

# RAPPORTO TRA2019

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## TRANSETTO 2019: PIOGGIA MISURATA DAI PLUVIOMETRI DEL TRANSETTO

2019

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CAMILab  
Università della Calabria



Fiumefreddo Scalo  
Fiumefreddo San Biase  
Fiumefreddo Ex Discarica  
Domanico SP60  
Paterno Calabro  
Parenti Favali  
Mesoraca-Fratta  
Petilia Marrata  
Foresta

Sistema  
Integrato di  
Laboratori per  
l'Ambiente



**Lab CAMILab**  
Lab. di  
Cartografia  
Ambientale e  
Modellistica Idrogeologica  
UNIVERSITÀ DELLA CALABRIA

## **Premessa**

Nell'ambito del progetto SILA (Sistema Integrato di Laboratori per l'Ambiente), il Laboratorio CAMILab (Cartografia Ambientale e Modellistica Idrologica) ha installato una serie di stazioni pluviometriche (di seguito Transetto) all'interno del territorio della regione Calabria. L'ubicazione di queste stazioni è stata stabilita in modo da ricoprire, insieme alle stazioni già attive nel territorio, una zona che andasse dalla costa tirrenica a quella ionica.

Il seguente rapporto mostra le piogge registrate dal transetto nell'anno 2019.

# Individuazione delle Stazioni pluviometriche

Le stazioni pluviometriche del transetto sono in totale 9 (Figura1) e sono ubicate:

- 1) Fiumefreddo Scalo;
- 2) Fiumefreddo San Biase;
- 3) Fiumefreddo Ex Discarica;
- 4) Domanico SP60;
- 5) Paterno Calabro;
- 6) Parenti Favali;
- 7) Mesoraca-Fratta;
- 8) Petilia Marrata;
- 9) Foresta.



Figura 1: Individuazione delle stazioni pluviometriche

# Piogge Mensili

Di seguito si riportano in forma tabellare le piogge mensili registrate dal transetto. Si precisa che nel mese di ottobre la stazione di “Parenti Favali” e nel mese di novembre la stazione di “Petilia Marrata”, non hanno registrato per intero.

Inoltre, sono assenti i dati dell’intero anno della stazione di “Domanico SP60”.

## Piogge Mensili in mm

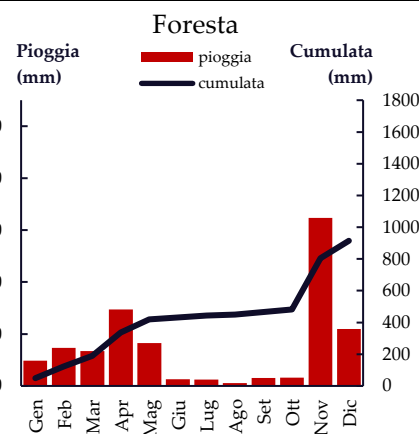
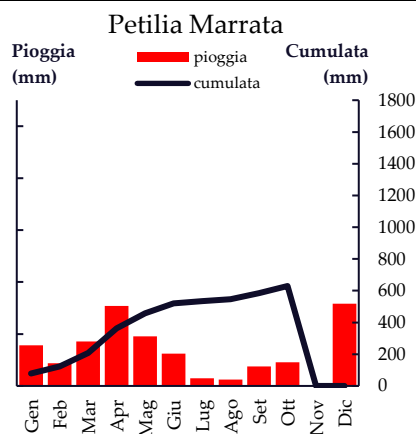
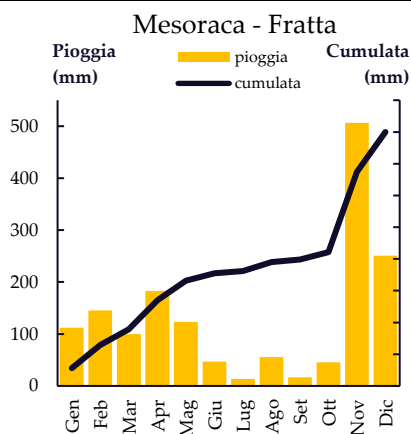
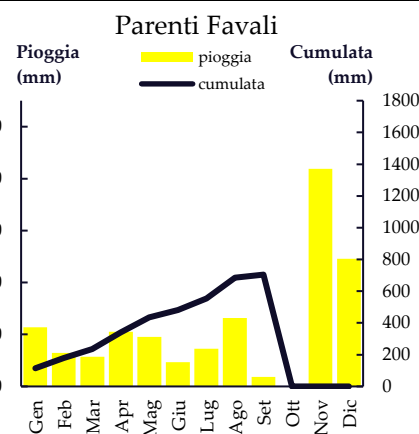
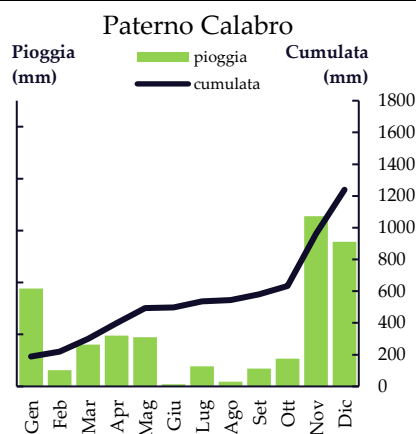
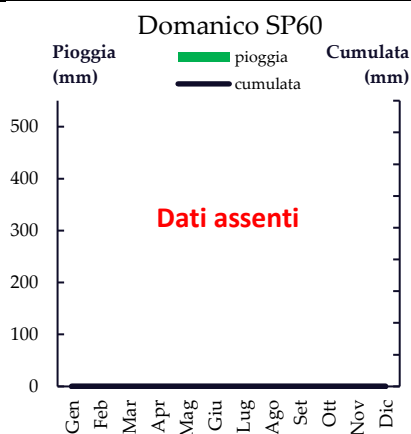
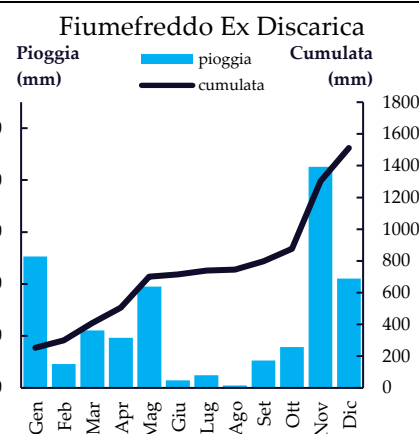
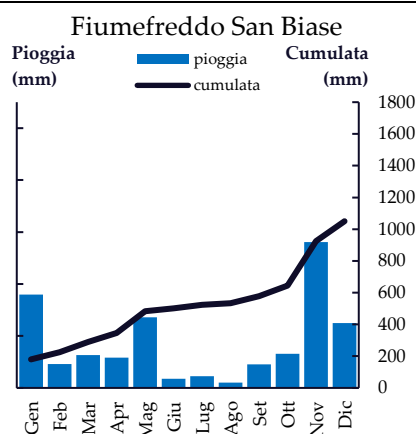
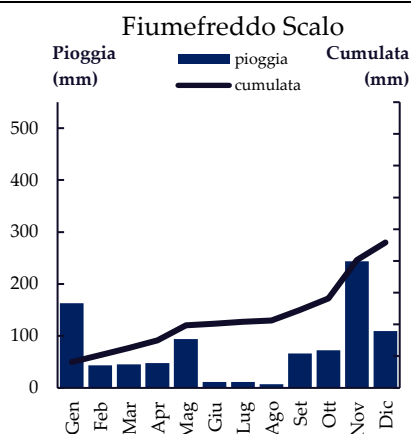
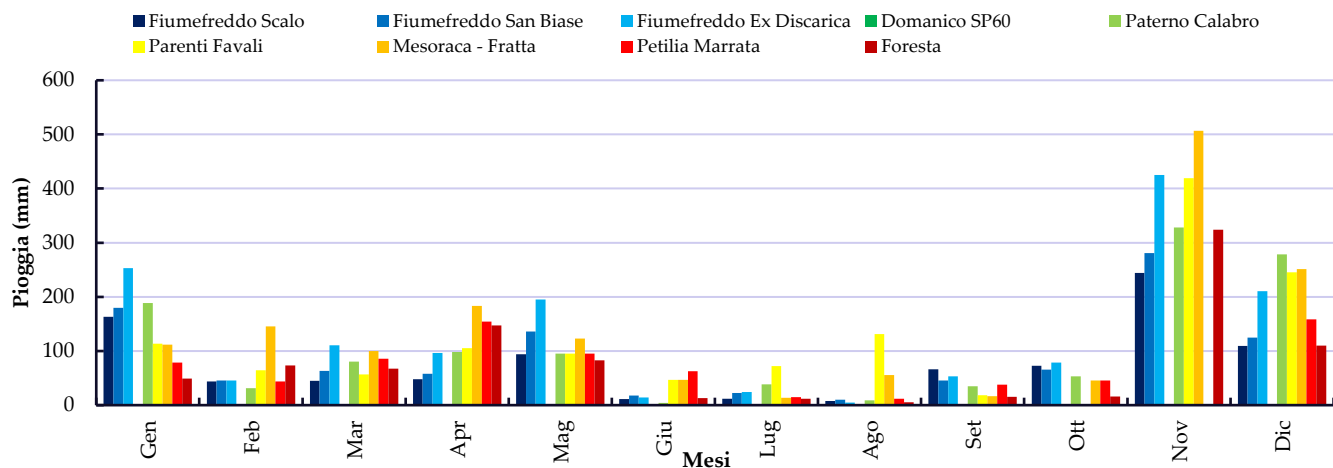
Mese	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
Gen	163	179.8	252.9	-	188.4	113.8	112	78.4	48.9
Feb	43.6	45.8	45.8	-	31.2	64.4	145.4	43.8	73.3
Mar	45.1	63.2	110.8	-	80.3	57	100	85.6	67.2
Apr	47.7	58	96.5	-	97.9	105	183.1	154.3	147.2
Mag	94.2	136.2	194.9	-	95	95.3	123.2	95.4	82.5
Giu	11.4	17.7	14.4	-	4.4	46.7	46.7	62.4	13
Lug	11.7	22.3	24.5	-	38.6	72.4	13.8	14.5	12
Ago	7.4	10	4.5	-	9	131.4	55.4	12	5.3
Set	66.2	45.6	53	-	34.6	18.3	16.5	37.6	15.4
Ott	72.5	65.7	78.4	-	53.4	-	45.8	45.5	16.2
Nov	244	280.7	425.3	-	327.9	419.1	<b>506.7</b>	-	323.7
Dic	109.2	124.9	210.3	-	278.3	245.5	251	158.5	109.7
<b>TOT</b>	<b>916</b>	<b>1049.9</b>	<b>1511.3</b>	-	<b>1239</b>	<b>1368.9</b>	<b>1599.6</b>	<b>788</b>	<b>914.4</b>

La pioggia massima mensile è stata registrata nel mese di Novembre dalla stazione “Mesoraca Fratta” ed è stata pari a 506.7 mm.

La stessa stazione ha registrato anche il massimo di pioggia annua, pari a 1599.6 mm.

Di seguito si riportano i grafici relativi alle piogge mensili.

