Fire Weather Climatology

and

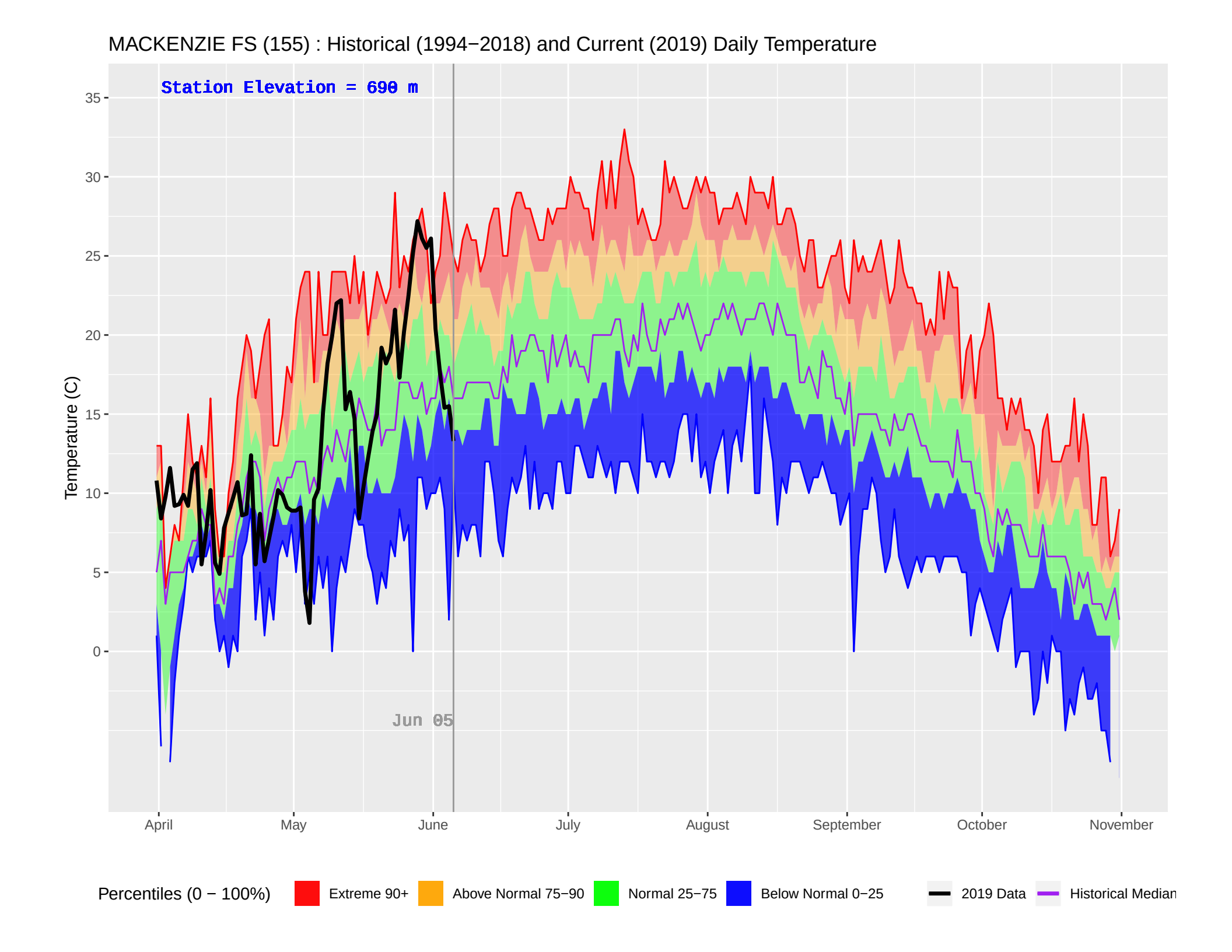
Current (2019) Conditions

