Fire Weather Climatology

and

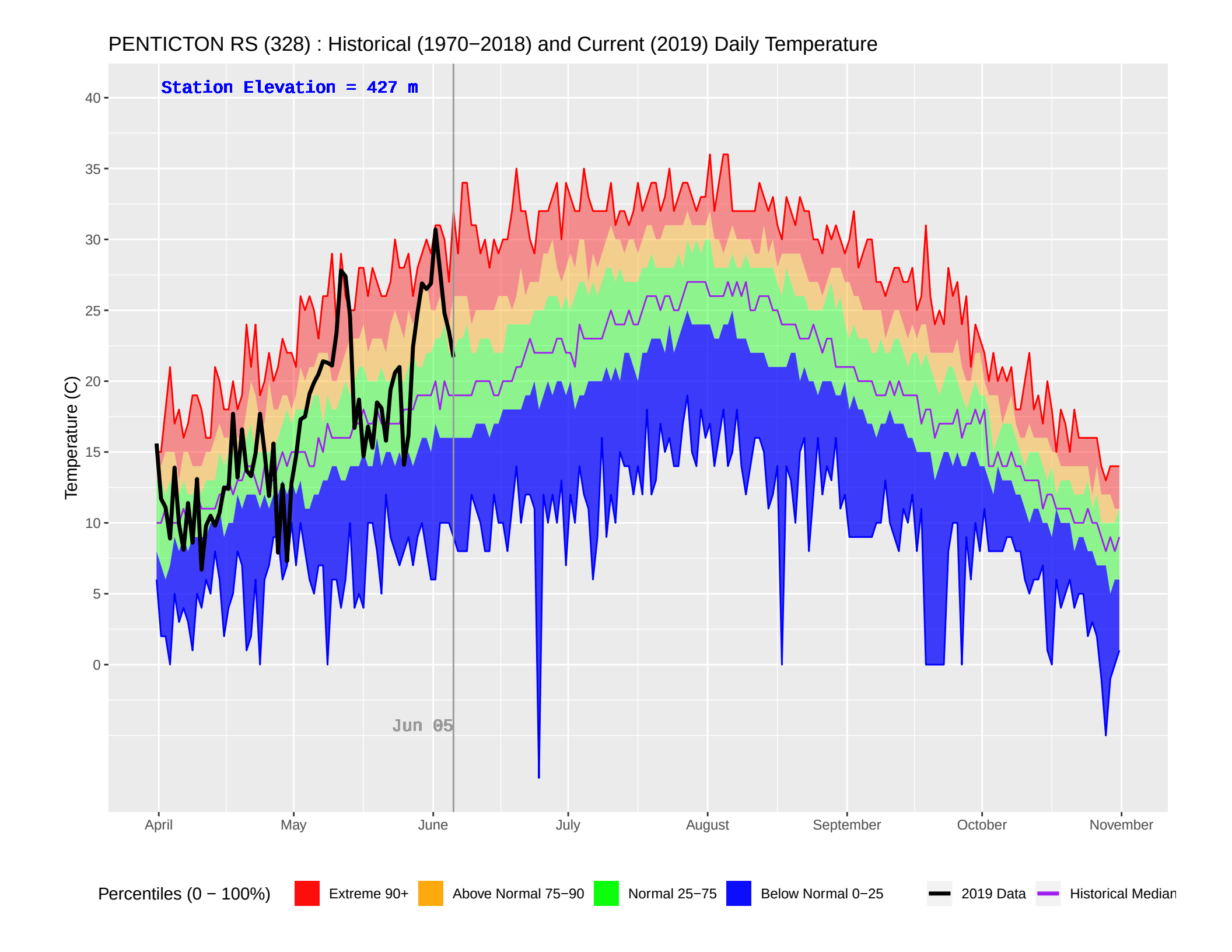
Current (2019) Conditions

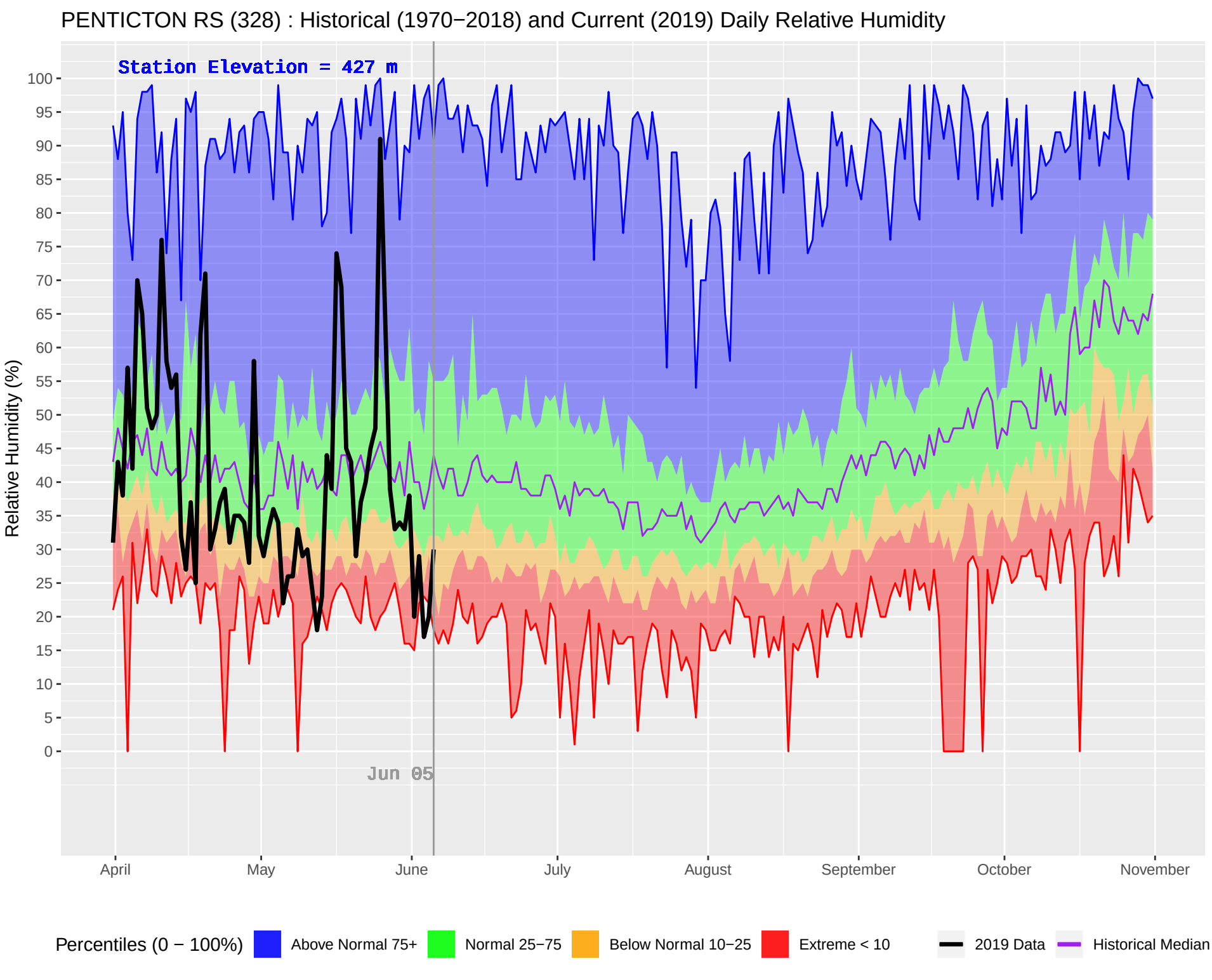