## Anno 2019



**Nota:** Le cumulate delle stazioni di "Parenti Favali" e "Petilia Marrata" non sono complete.

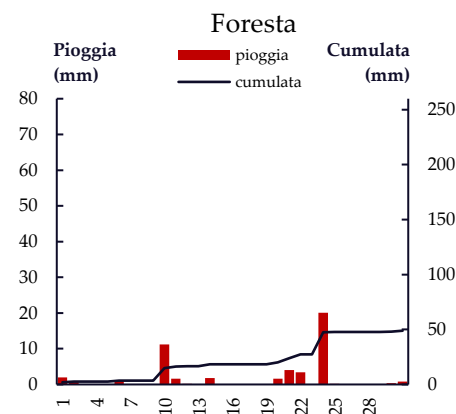
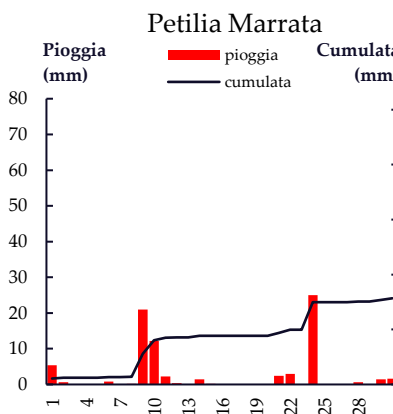
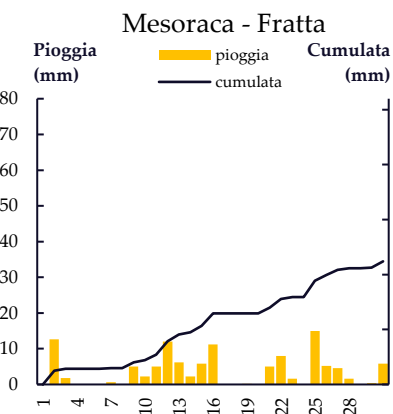
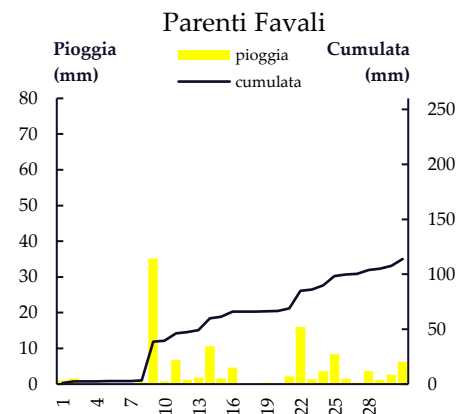
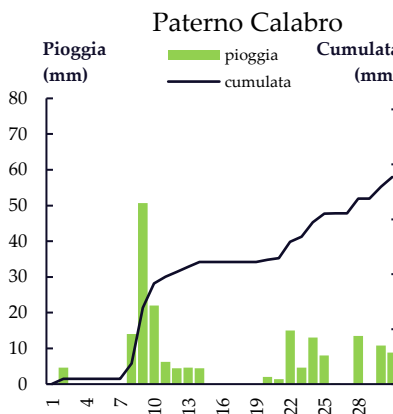
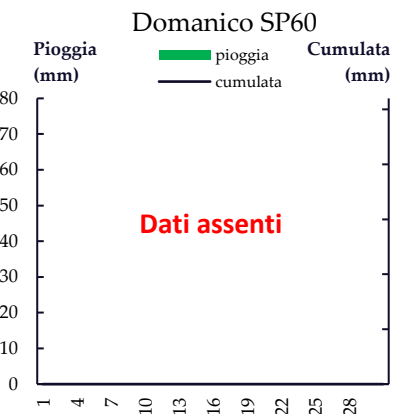
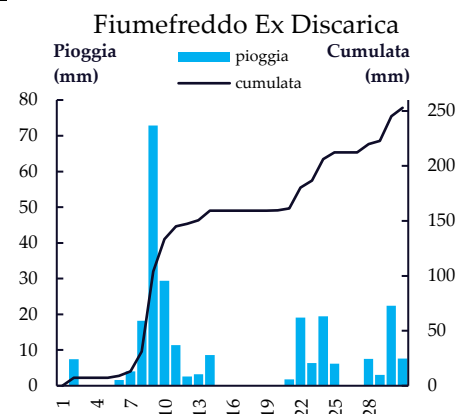
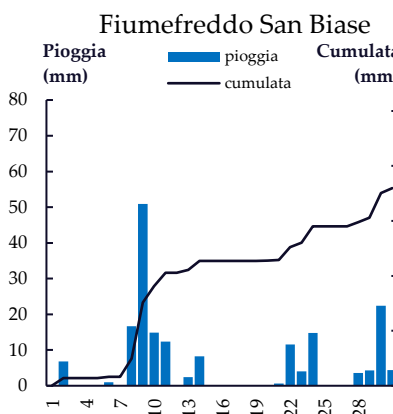
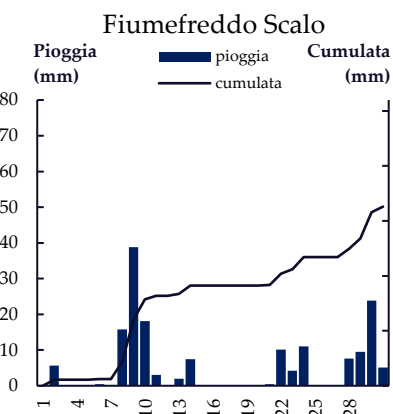
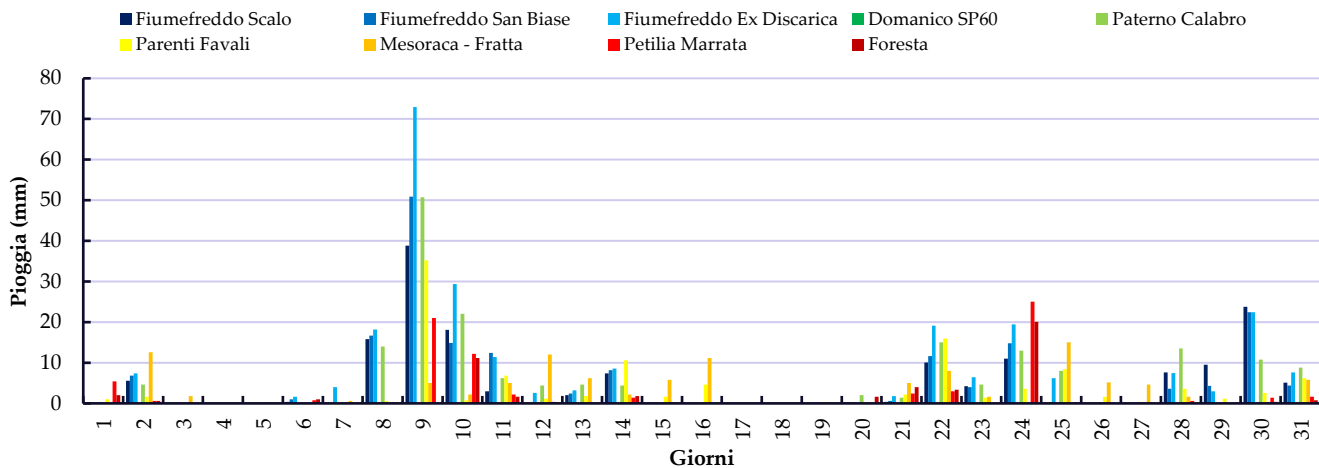
# Piogge Giornaliere

Di seguito si riportano in forma tabellare le piogge giornaliere registrate dei pluviometri in ogni mese e i relativi grafici.

## Mese di Gennaio

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Scarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0.2	0	-	0.2	1	0	5.4	2
2	5.6	6.8	7.4	-	4.6	1.6	12.6	0.6	0.6
3	0	0	0	-	0	0	1.8	0	0
4	0	0	0	-	0	0	0	0	0
5	0	0	0	-	0	0.2	0	0	0
6	0.4	1	1.6	-	0	0	0	0.8	1
7	0	0	4	-	0	0	0.6	0	0
8	15.8	16.7	18.2	-	14	0.6	0	0.2	0
9	38.8	50.9	72.9	-	50.7	35.2	5	21	0
10	18.1	14.9	29.4	-	22	0.8	2.2	12.2	11.2
11	3	12.4	11.4	-	6.2	6.8	5	2.2	1.6
12	0	0	2.6	-	4.4	1.2	12	0.4	0.2
13	2	2.4	3.2	-	4.6	1.8	6.2	0	0
14	7.4	8.2	8.6	-	4.4	10.6	2.2	1.4	1.8
15	0	0.2	0	-	0	1.6	5.8	0.2	0
16	0	0	0	-	0	4.6	11.2	0	0
17	0	0	0	-	0	0	0	0	0
18	0	0	0	-	0	0	0	0	0
19	0	0	0	-	0	0.4	0.2	0	0
20	0.2	0.2	0.2	-	2	0.2	0	0	1.6
21	0.4	0.6	1.8	-	1.4	2.2	5	2.4	4
22	10.1	11.6	19.1	-	15	16	8	3	3.4
23	4.2	4	6.4	-	4.6	1.4	1.6	0	0
24	11	14.8	19.4	-	13	3.6	0	25	20.1
25	0	0.2	6.2	-	8	8.4	15	0	0.2
26	0	0	0	-	0.2	1.6	5.2	0	0
27	0	0	0	-	0	0.4	4.6	0	0
28	7.6	3.6	7.5	-	13.5	3.6	1.6	0.6	0
29	9.5	4.3	3	-	0	1.2	0	0	0
30	23.8	22.4	22.4	-	10.8	2.6	0.4	1.4	0.4
31	5.1	4.4	7.6	-	8.8	6.2	5.8	1.6	0.8
<b>TOT</b>	<b>163</b>	<b>179.8</b>	<b>252.9</b>	<b>-</b>	<b>188.4</b>	<b>113.8</b>	<b>112</b>	<b>78.4</b>	<b>48.9</b>

# Gennaio 2019

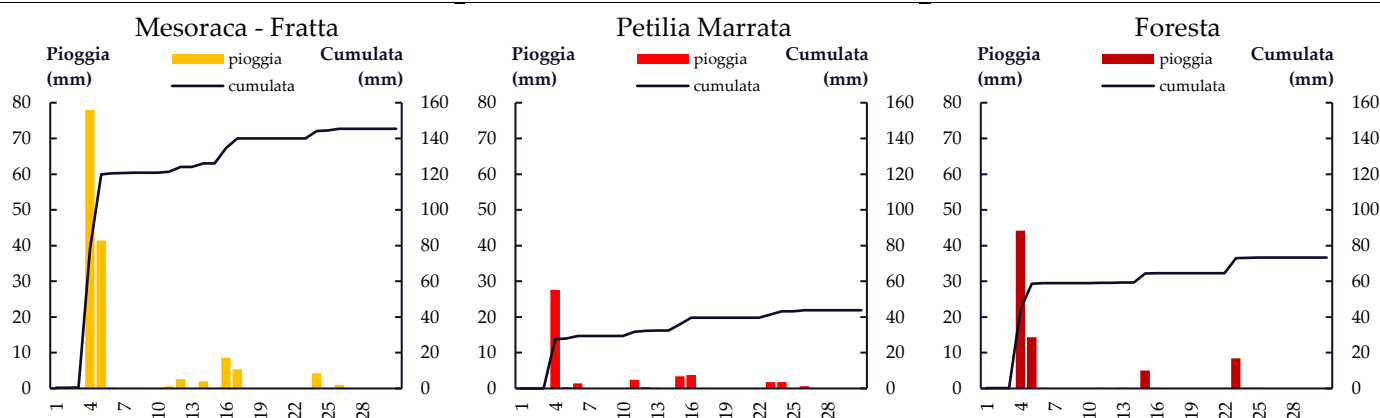
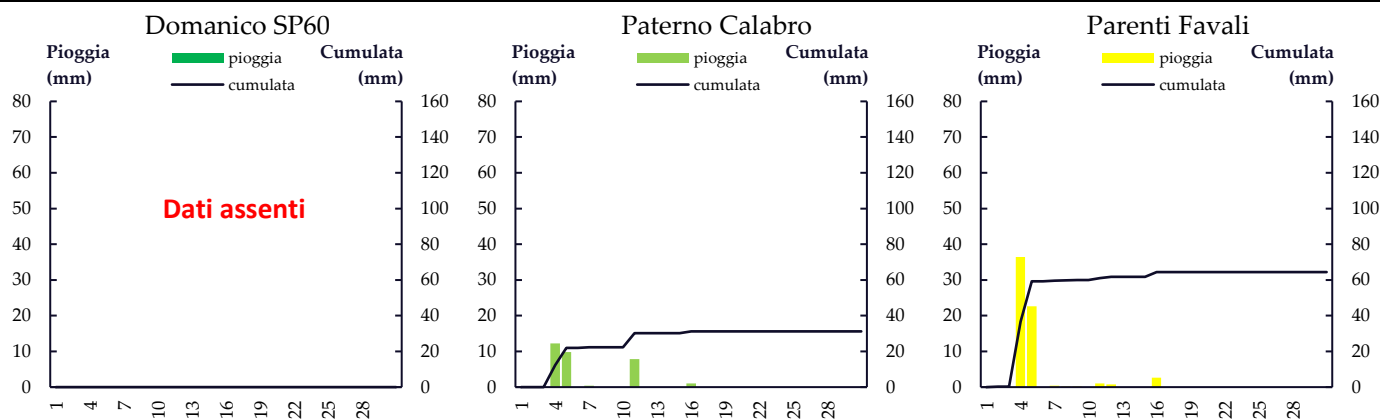
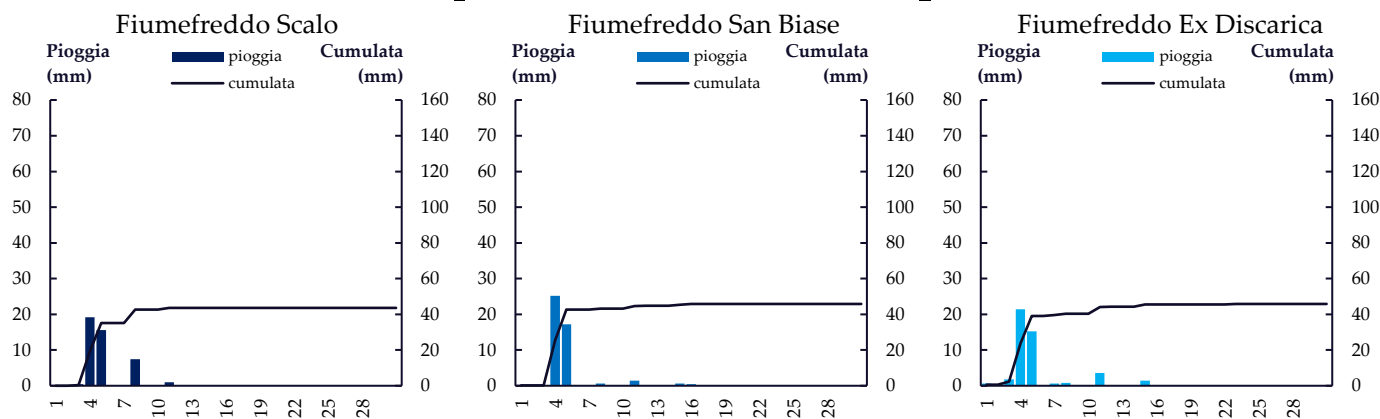
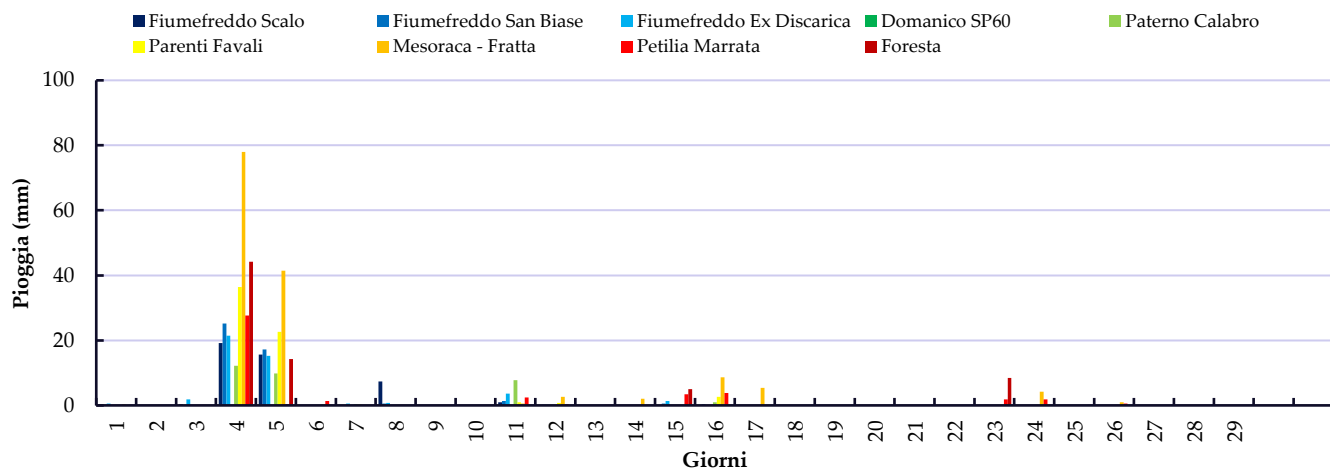