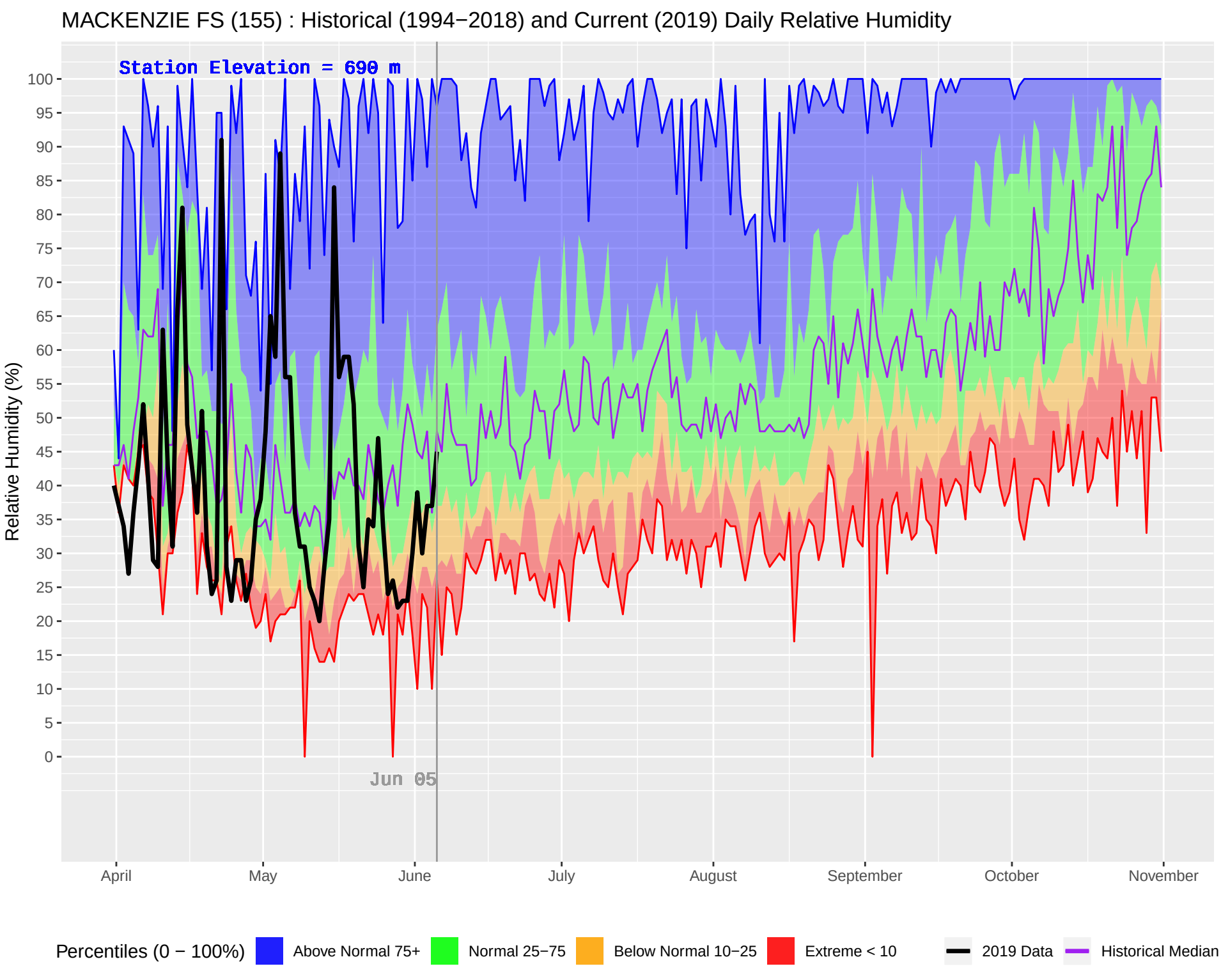
for

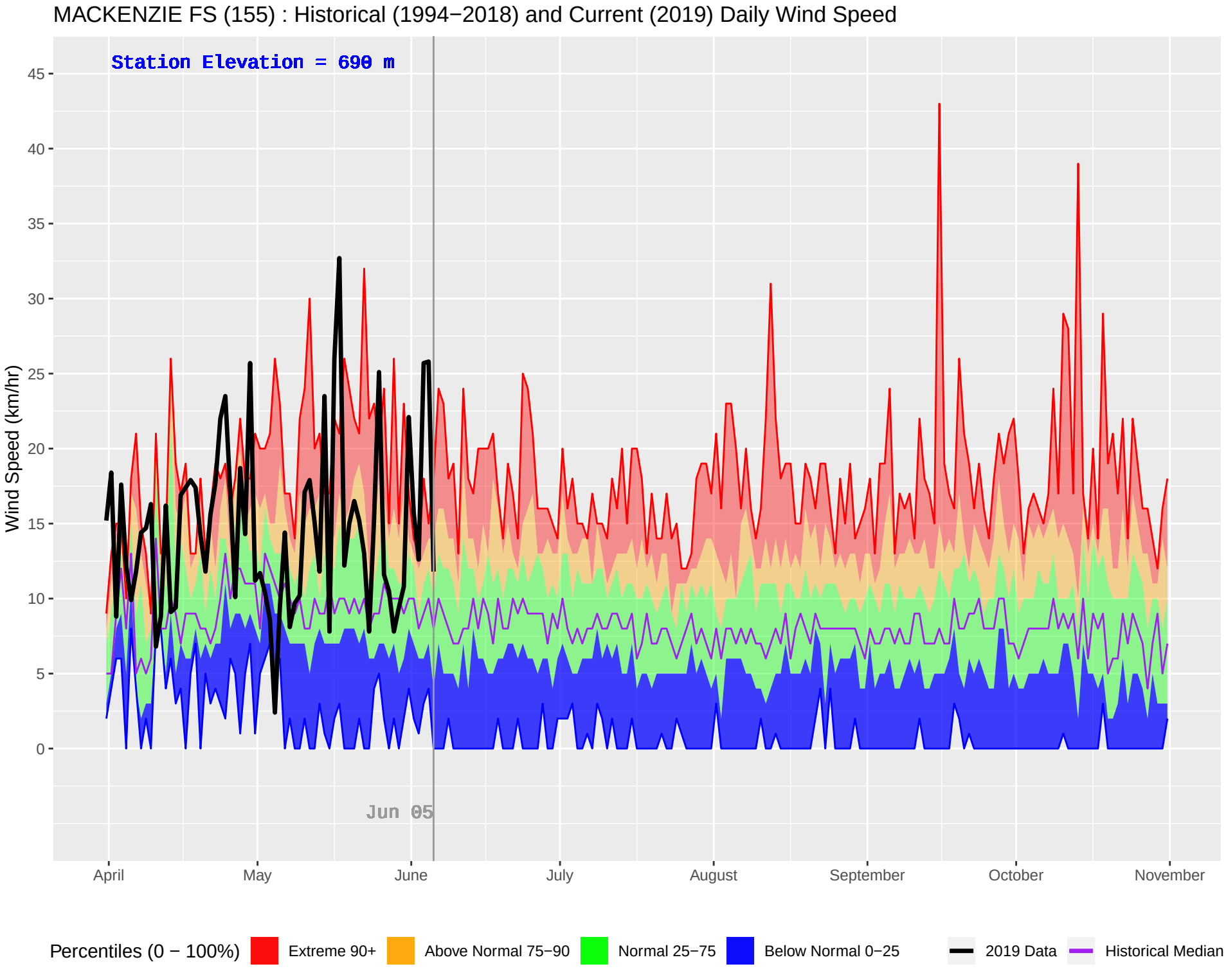
BC: MACKENZIE FS Weather Station

