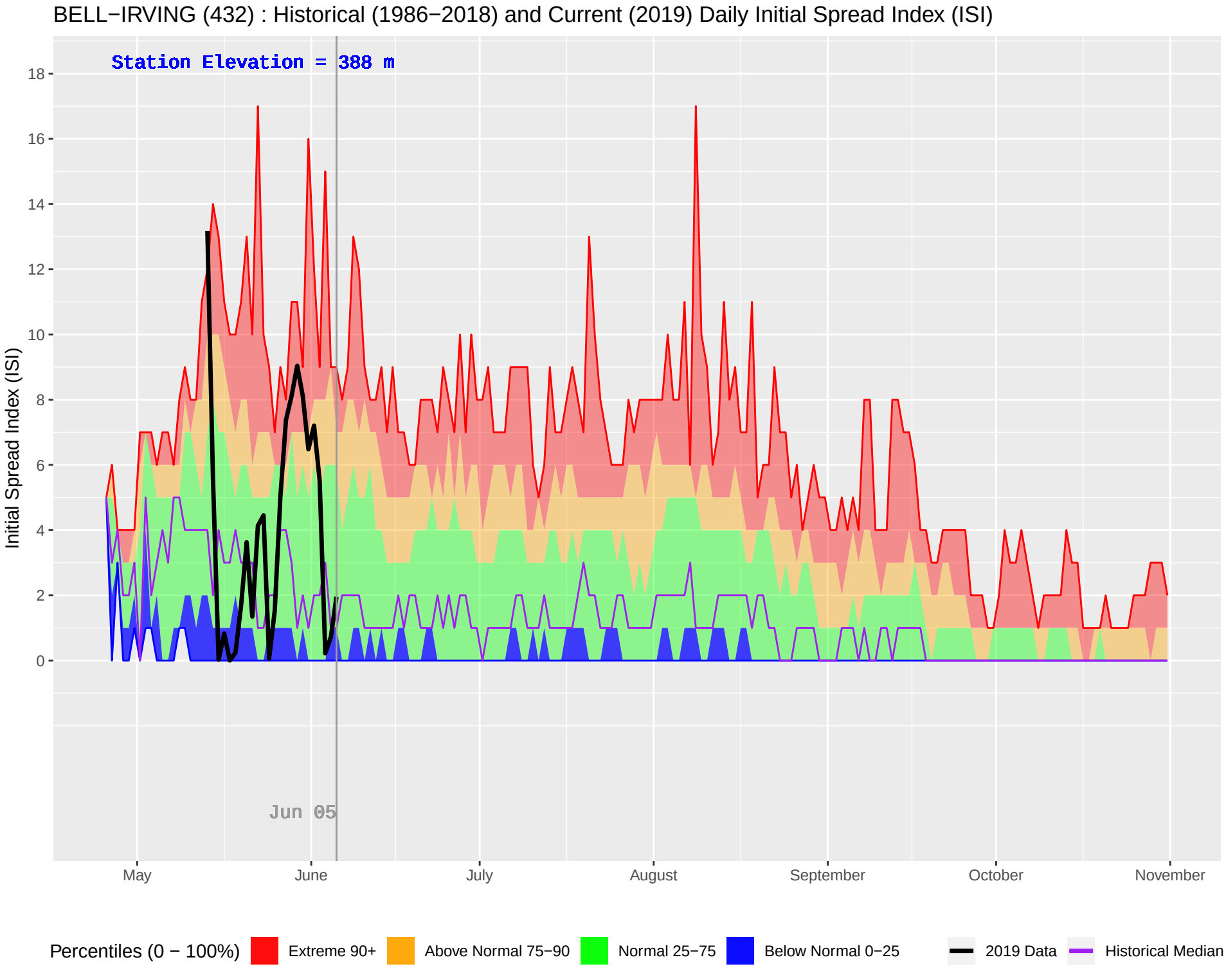

BELL−IRVING (432) : Historical (1986−2018) and Current (2019) Daily Wind Speed
Station Elevation = 388 m
Wind Speed (km/hr)
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median