## Mese di Febbraio

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0.2	0.6	-	0	0	0.4	0	0.2
2	0	0	0	-	0	0.2	0	0	0
3	0.4	0	1.8	-	0	0	0.2	0	0
4	19.2	25.2	21.4	-	12.2	36.4	78	27.6	44.2
5	15.6	17.2	15.2	-	9.8	22.6	41.4	0.4	14.3
6	0	0	0	-	0	0	0.4	1.4	0.2
7	0	0	0.6	-	0.4	0.4	0.2	0	0
8	7.4	0.6	0.8	-	0	0.2	0.2	0	0
9	0	0	0	-	0	0.2	0	0	0
10	0	0	0	-	0	0	0	0	0
11	1	1.4	3.6	-	7.8	1	0.6	2.4	0.2
12	0	0.2	0.2	-	0	0.8	2.6	0.4	0
13	0	0	0	-	0	0	0	0.2	0.2
14	0	0	0	-	0	0	2	0	0
15	0	0.6	1.4	-	0	0	0	3.4	5
16	0	0.4	0	-	1	2.6	8.6	3.8	0.2
17	0	0	0	-	0	0	5.4	0	0
18	0	0	0	-	0	0	0	0	0
19	0	0	0	-	0	0	0	0	0
20	0	0	0	-	0	0	0	0	0
21	0	0	0	-	0	0	0	0	0
22	0	0	0	-	0	0	0	0	0
23	0	0	0.2	-	0	0	0	1.8	8.4
24	0	0	0	-	0	0	4.2	1.8	0.2
25	0	0	0	-	0	0	0.2	0	0.2
26	0	0	0	-	0	0	1	0.6	0
27	0	0	0	-	0	0	0	0	0
28	0	0	0	-	0	0	0	0	0
<b>TOT</b>	<b>43.6</b>	<b>45.8</b>	<b>45.8</b>	<b>-</b>	<b>31.2</b>	<b>64.4</b>	<b>145.4</b>	<b>43.8</b>	<b>73.3</b>



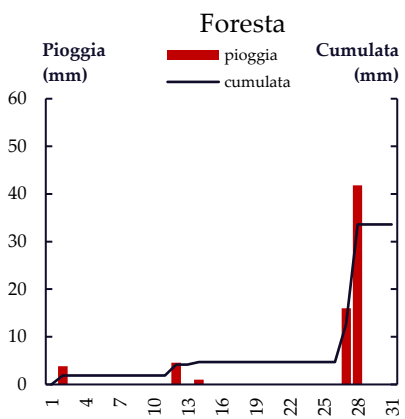
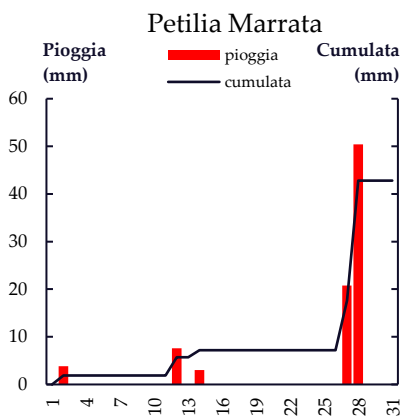
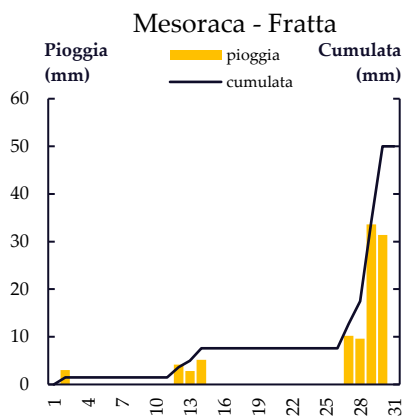
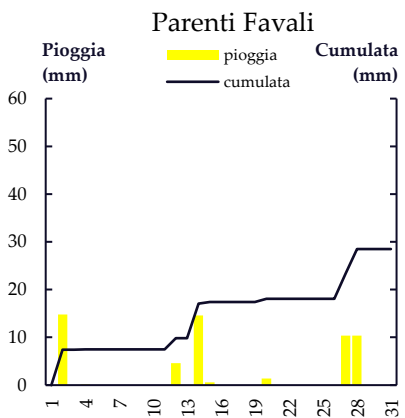
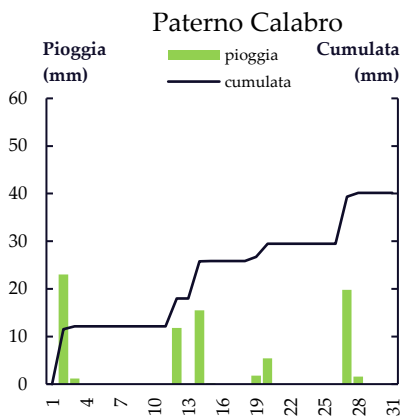
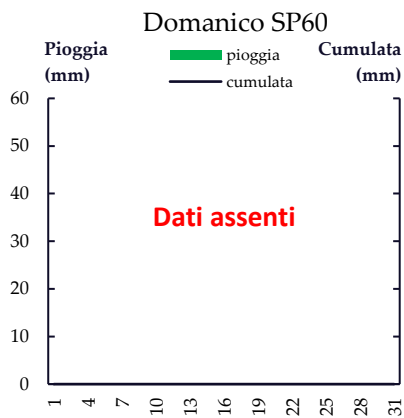
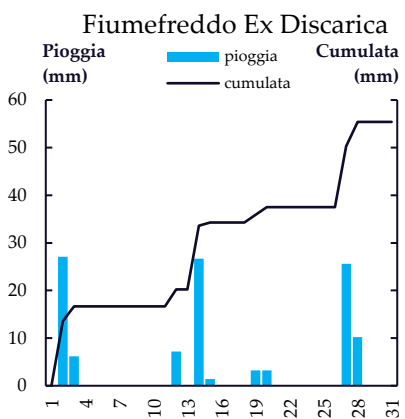
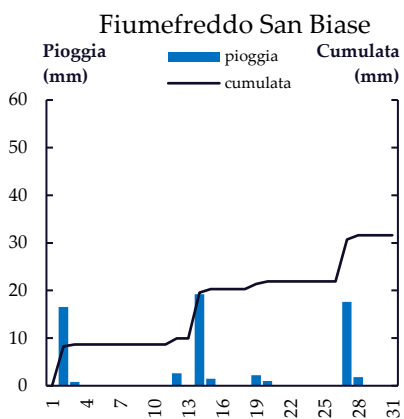
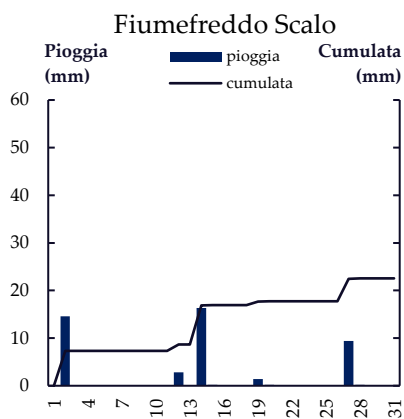
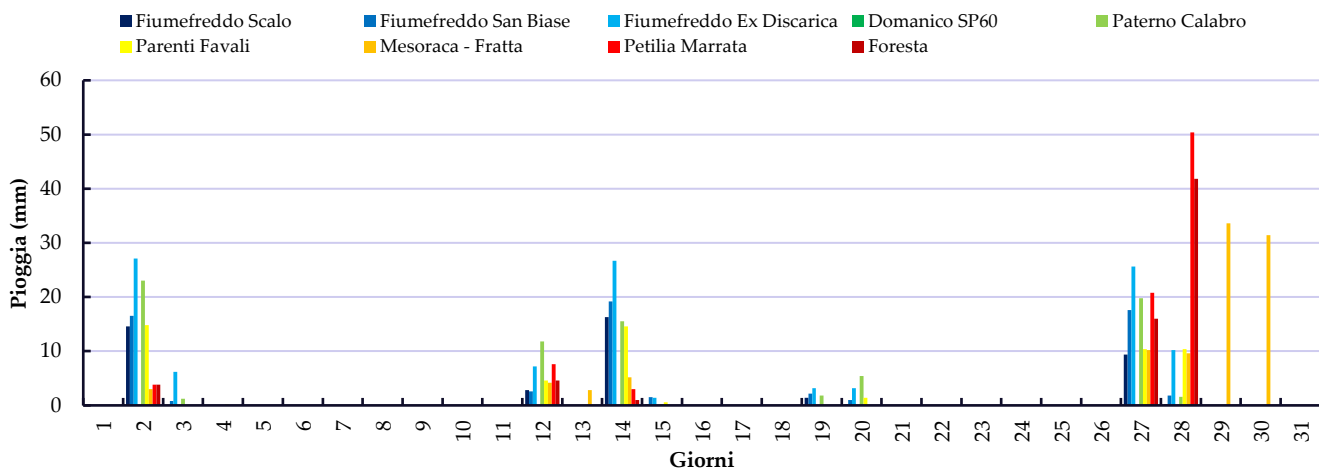
## Febbraio 2019