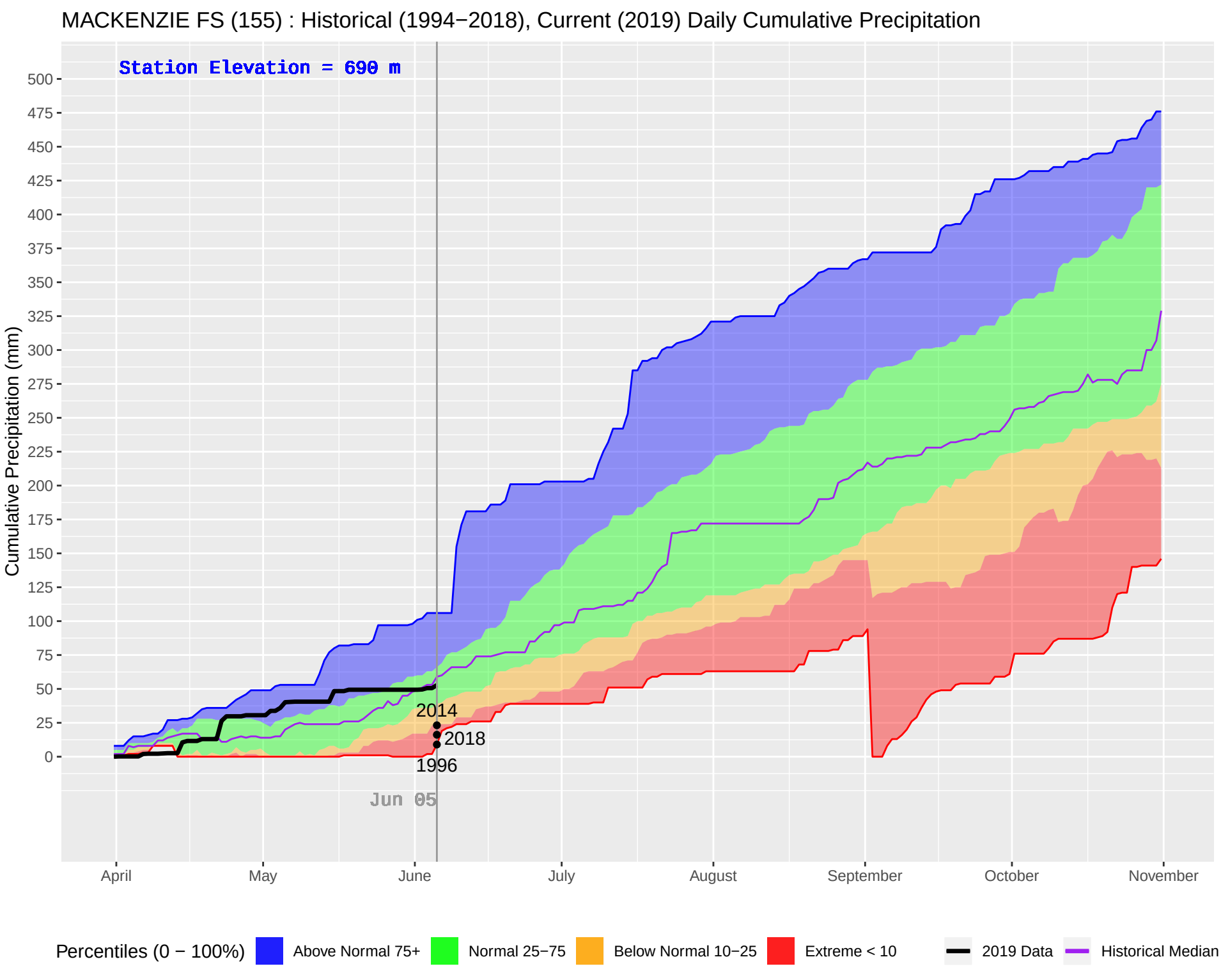
as of

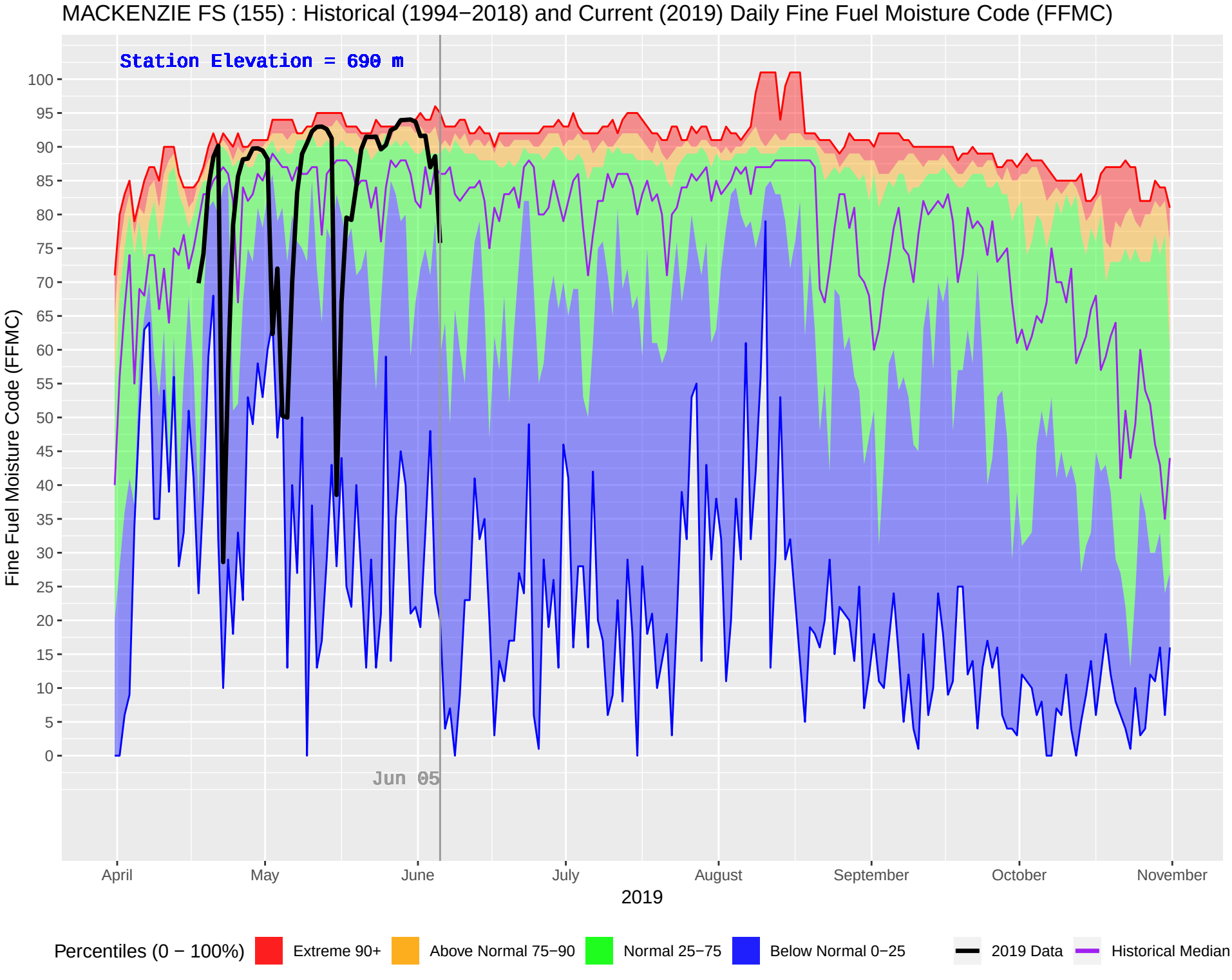
June 05, 2019