for

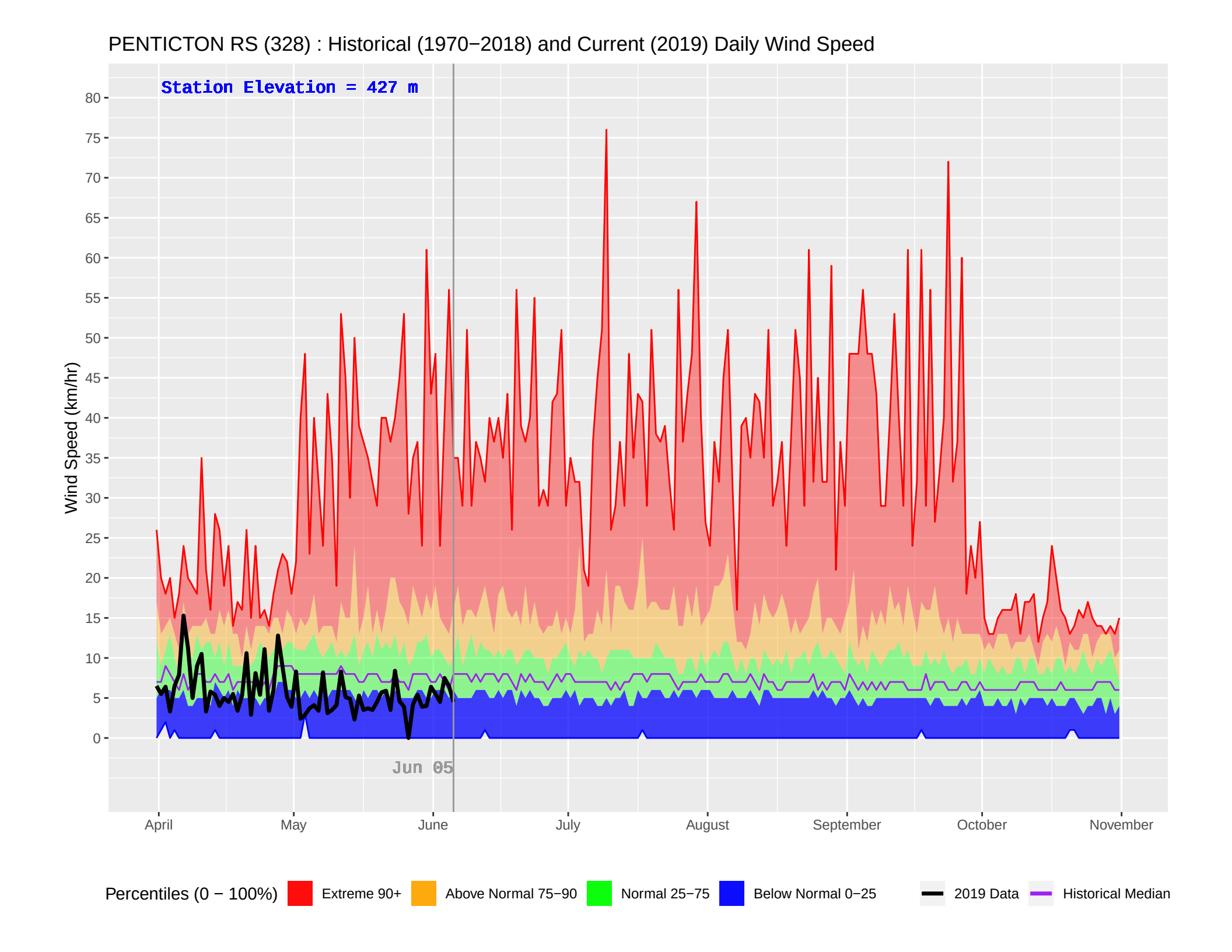
BC: PENTICTON RS Weather Station

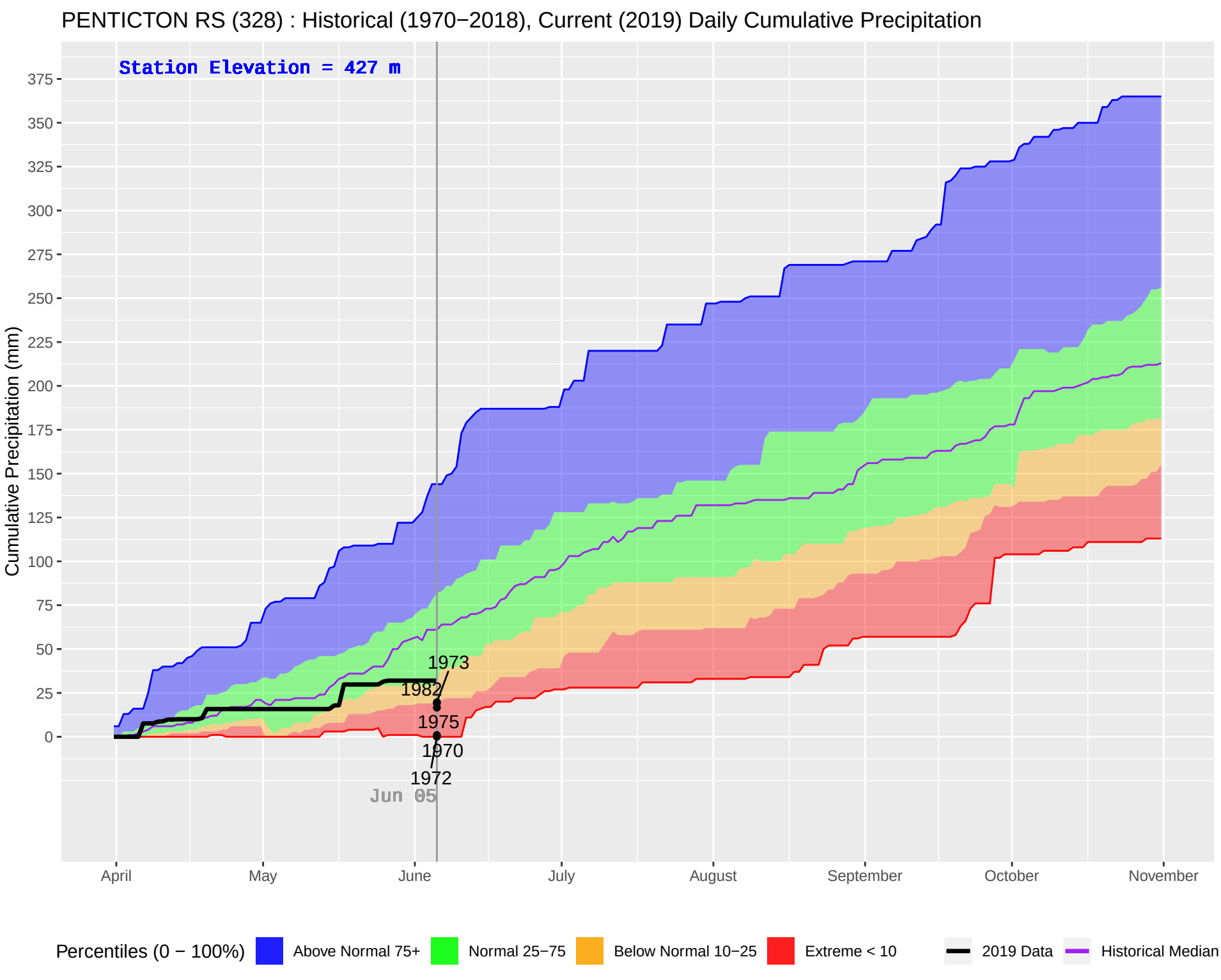
as of