## Mese di Marzo

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0	0	-	0	0	0	0	0
2	14.6	16.5	27.1	-	23	14.8	3	3.8	3.8
3	0	0.8	6.2	-	1.2	0	0	0	0
4	0	0	0	-	0	0.2	0	0	0
5	0	0	0	-	0	0	0	0	0
6	0	0	0	-	0	0	0	0	0
7	0	0	0	-	0	0	0	0	0
8	0	0	0	-	0	0	0	0	0
9	0	0	0	-	0	0	0	0	0
10	0	0	0	-	0	0	0	0	0
11	0	0	0	-	0	0	0	0	0
12	2.8	2.6	7.2	-	11.8	4.6	4.2	7.6	4.6
13	0	0	0	-	0	0	2.8	0	0
14	16.3	19.2	26.7	-	15.5	14.6	5.2	3	1
15	0.2	1.5	1.4	-	0.2	0.6	0	0	0
16	0	0	0	-	0	0	0	0	0
17	0	0	0	-	0	0	0	0	0
18	0	0	0	-	0	0	0	0	0
19	1.4	2.2	3.2	-	1.8	0	0	0	0
20	0.2	1	3.2	-	5.4	1.4	0	0	0
21	0	0	0	-	0	0	0	0	0
22	0	0	0	-	0	0	0	0	0
23	0	0	0	-	0	0	0	0	0
24	0	0	0	-	0	0	0	0	0
25	0	0	0	-	0	0	0	0	0
26	0	0	0	-	0	0	0	0	0
27	9.4	17.6	25.6	-	19.8	10.4	10.2	20.8	16
28	0.2	1.8	10.2	-	1.6	10.4	9.6	50.4	41.8
29	0	0	0	-	0	0	33.6	0	0
30	0	0	0	-	0	0	31.4	0	0
31	0	0	0	-	0	0	0	0	0
<b>TOT</b>	<b>45.1</b>	<b>63.2</b>	<b>110.8</b>	<b>-</b>	<b>80.3</b>	<b>57</b>	<b>100</b>	<b>85.6</b>	<b>67.2</b>

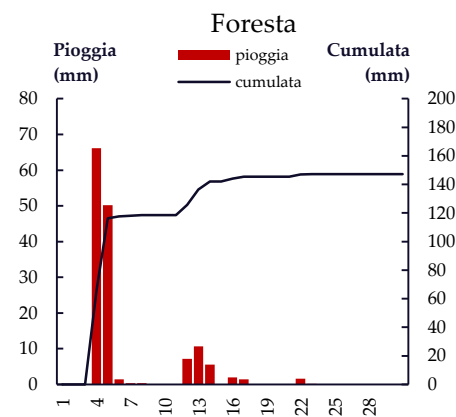
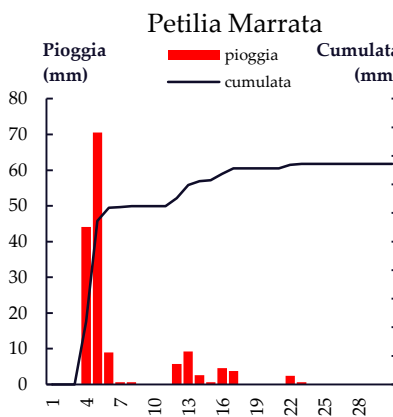
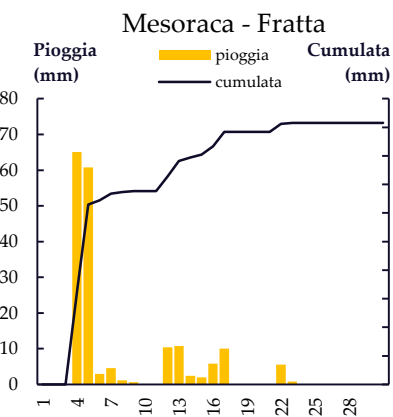
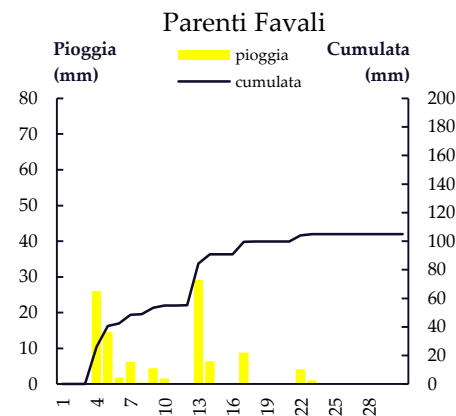
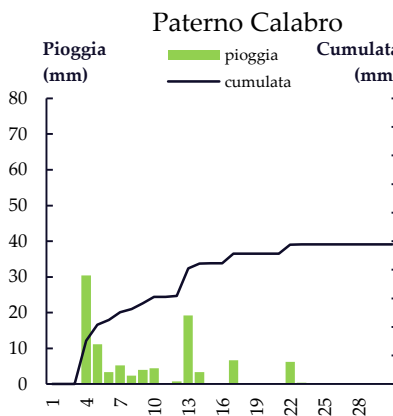
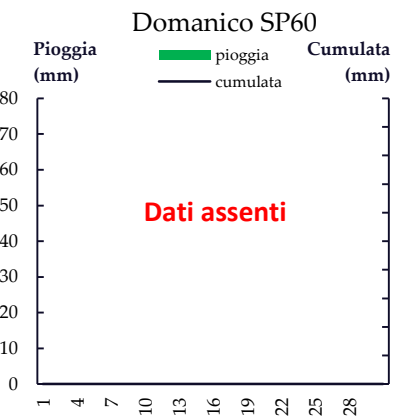
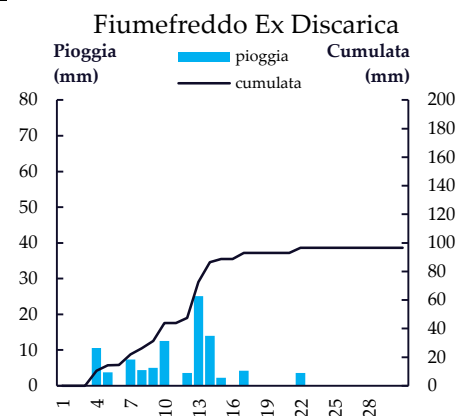
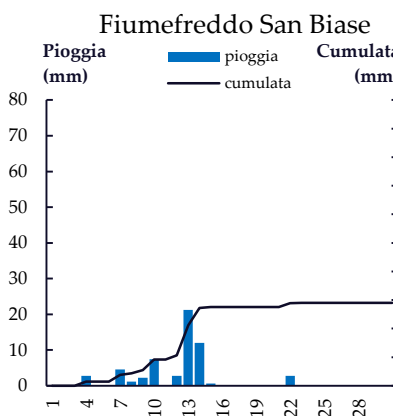
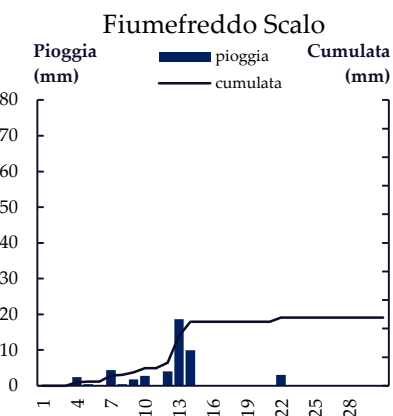
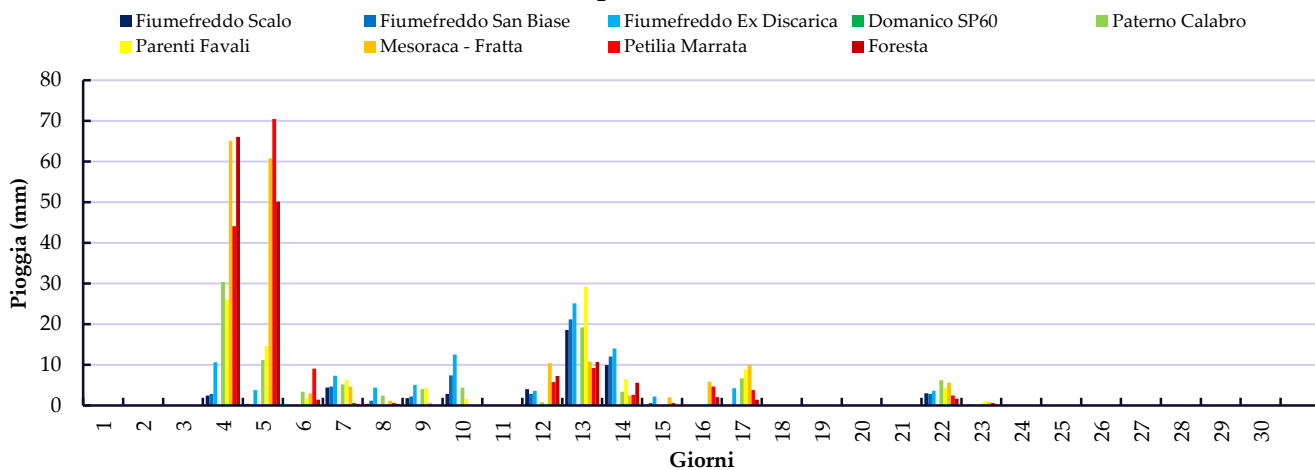
## Marzo 2019



## Mese di Aprile

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0	0	-	0	0	0	0	0
2	0	0	0	-	0	0	0	0	0
3	0	0	0	-	0	0	0	0	0
4	2.4	2.8	10.6	-	30.4	26	65.1	44.1	66.1
5	0.4	0.2	3.8	-	11.2	14.6	60.8	70.5	50.2
6	0	0	0.2	-	3.4	1.8	3	9	1.4
7	4.4	4.6	7.3	-	5.2	6.2	4.6	0.6	0.4
8	0.4	1.2	4.4	-	2.4	0.4	1.2	0.6	0.4
9	1.8	2.2	5	-	4	4.4	0.6	0	0
10	2.8	7.4	12.5	-	4.4	1.6	0	0	0
11	0	0	0	-	0	0	0	0	0
12	4	2.8	3.6	-	0.8	0.2	10.4	5.7	7.2
13	18.6	21.2	25.1	-	19.2	29.2	10.8	9.2	10.7
14	9.9	12	14	-	3.4	6.4	2.4	2.6	5.6
15	0	0.6	2.2	-	0.2	0	2	0.6	0
16	0	0	0	-	0	0	5.8	4.6	2
17	0	0	4.2	-	6.7	8.8	10	3.8	1.4
18	0	0	0	-	0	0.2	0	0	0
19	0	0	0	-	0	0	0	0	0
20	0	0	0	-	0	0	0	0	0
21	0	0	0	-	0	0	0	0	0
22	3	2.8	3.6	-	6.2	4.2	5.6	2.4	1.6
23	0	0.2	0	-	0.4	1	0.8	0.6	0.2
24	0	0	0	-	0	0	0	0	0
25	0	0	0	-	0	0	0	0	0
26	0	0	0	-	0	0	0	0	0
27	0	0	0	-	0	0	0	0	0
28	0	0	0	-	0	0	0	0	0
29	0	0	0	-	0	0	0	0	0
30	0	0	0	-	0	0	0	0	0
<b>TOT</b>	<b>47.7</b>	<b>58</b>	<b>96.5</b>	<b>-</b>	<b>97.9</b>	<b>105</b>	<b>183.1</b>	<b>154.3</b>	<b>147.2</b>