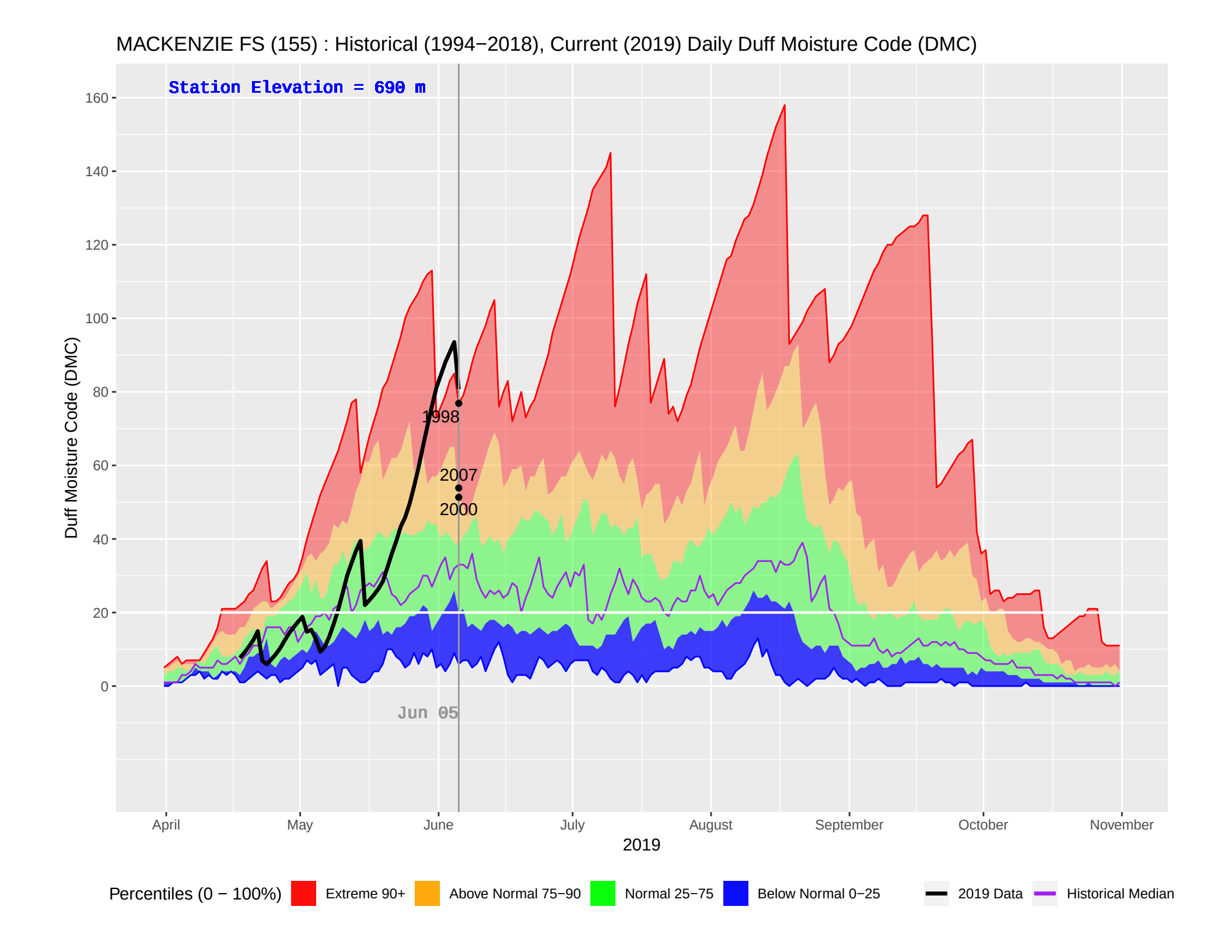

MACKENZIE FS (155) : Historical (1994−2018) and Current (2019) Daily Temperature
Station Elevation = 690 m
Temperature (C)
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median