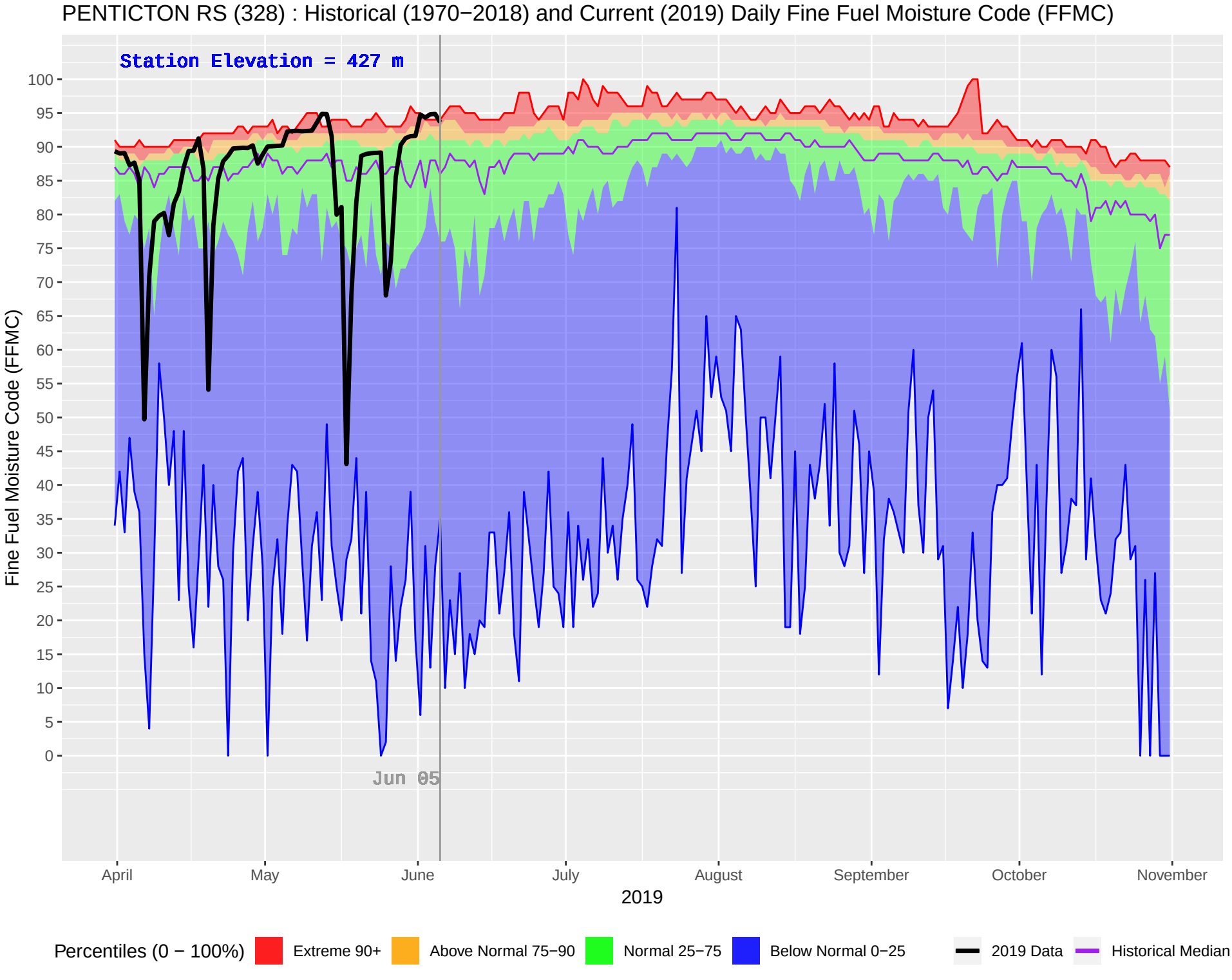
June 05, 2019

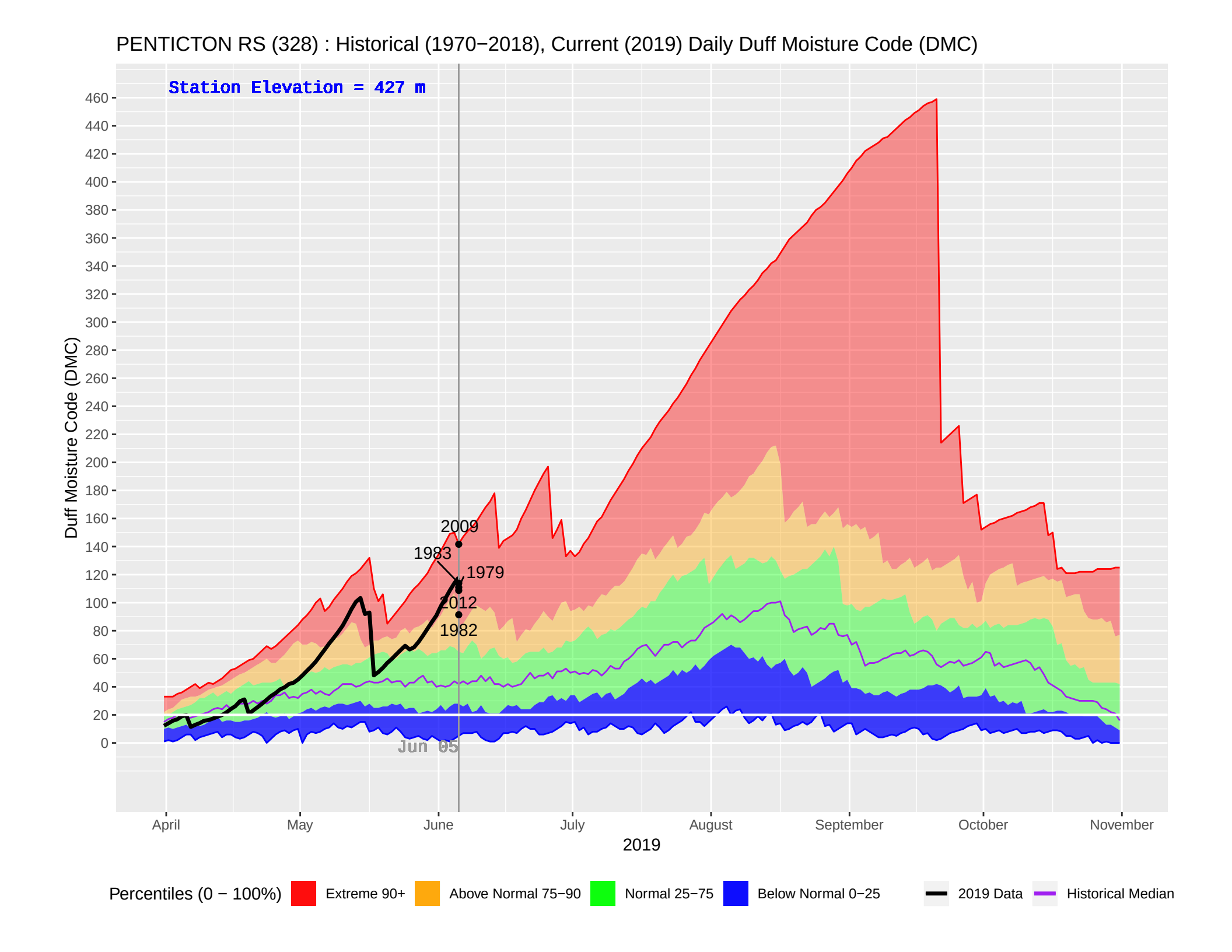

PENTICTON RS (328) : Historical (1970−2018) and Current (2019) Daily Temperature
Station Elevation = 427 m
Temperature (C)
40
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median