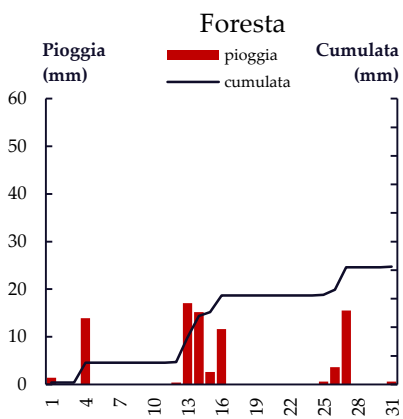
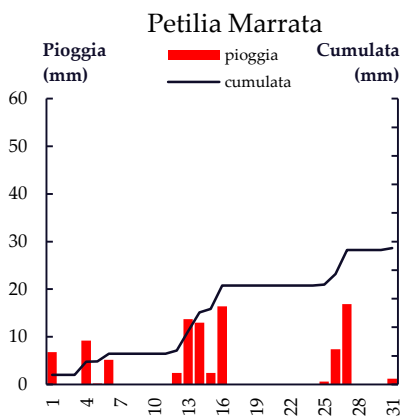
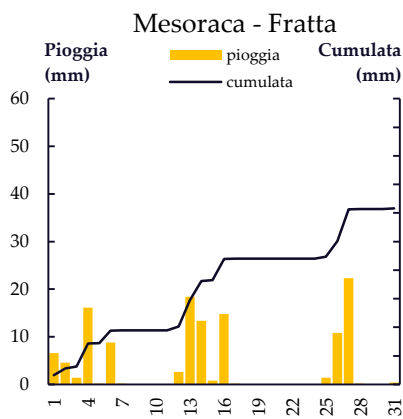
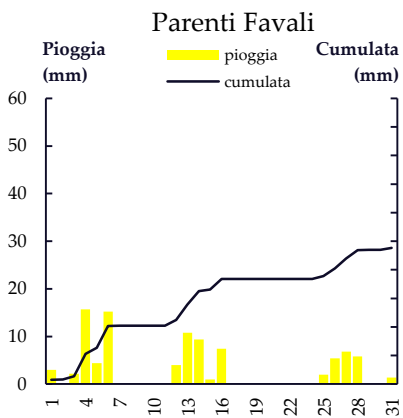
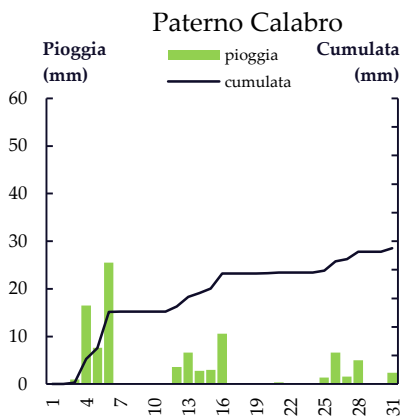
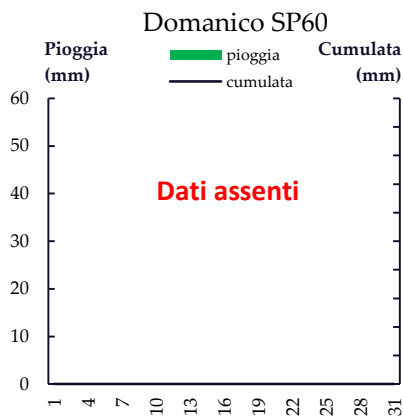
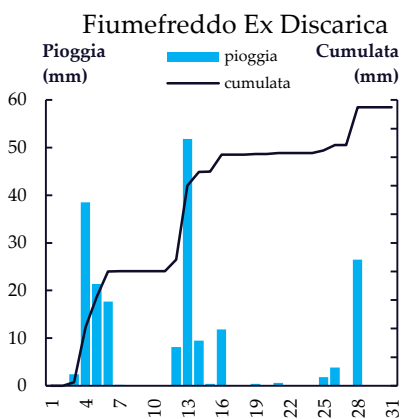
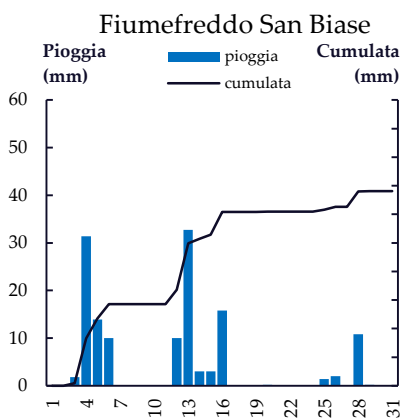
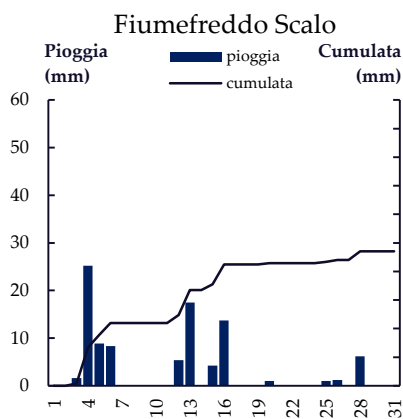
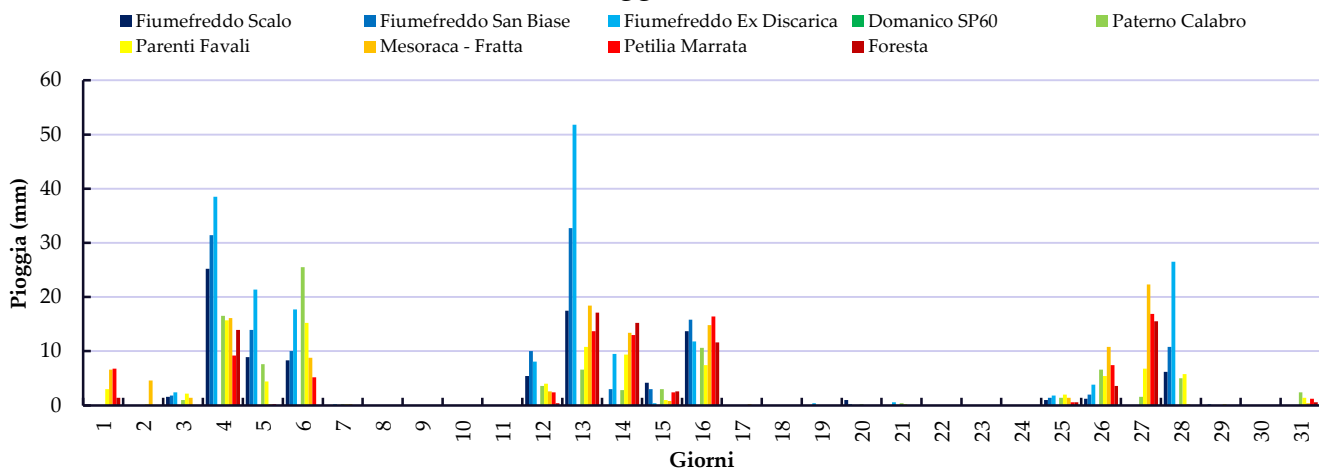
## Aprile 2019



## Mese di Maggio

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0	0	-	0	3	6.6	6.8	1.4
2	0	0	0	-	0	0.2	4.6	0	0
3	1.6	1.8	2.4	-	1	2.2	1.4	0	0
4	25.2	31.4	38.5	-	16.5	15.7	16.1	9.2	13.9
5	8.9	13.9	21.4	-	7.6	4.4	0.2	0.2	0
6	8.3	10	17.7	-	25.5	15.2	8.8	5.2	0
7	0	0	0.2	-	0.2	0.2	0.2	0	0
8	0	0	0	-	0	0	0	0	0
9	0	0	0	-	0	0	0	0	0
10	0	0	0	-	0	0	0	0	0
11	0	0	0	-	0	0	0	0	0
12	5.4	10	8.1	-	3.6	4	2.6	2.4	0.4
13	17.5	32.7	51.8	-	6.6	10.8	18.4	13.7	17.1
14	0	3	9.5	-	2.8	9.4	13.4	13	15.2
15	4.2	3	0.4	-	3	1	0.8	2.4	2.6
16	13.7	15.8	11.8	-	10.6	7.4	14.8	16.4	11.6
17	0	0	0	-	0	0	0.2	0	0
18	0	0	0	-	0	0	0	0	0
19	0	0	0.4	-	0	0	0	0	0
20	1	0.2	0	-	0.2	0	0	0	0
21	0	0	0.6	-	0.4	0.2	0	0	0
22	0	0	0	-	0	0	0	0	0
23	0	0	0	-	0	0	0	0	0
24	0	0	0	-	0	0	0	0	0
25	1	1.4	1.8	-	1.4	2	1.4	0.6	0.6
26	1.2	2	3.8	-	6.6	5.4	10.8	7.4	3.6
27	0	0	0	-	1.6	6.8	22.3	16.9	15.5
28	6.2	10.8	26.5	-	5	5.8	0.2	0	0
29	0	0.2	0	-	0	0.2	0	0	0
30	0	0	0	-	0	0	0	0	0
31	0	0	0	-	2.4	1.4	0.4	1.2	0.6
<b>TOT</b>	<b>94.2</b>	<b>136.2</b>	<b>194.9</b>	<b>-</b>	<b>95</b>	<b>95.3</b>	<b>123.2</b>	<b>95.4</b>	<b>82.5</b>

# Maggio 2019

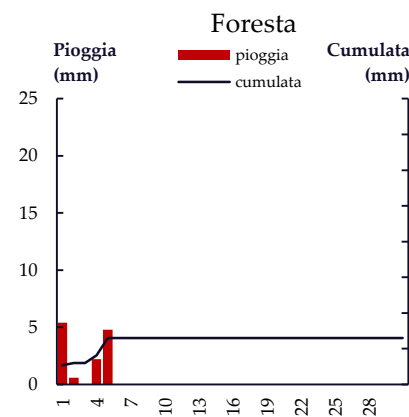
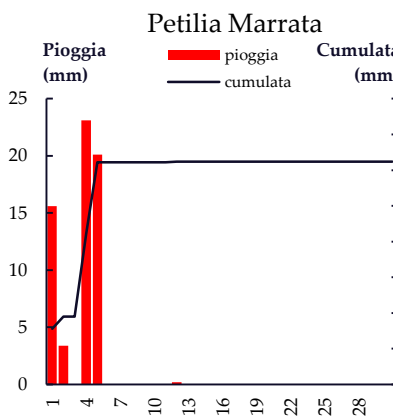
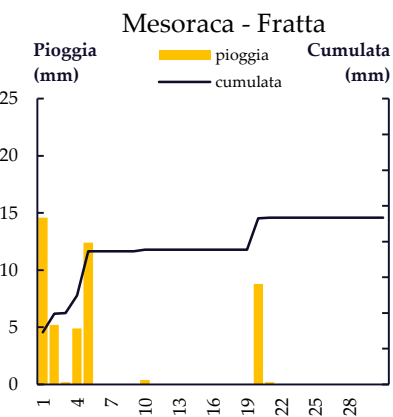
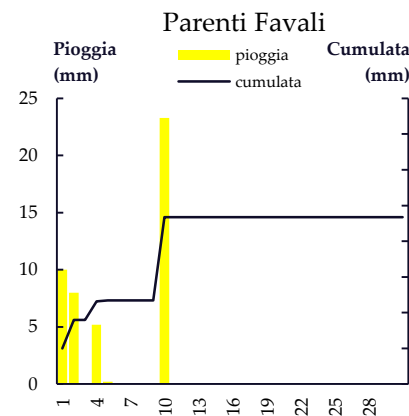
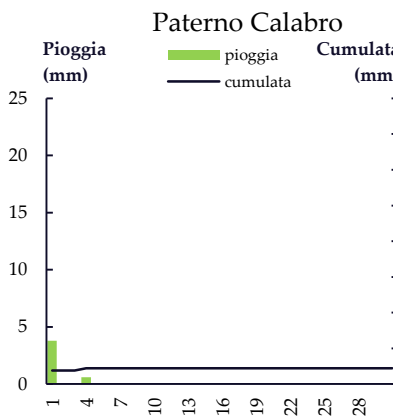
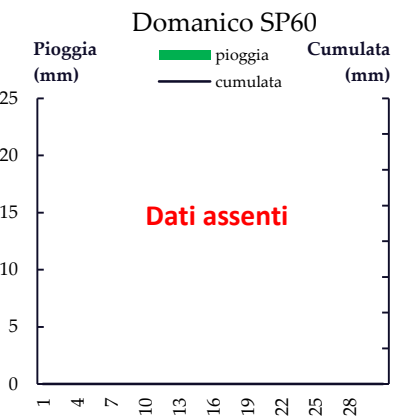
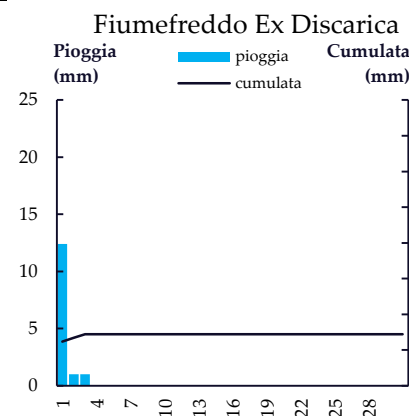
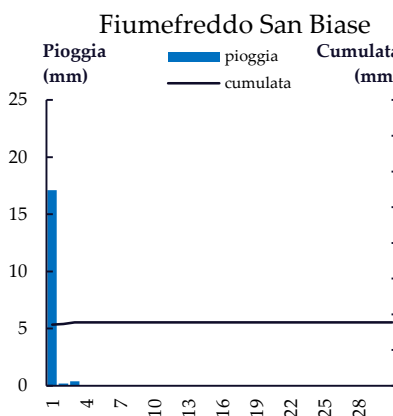
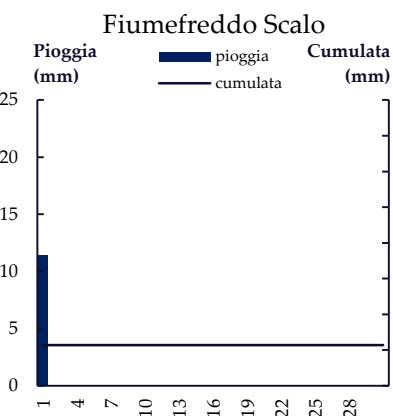
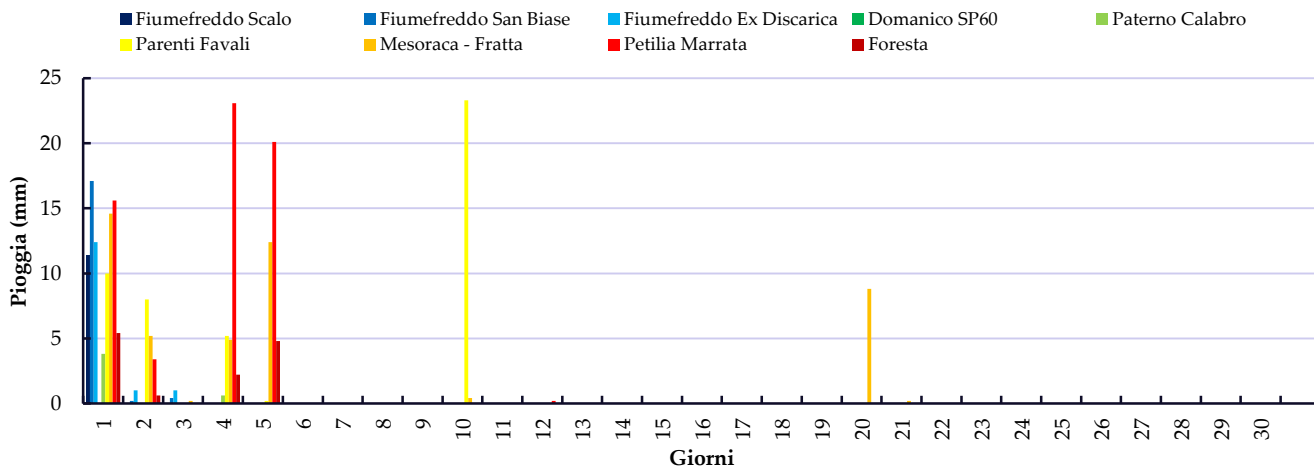