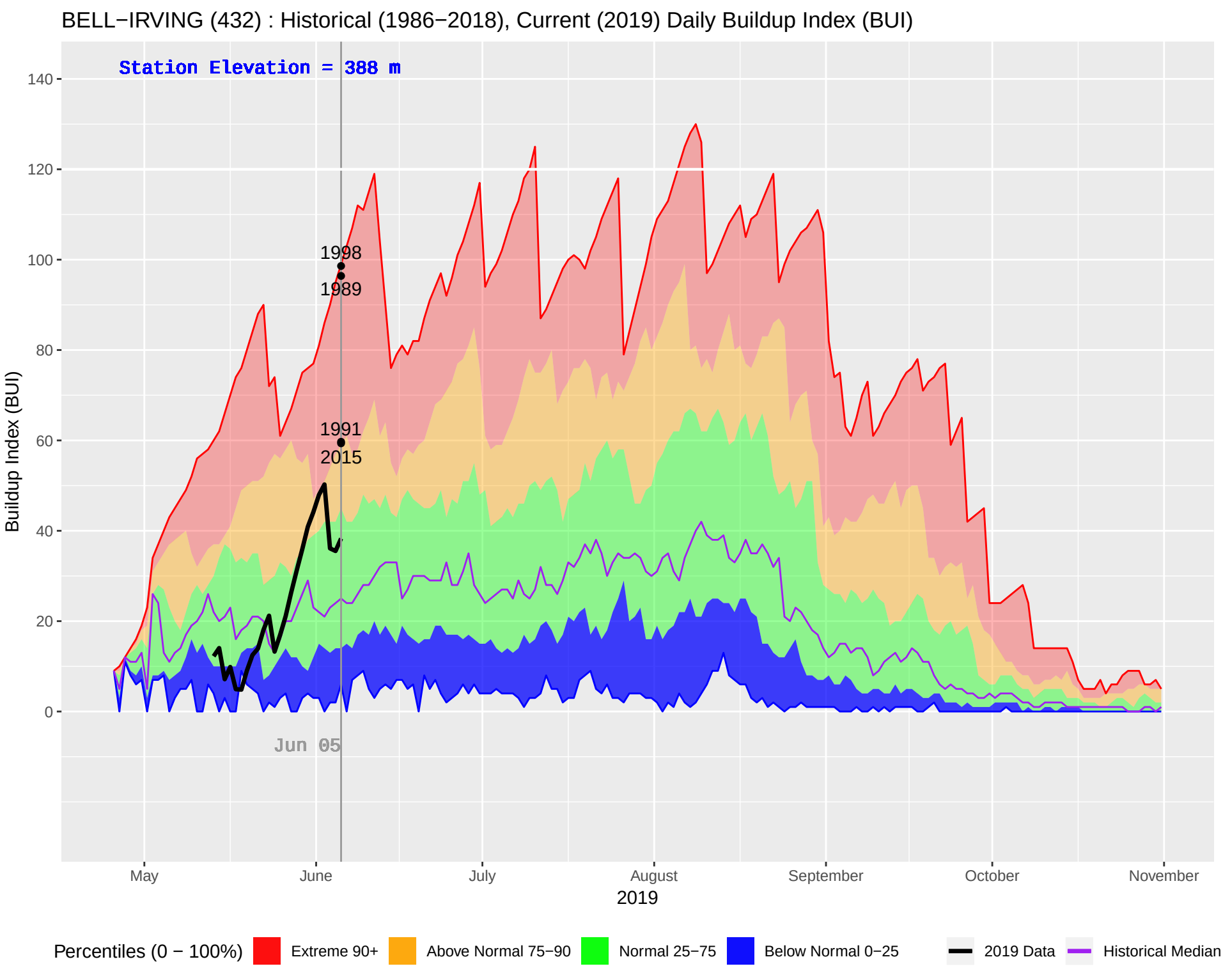

BELL−IRVING (432) : Historical (1986−2018), Current (2019) Daily Cumulative Precipitation
Station Elevation = 388 m
Cumulative Precipitation (mm)
1100
1075
1050
1025
1000
975
950
925
900
875
850
825
800
775
750
725
700
675
650
625
600
575
550
525
500
475
450
425
400
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
April
May
June
July
August
September
October
November
1989
1991
Jun
2011
1988
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10
2019 Data
Historical Median