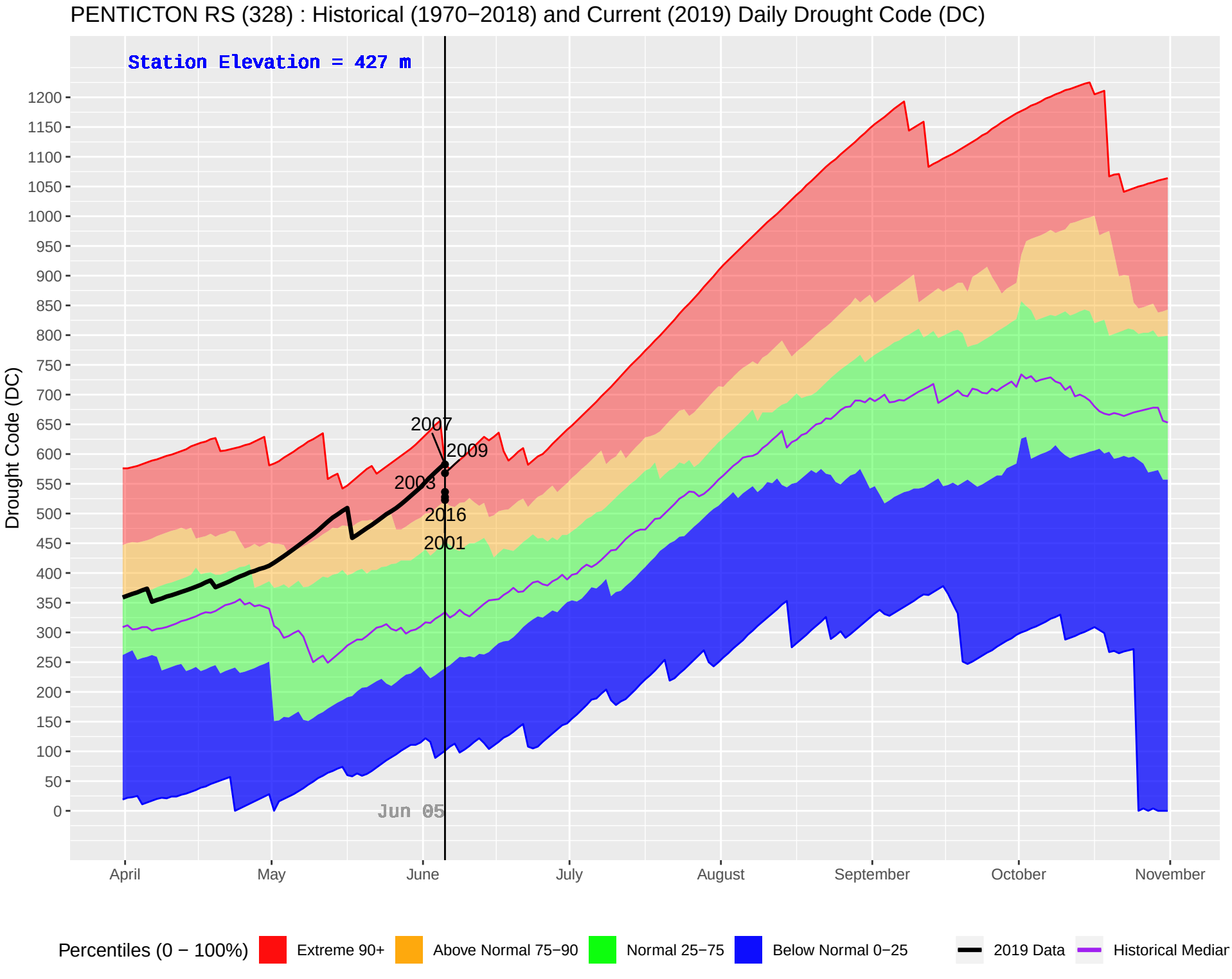

PENTICTON RS (328) : Historical (1970−2018) and Current (2019) Daily Relative Humidity
Station Elevation = 427 m
Relative Humidity (%)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10
2019 Data