## Mese di Giugno

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	11.4	17.1	12.4	-	3.8	10	14.6	15.6	5.4
2	0	0.2	1	-	0	8	5.2	3.4	0.6
3	0	0.4	1	-	0	0	0.2	0	0
4	0	0	0	-	0.6	5.2	4.9	23.1	2.2
5	0	0	0	-	0	0.2	12.4	20.1	4.8
6	0	0	0	-	0	0	0	0	0
7	0	0	0	-	0	0	0	0	0
8	0	0	0	-	0	0	0	0	0
9	0	0	0	-	0	0	0	0	0
10	0	0	0	-	0	23.3	0.4	0	0
11	0	0	0	-	0	0	0	0	0
12	0	0	0	-	0	0	0	0.2	0
13	0	0	0	-	0	0	0	0	0
14	0	0	0	-	0	0	0	0	0
15	0	0	0	-	0	0	0	0	0
16	0	0	0	-	0	0	0	0	0
17	0	0	0	-	0	0	0	0	0
18	0	0	0	-	0	0	0	0	0
19	0	0	0	-	0	0	0	0	0
20	0	0	0	-	0	0	8.8	0	0
21	0	0	0	-	0	0	0.2	0	0
22	0	0	0	-	0	0	0	0	0
23	0	0	0	-	0	0	0	0	0
24	0	0	0	-	0	0	0	0	0
25	0	0	0	-	0	0	0	0	0
26	0	0	0	-	0	0	0	0	0
27	0	0	0	-	0	0	0	0	0
28	0	0	0	-	0	0	0	0	0
29	0	0	0	-	0	0	0	0	0
30	0	0	0	-	0	0	0	0	0
<b>TOT</b>	<b>11.4</b>	<b>17.7</b>	<b>14.4</b>	<b>-</b>	<b>4.4</b>	<b>46.7</b>	<b>46.7</b>	<b>62.4</b>	<b>13</b>



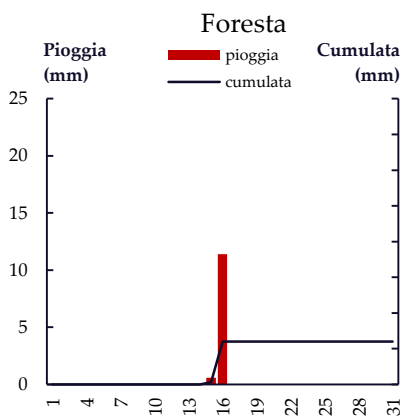
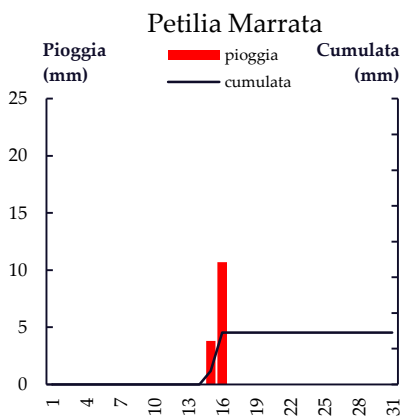
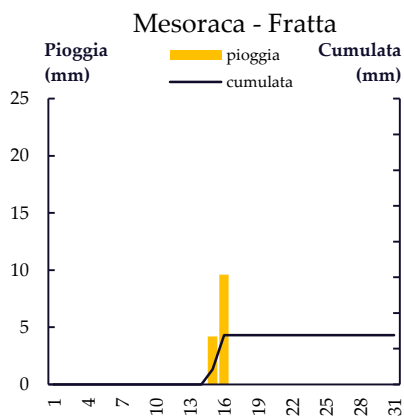
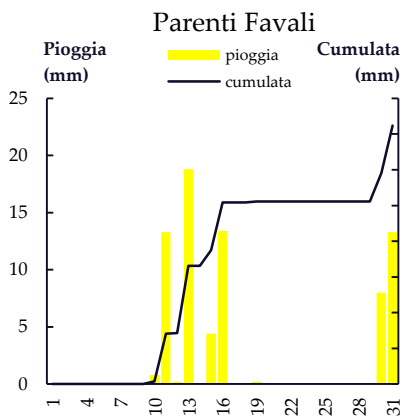
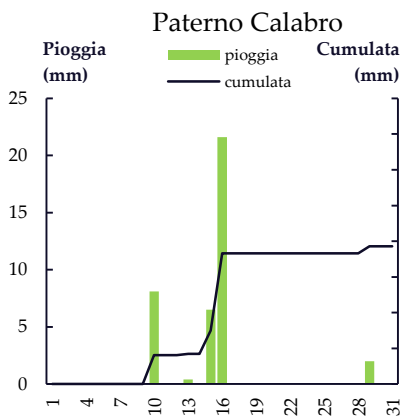
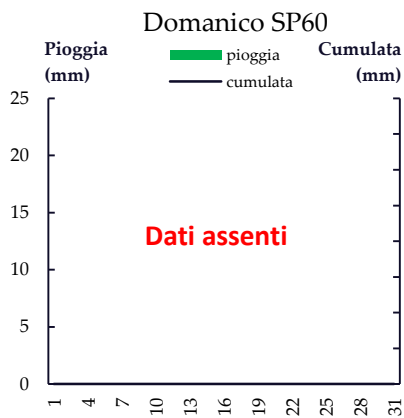
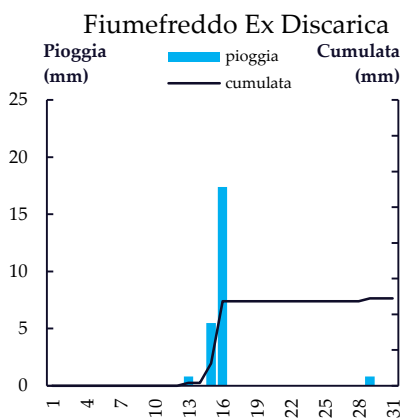
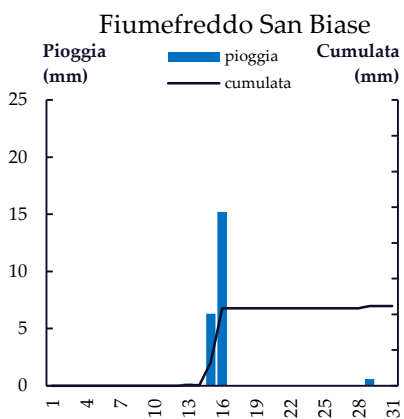
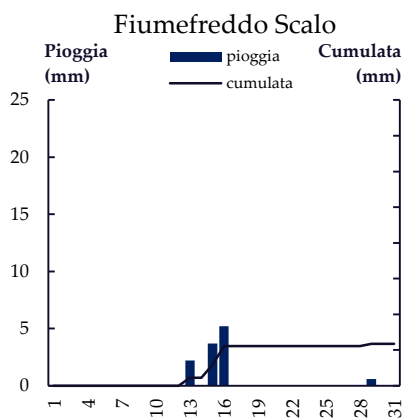
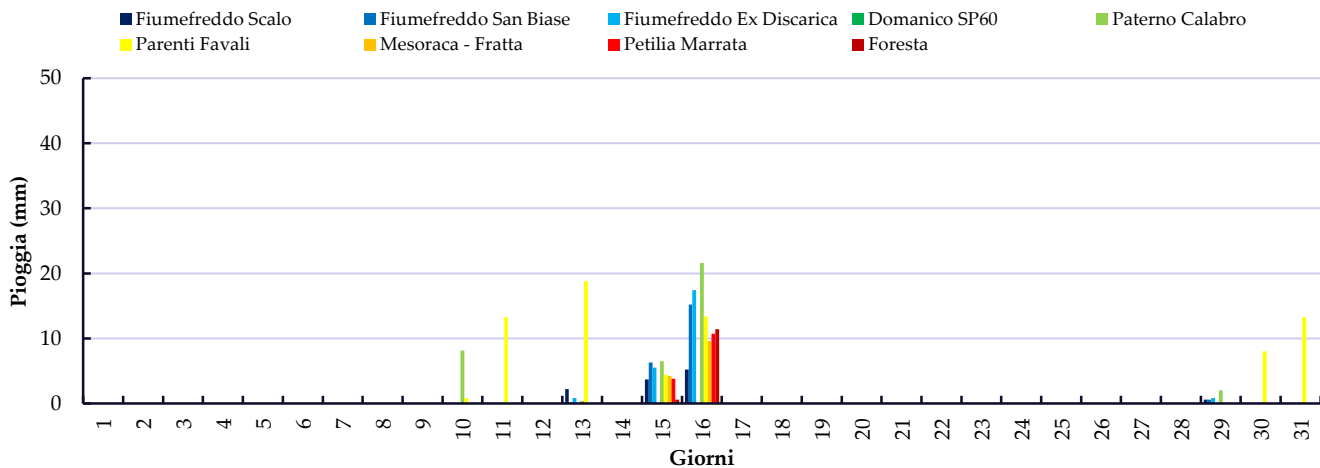
## Giugno 2019