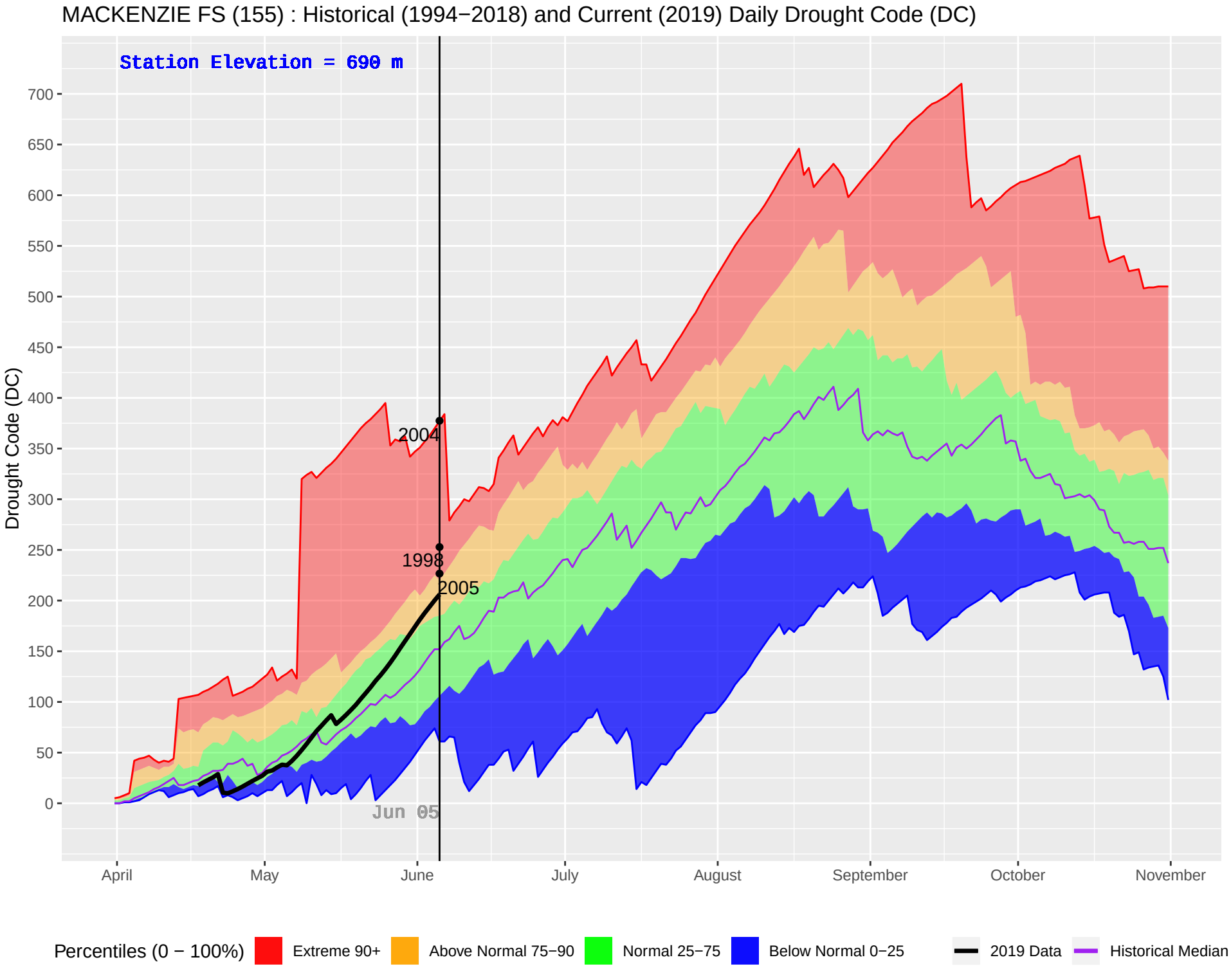

MACKENZIE FS (155) : Historical (1994−2018) and Current (2019) Daily Relative Humidity
Station Elevation = 690 m
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10
2019 Data
Historical Median