Historical Median

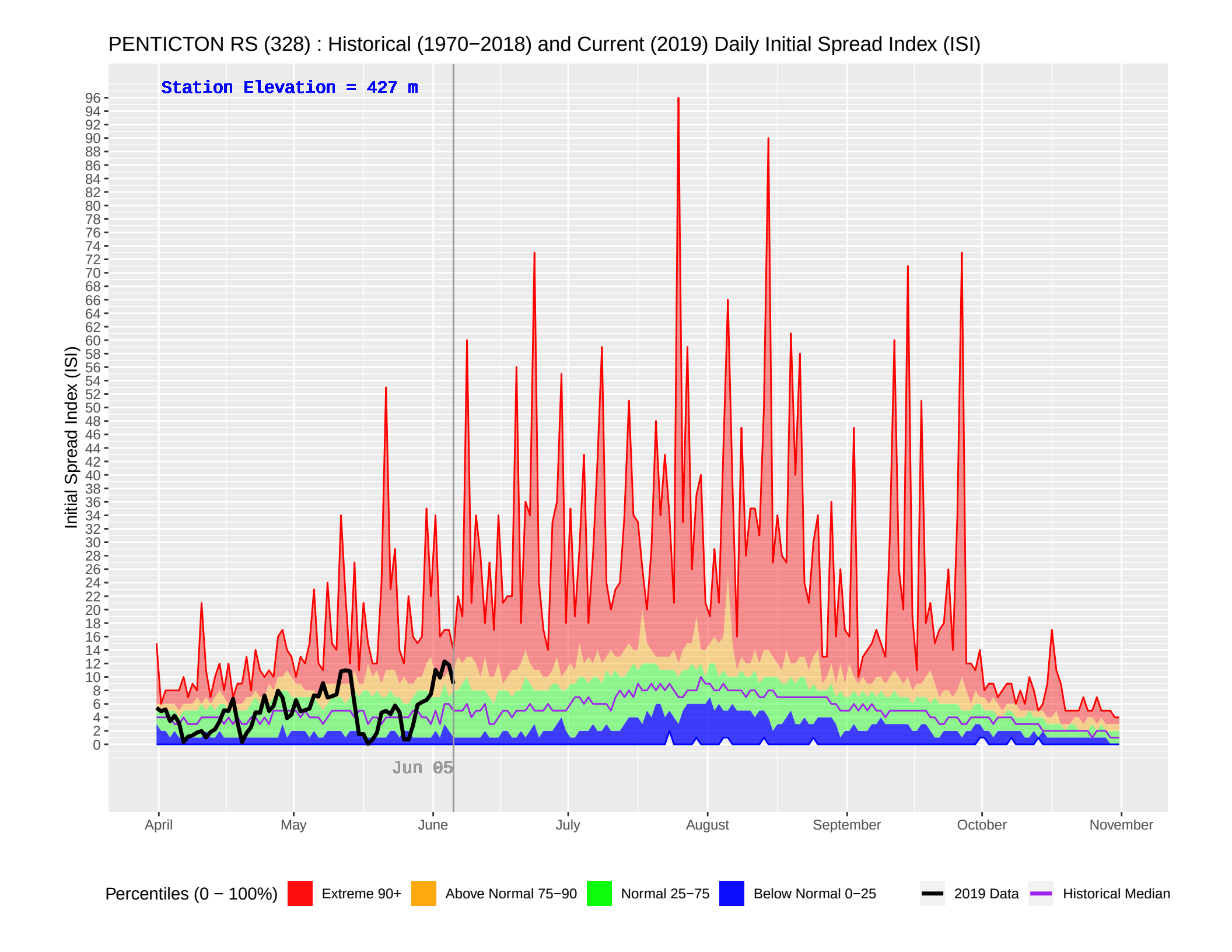

PENTICTON RS (328) : Historical (1970−2018) and Current (2019) Daily Wind Speed
Station Elevation = 427 m
Wind Speed (km/hr)
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median