## Mese di Luglio

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0	0	-	0	0	0	0	0
2	0	0	0	-	0	0	0	0	0
3	0	0	0	-	0	0	0	0	0
4	0	0	0	-	0	0	0	0	0
5	0	0	0	-	0	0	0	0	0
6	0	0	0	-	0	0	0	0	0
7	0	0	0	-	0	0	0	0	0
8	0	0	0	-	0	0	0	0	0
9	0	0	0	-	0	0	0	0	0
10	0	0	0	-	8.1	0.8	0	0	0
11	0	0	0	-	0	13.3	0	0	0
12	0	0	0	-	0	0.2	0	0	0
13	2.2	0.2	0.8	-	0.4	18.8	0	0	0
14	0	0	0	-	0	0	0	0	0
15	3.7	6.3	5.5	-	6.5	4.4	4.2	3.8	0.6
16	5.2	15.2	17.4	-	21.6	13.4	9.6	10.7	11.4
17	0	0	0	-	0	0	0	0	0
18	0	0	0	-	0	0	0	0	0
19	0	0	0	-	0	0.2	0	0	0
20	0	0	0	-	0	0	0	0	0
21	0	0	0	-	0	0	0	0	0
22	0	0	0	-	0	0	0	0	0
23	0	0	0	-	0	0	0	0	0
24	0	0	0	-	0	0	0	0	0
25	0	0	0	-	0	0	0	0	0
26	0	0	0	-	0	0	0	0	0
27	0	0	0	-	0	0	0	0	0
28	0	0	0	-	0	0	0	0	0
29	0.6	0.6	0.8	-	2	0	0	0	0
30	0	0	0	-	0	8	0	0	0
31	0	0	0	-	0	13.3	0	0	0
<b>TOT</b>	<b>11.7</b>	<b>22.3</b>	<b>24.5</b>	<b>-</b>	<b>38.6</b>	<b>72.4</b>	<b>13.8</b>	<b>14.5</b>	<b>12</b>

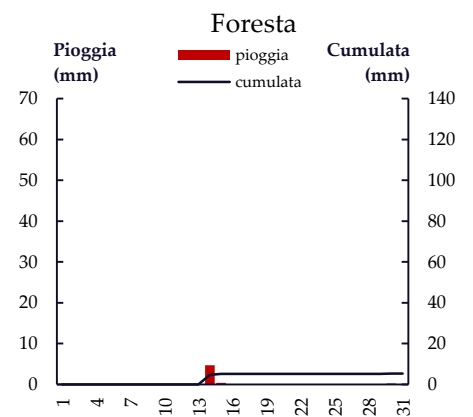
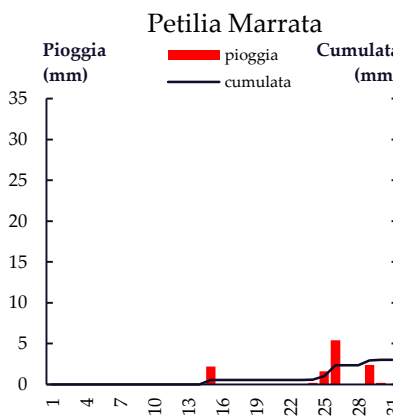
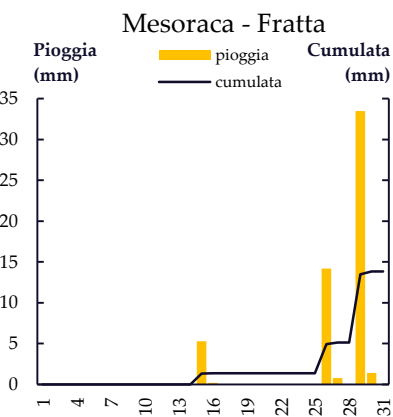
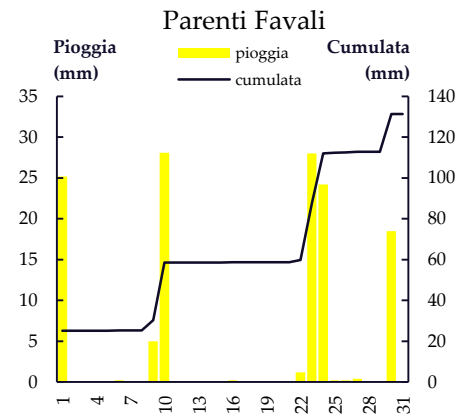
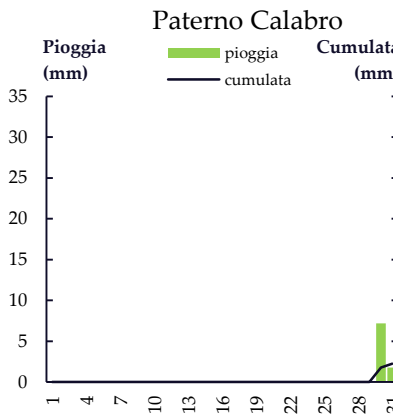
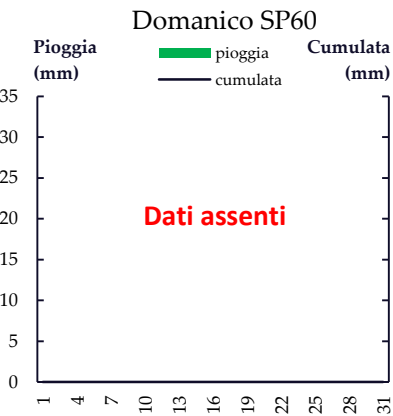
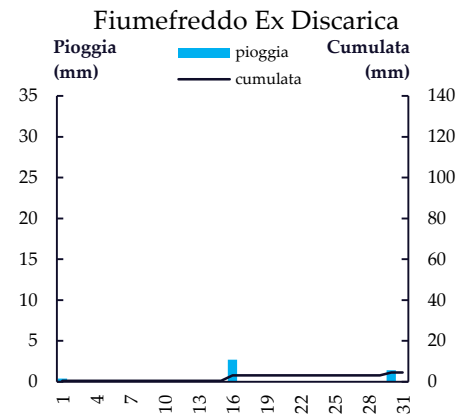
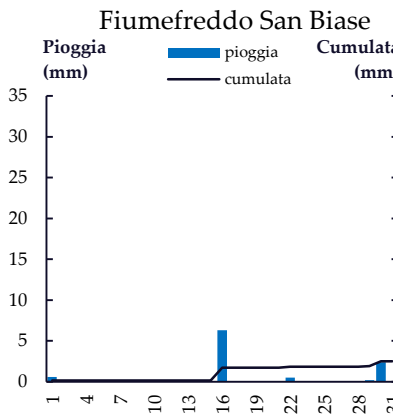
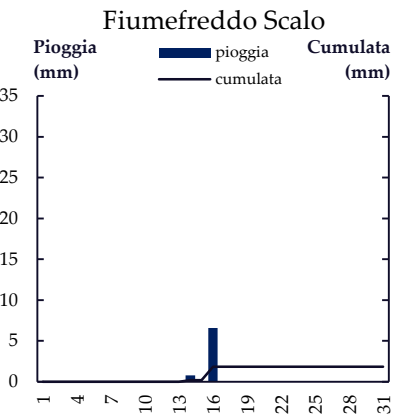
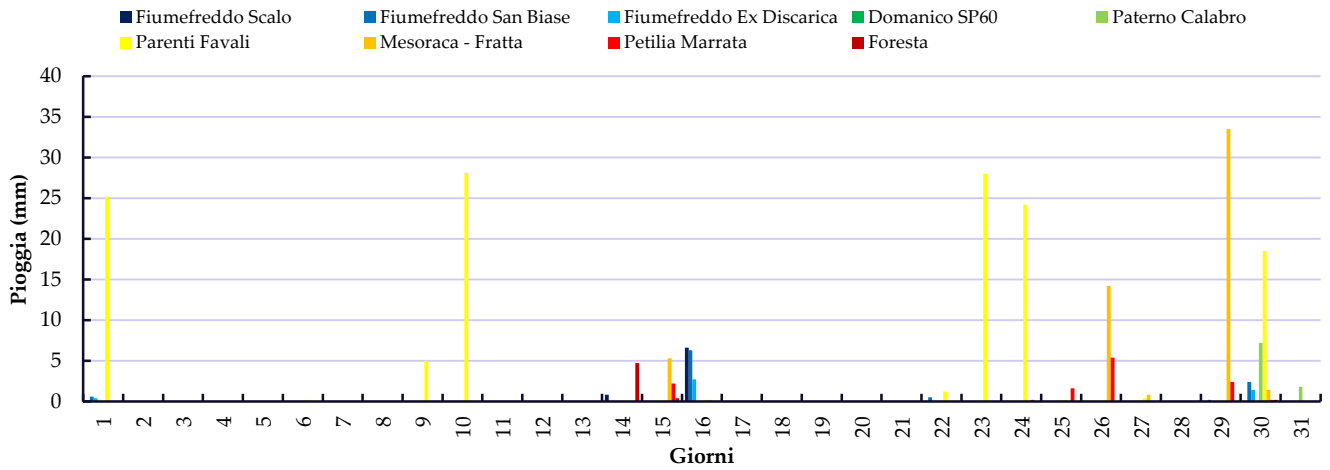
## Luglio 2019



## Mese di Agosto

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0.6	0.4	-	0	25.2	0	0	0
2	0	0	0	-	0	0	0	0	0
3	0	0	0	-	0	0	0	0	0
4	0	0	0	-	0	0	0	0	0
5	0	0	0	-	0	0	0	0	0
6	0	0	0	-	0	0.2	0	0	0
7	0	0	0	-	0	0	0	0	0
8	0	0	0	-	0	0	0	0	0
9	0	0	0	-	0	5	0	0	0
10	0	0	0	-	0	28.1	0	0	0
11	0	0	0	-	0	0	0	0	0
12	0	0	0	-	0	0	0	0	0
13	0	0	0	-	0	0	0	0	0
14	0.8	0	0	-	0	0	0	0	4.7
15	0	0	0	-	0	0	5.3	2.2	0.4
16	6.6	6.3	2.7	-	0	0.2	0.2	0	0
17	0	0	0	-	0	0	0	0	0
18	0	0	0	-	0	0	0	0	0
19	0	0	0	-	0	0	0	0	0
20	0	0	0	-	0	0	0	0	0
21	0	0	0	-	0	0	0	0	0
22	0	0.5	0	-	0	1.2	0	0	0
23	0	0	0	-	0	28	0	0	0
24	0	0	0	-	0	24.2	0	0.2	0
25	0	0	0	-	0	0.2	0	1.6	0
26	0	0	0	-	0	0.2	14.2	5.4	0
27	0	0	0	-	0	0.4	0.8	0	0
28	0	0	0	-	0	0	0	0	0
29	0	0.2	0	-	0	0	33.5	2.4	0
30	0	2.4	1.4	-	7.2	18.5	1.4	0.2	0.2
31	0	0	0	-	1.8	0	0	0	0
<b>TOT</b>	<b>7.4</b>	<b>10</b>	<b>4.5</b>	<b>-</b>	<b>9</b>	<b>131.4</b>	<b>55.4</b>	<b>12</b>	<b>5.3</b>