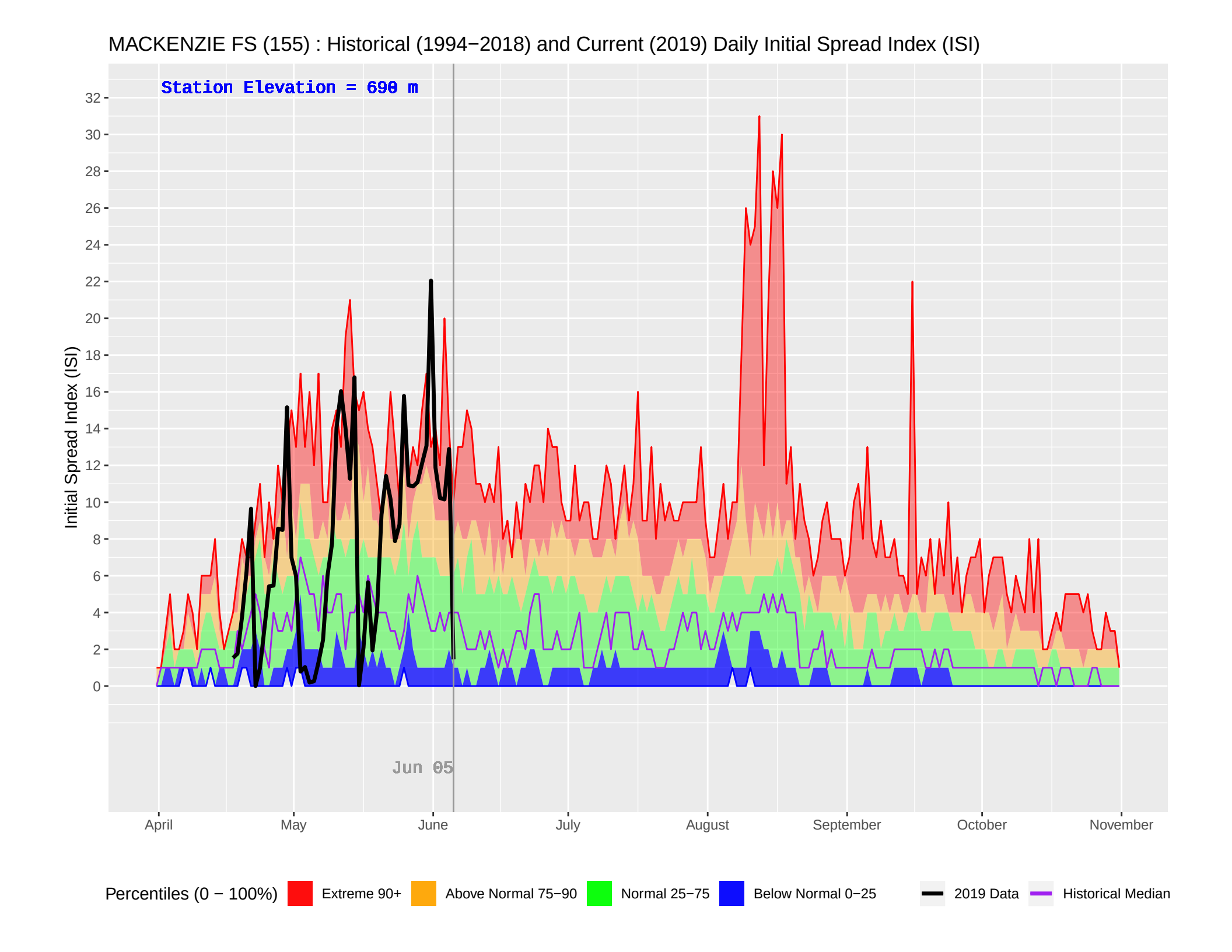

MACKENZIE FS (155) : Historical (1994−2018) and Current (2019) Daily Wind Speed
Station Elevation = 690 m
Wind Speed (km/hr)
45
40
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median

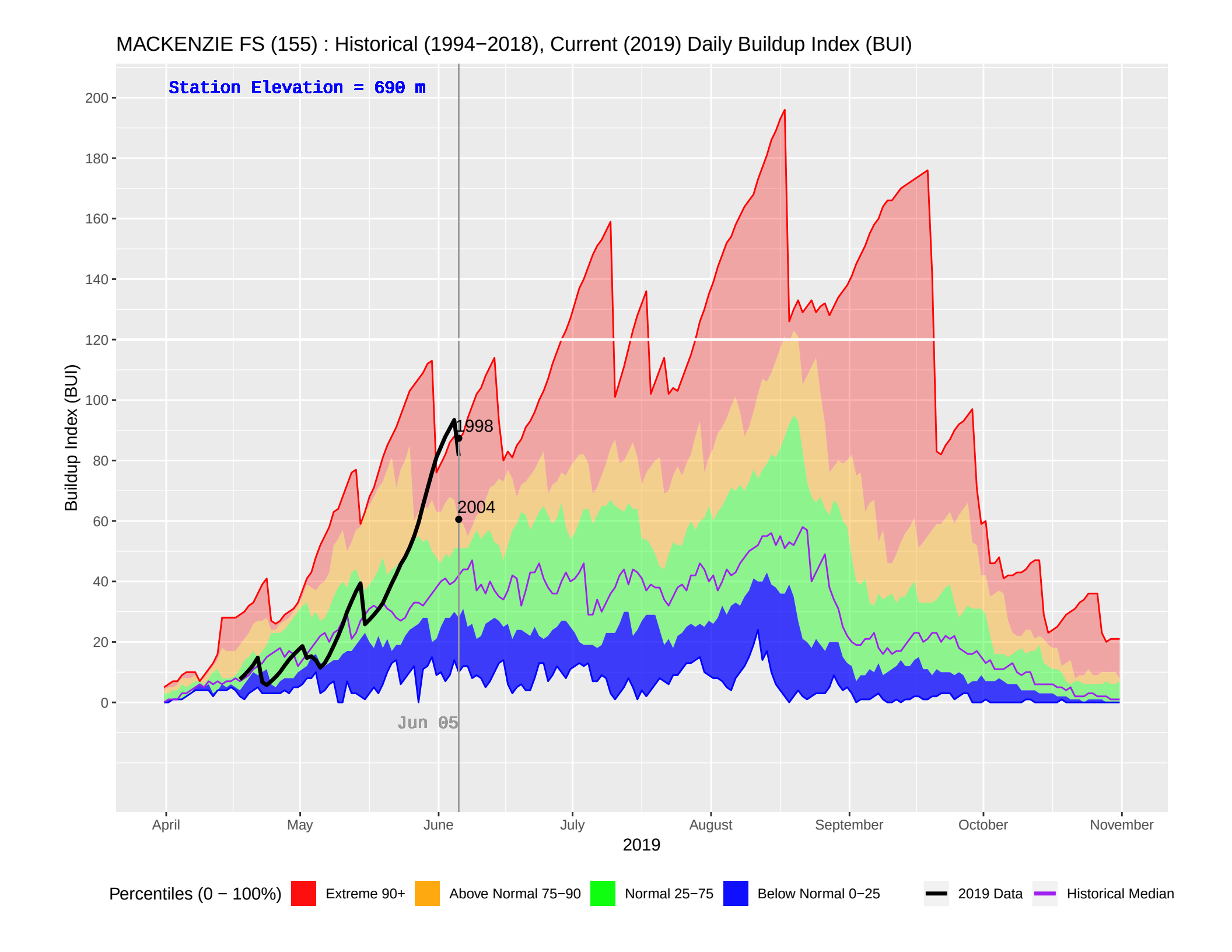

MACKENZIE FS (155) : Historical (1994−2018), Current (2019) Daily Cumulative Precipitation
Station Elevation = 690 m
Cumulative Precipitation (mm)
500
475
450
425
400
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
2014
2018
1996
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10
2019 Data
Historical Median