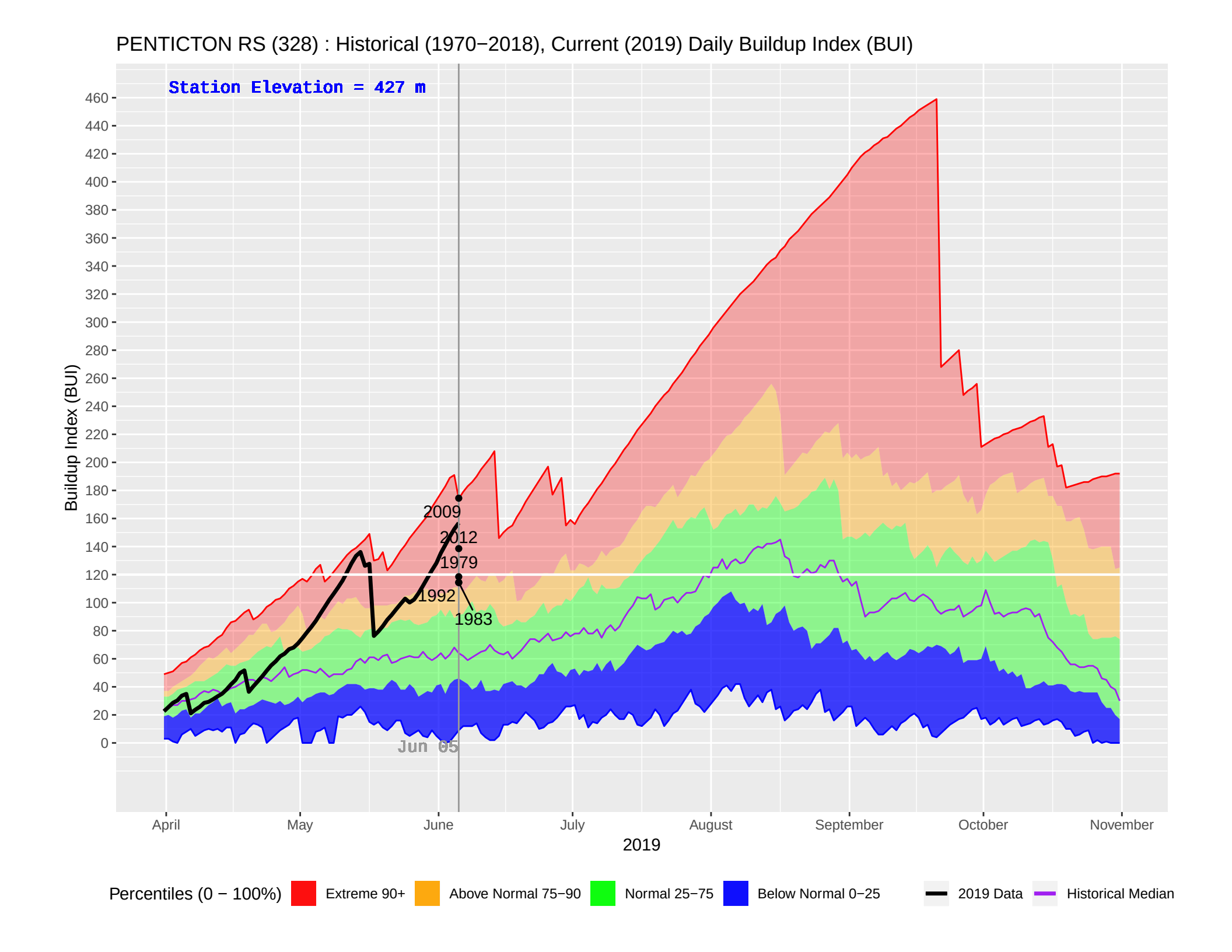

PENTICTON RS (328) : Historical (1970−2018), Current (2019) Daily Cumulative Precipitation
Station Elevation = 427 m
Cumulative Precipitation (mm)
375
350
325
300
275
250
225
200
175
150
125
100
75
50
25
0
1973
1982
1975
1970
1972
Jun 05
April
May
June
July
August
September
October
November
Percentiles (0 − 100%)
Above Normal 75+
Normal 25−75
Below Normal 10−25
Extreme < 10
2019 Data
Historical Median