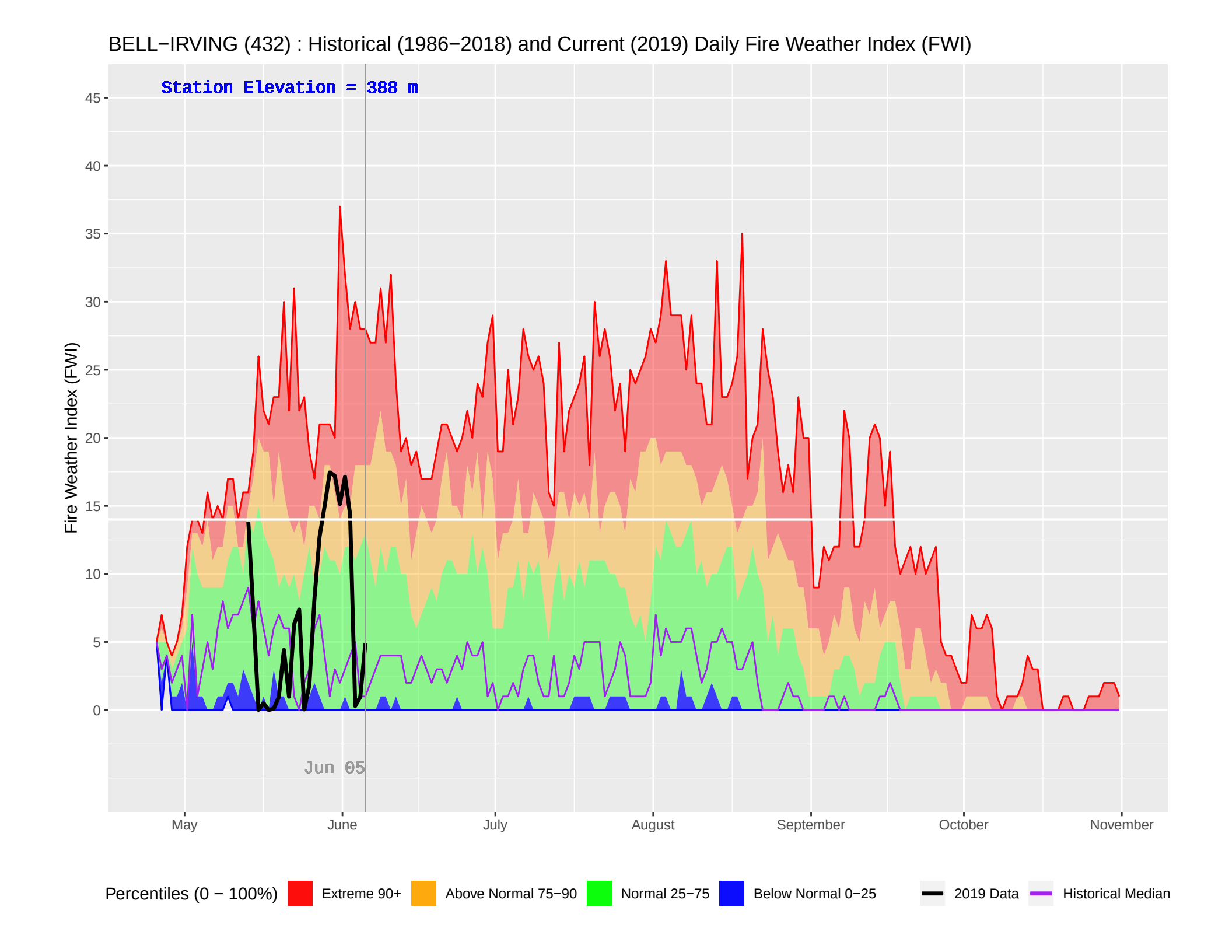

BELL−IRVING (432) : Historical (1986−2018) and Current (2019) Daily Fine Fuel Moisture Code (FFMC)
Station Elevation = 388 m
Fine Fuel Moisture Code (FFMC)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Jun 05
May
June
July
August
September
October
November
2019
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median


BELL−IRVING (432) : Historical (1986−2018), Current (2019) Daily Duff Moisture Code (DMC)
Station Elevation = 388 m
Duff Moisture Code (DMC)
120
100
80
60
40
20
0
1989
1998
2015
1991
Jun 05
May
June
July
August
September
October
November
2019
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median


BELL−IRVING (432) : Historical (1986−2018) and Current (2019) Daily Drought Code (DC)
Station Elevation = 388 m
Drought Code (DC)
550
500
450
400
350
300
250
200
150
100
50
0
1998
1989
1990
1991
Jun 05
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median


BELL−IRVING (432) : Historical (1986−2018) and Current (2019) Daily Initial Spread Index (ISI)
Station Elevation = 388 m
Initial Spread Index (ISI)
18
16
14
12
10
8
6
4
2
0
Jun 05
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median


BELL−IRVING (432) : Historical (1986−2018), Current (2019) Daily Buildup Index (BUI)
Station Elevation = 388 m
Buildup Index (BUI)
140
120
100
80
60
40
20
0
1998
1989
1991
2015
Jun 05
May
June
July
August
September
October
November
2019
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median


BELL−IRVING (432) : Historical (1986−2018) and Current (2019) Daily Fire Weather Index (FWI)
Station Elevation = 388 m
Fire Weather Index (FWI)
45
40
35
30
25
20
15
10
5
0
Jun 05
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median