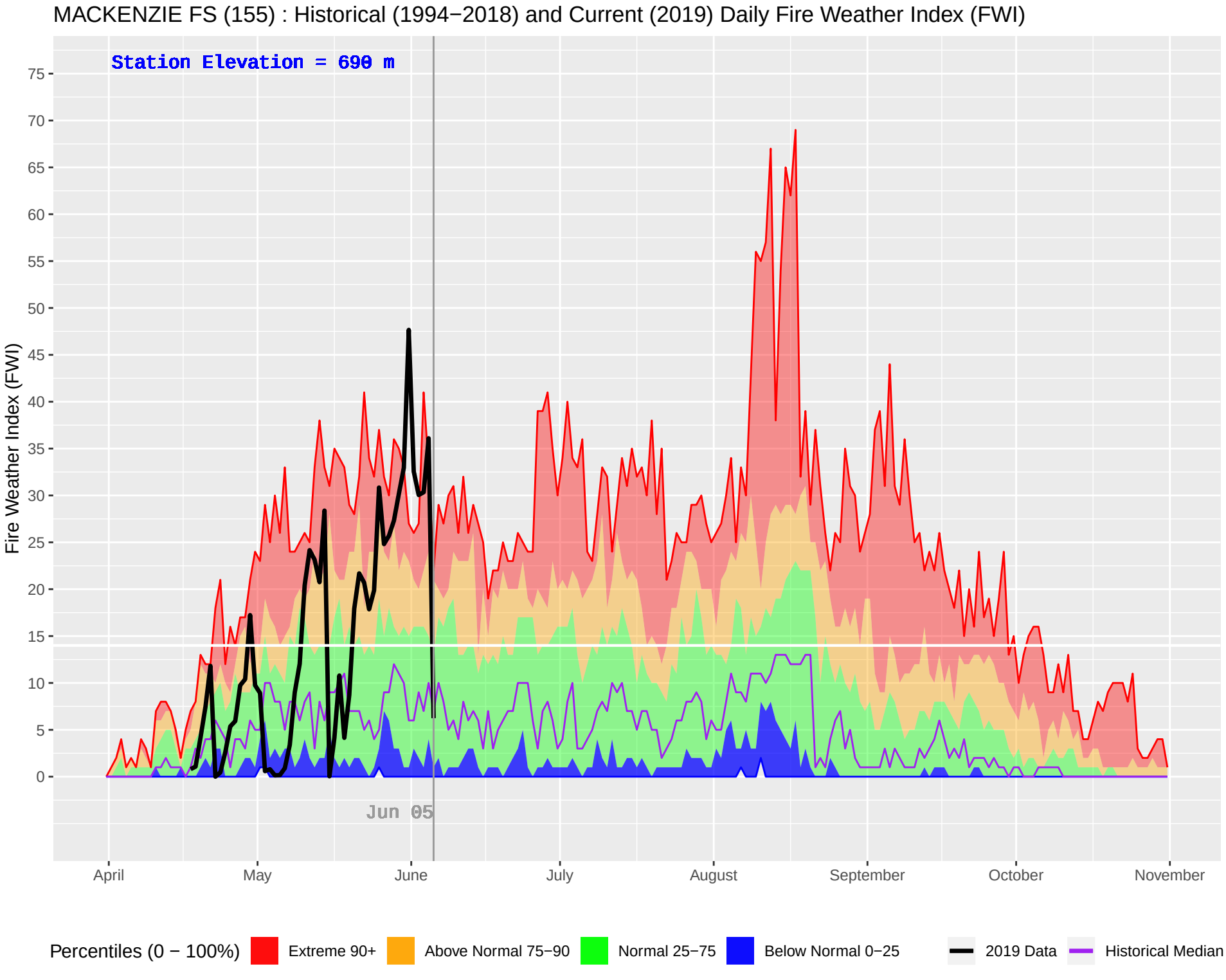

MACKENZIE FS (155) : Historical (1994−2018) and Current (2019) Daily Fine Fuel Moisture Code (FFMC)
Station Elevation = 690 m
Fine Fuel Moisture Code (FFMC)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
2019
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median


MACKENZIE FS (155) : Historical (1994−2018), Current (2019) Daily Duff Moisture Code (DMC)
Station Elevation = 690 m
Duff Moisture Code (DMC)
160
140
120
100
80
60
40
20
0
1998
2007
2000
Jun 05
April
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


MACKENZIE FS (155) : Historical (1994−2018) and Current (2019) Daily Drought Code (DC)
Station Elevation = 690 m
Drought Code (DC)
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
2004
1998
2005
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


MACKENZIE FS (155) : Historical (1994−2018) and Current (2019) Daily Initial Spread Index (ISI)
Station Elevation = 690 m
Initial Spread Index (ISI)
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
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


MACKENZIE FS (155) : Historical (1994−2018), Current (2019) Daily Buildup Index (BUI)
Station Elevation = 690 m
Buildup Index (BUI)
200
180
160
140
120
100
80
60
40
20
0
1998
2004
Jun 05
April
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


MACKENZIE FS (155) : Historical (1994−2018) and Current (2019) Daily Fire Weather Index (FWI)
Station Elevation = 690 m
Fire Weather Index (FWI)
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%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median