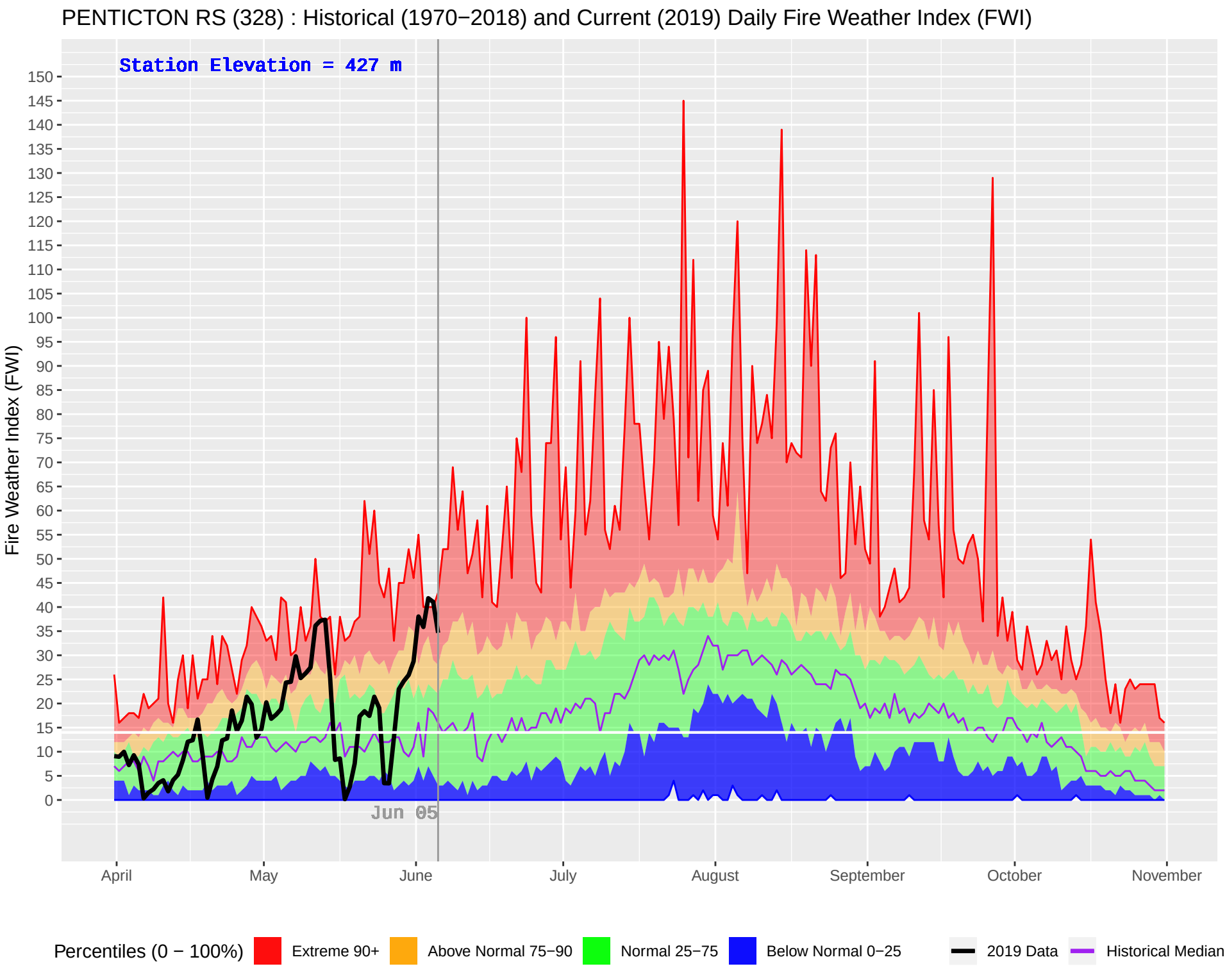

PENTICTON RS (328) : Historical (1970−2018) and Current (2019) Daily Fine Fuel Moisture Code (FFMC)
Station Elevation = 427 m
Jun 05
Fine Fuel Moisture Code (FFMC)
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0
April
May
June
July
August
September
October
November
2019
Percentiles (0 − 100%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median


PENTICTON RS (328) : Historical (1970−2018), Current (2019) Daily Duff Moisture Code (DMC)
Station Elevation = 427 m
Duff Moisture Code (DMC)
460
440
420
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
2009
1983
1979
2012
1982
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


PENTICTON RS (328) : Historical (1970−2018) and Current (2019) Daily Drought Code (DC)
Station Elevation = 427 m
Drought Code (DC)
1200
1150
1100
1050
1000
950
900
850
800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
2007
2009
2003
2016
2001
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 Mediar


PENTICTON RS (328) : Historical (1970−2018) and Current (2019) Daily Initial Spread Index (ISI)
Station Elevation = 427 m
Initial Spread Index (ISI)
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


PENTICTON RS (328) : Historical (1970−2018), Current (2019) Daily Buildup Index (BUI)
Station Elevation = 427 m
Buildup Index (BUI)
460
440
420
400
380
360
340
320
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
2009
2012
1979
1992
1983
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


PENTICTON RS (328) : Historical (1970−2018) and Current (2019) Daily Fire Weather Index (FWI)
Station Elevation = 427 m
Fire Weather Index (FWI)
150
145
140
135
130
125
120
115
110
105
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%)
Extreme 90+
Above Normal 75−90
Normal 25−75
Below Normal 0−25
2019 Data
Historical Median