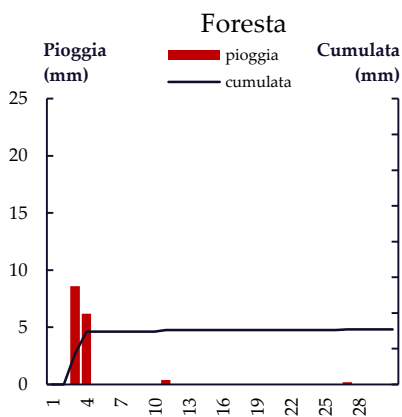
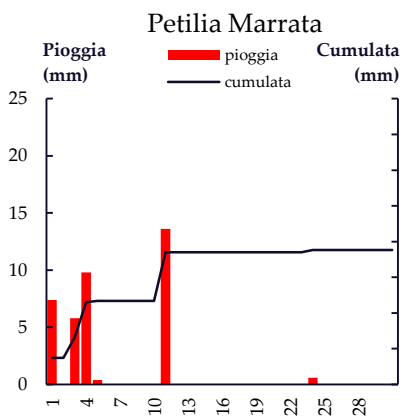
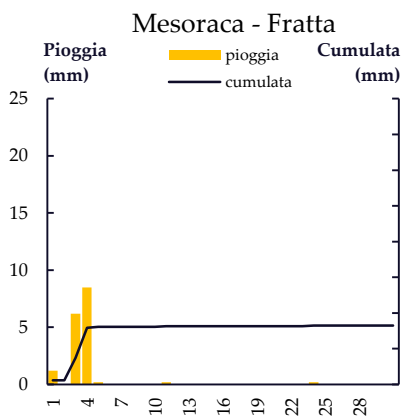
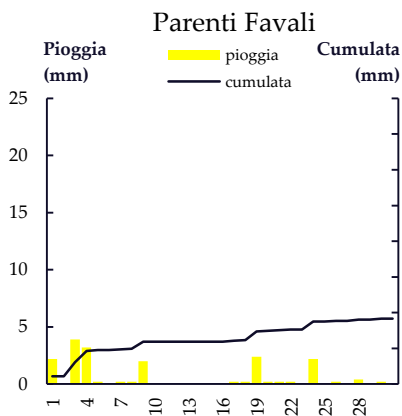
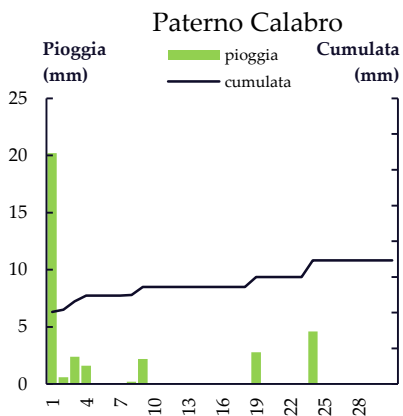
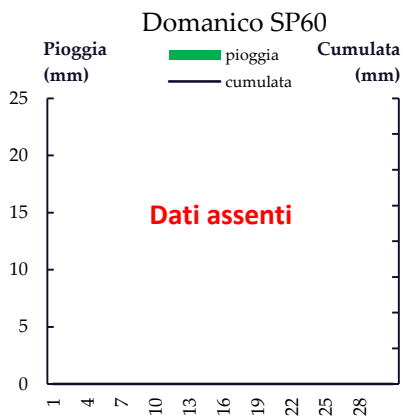
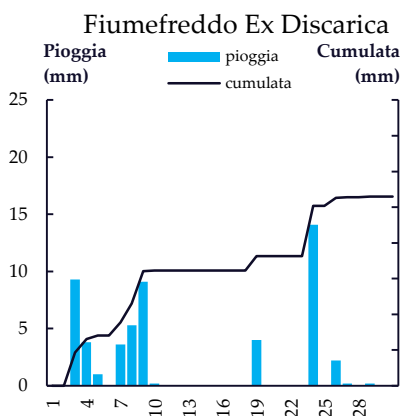
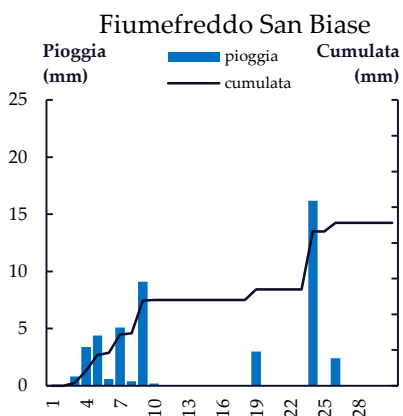
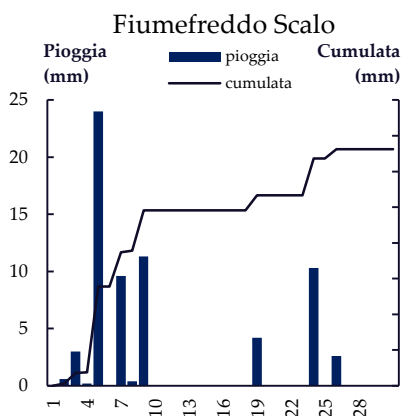
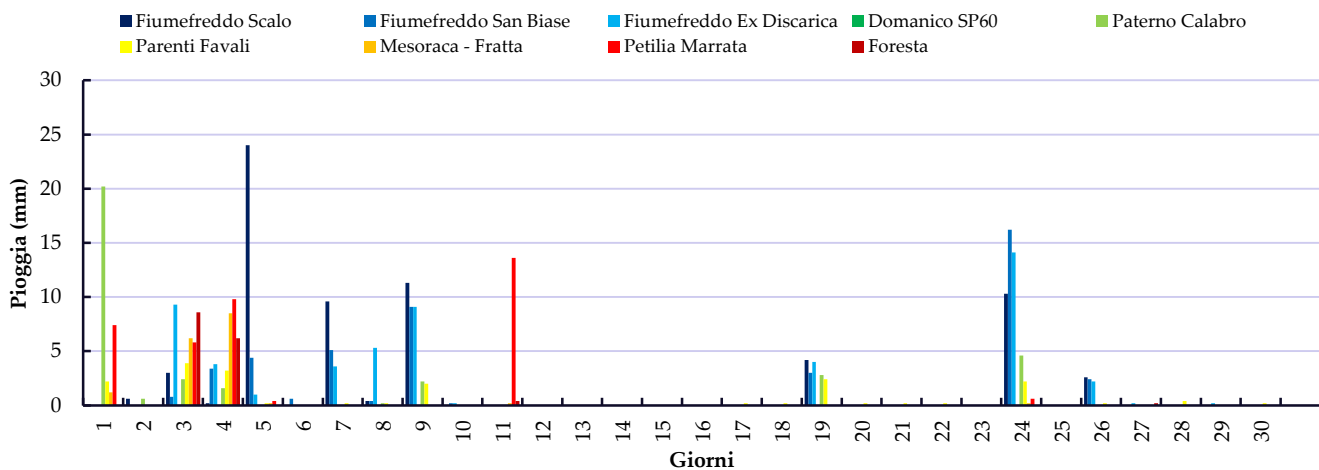
# Agosto 2019



## Mese di Settembre

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0	0	-	20.2	2.2	1.2	7.4	0
2	0.6	0	0	-	0.6	0	0	0	0
3	3	0.8	9.3	-	2.4	3.9	6.2	5.8	8.6
4	0.2	3.4	3.8	-	1.6	3.2	8.5	9.8	6.2
5	24	4.4	1	-	0	0.2	0.2	0.4	0
6	0	0.6	0	-	0	0	0	0	0
7	9.6	5.1	3.6	-	0	0.2	0	0	0
8	0.4	0.4	5.3	-	0.2	0.2	0	0	0
9	11.3	9.1	9.1	-	2.2	2	0	0	0
10	0	0.2	0.2	-	0	0	0	0	0
11	0	0	0	-	0	0	0.2	13.6	0.4
12	0	0	0	-	0	0	0	0	0
13	0	0	0	-	0	0	0	0	0
14	0	0	0	-	0	0	0	0	0
15	0	0	0	-	0	0	0	0	0
16	0	0	0	-	0	0	0	0	0
17	0	0	0	-	0	0.2	0	0	0
18	0	0	0	-	0	0.2	0	0	0
19	4.2	3	4	-	2.8	2.4	0	0	0
20	0	0	0	-	0	0.2	0	0	0
21	0	0	0	-	0	0.2	0	0	0
22	0	0	0	-	0	0.2	0	0	0
23	0	0	0	-	0	0	0	0	0
24	10.3	16.2	14.1	-	4.6	2.2	0.2	0.6	0
25	0	0	0	-	0	0	0	0	0
26	2.6	2.4	2.2	-	0	0.2	0	0	0
27	0	0	0.2	-	0	0	0	0	0.2
28	0	0	0	-	0	0.4	0	0	0
29	0	0	0.2	-	0	0	0	0	0
30	0	0	0	-	0	0.2	0	0	0
<b>TOT</b>	<b>66.2</b>	<b>45.6</b>	<b>53</b>	<b>-</b>	<b>34.6</b>	<b>18.3</b>	<b>16.5</b>	<b>37.6</b>	<b>15.4</b>

## Settembre 2019

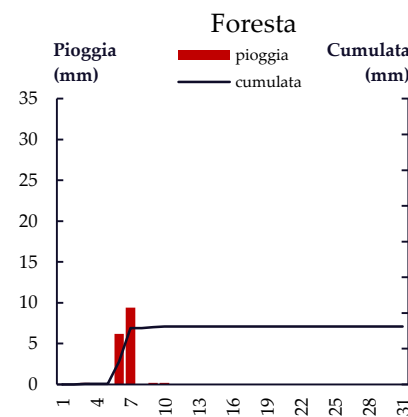
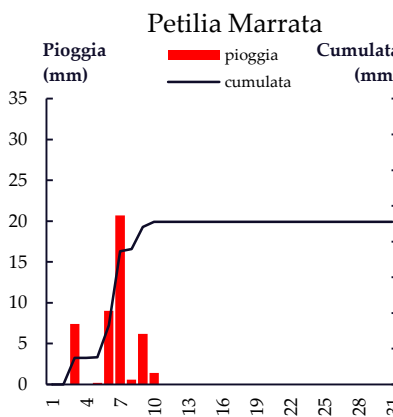
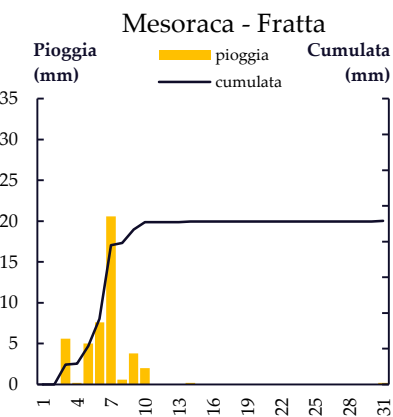
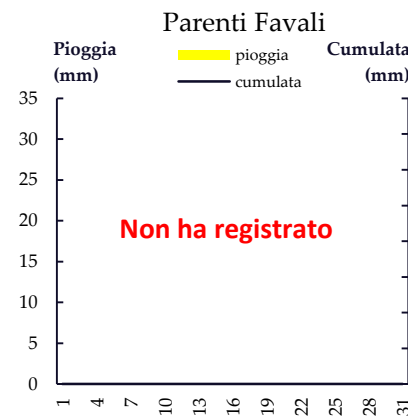
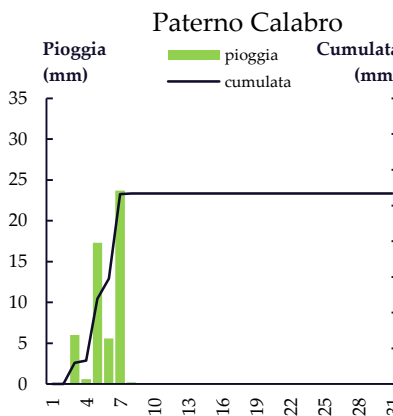
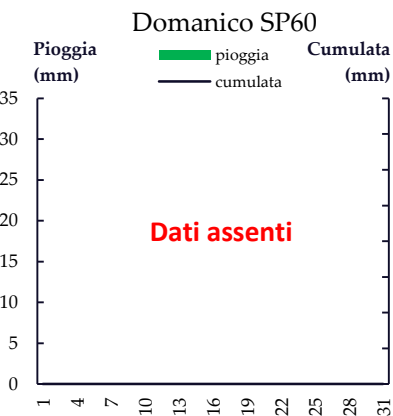
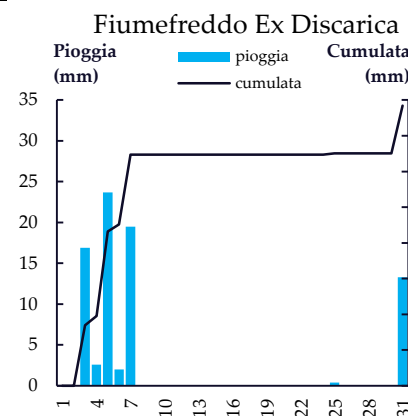
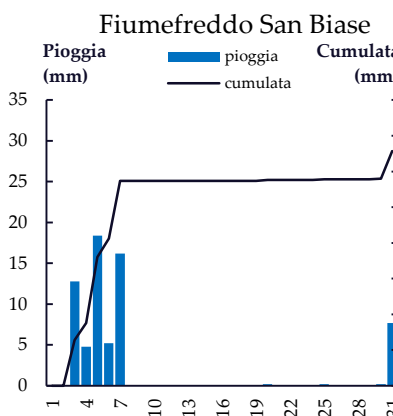
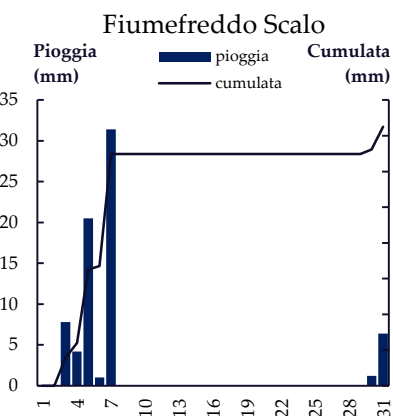
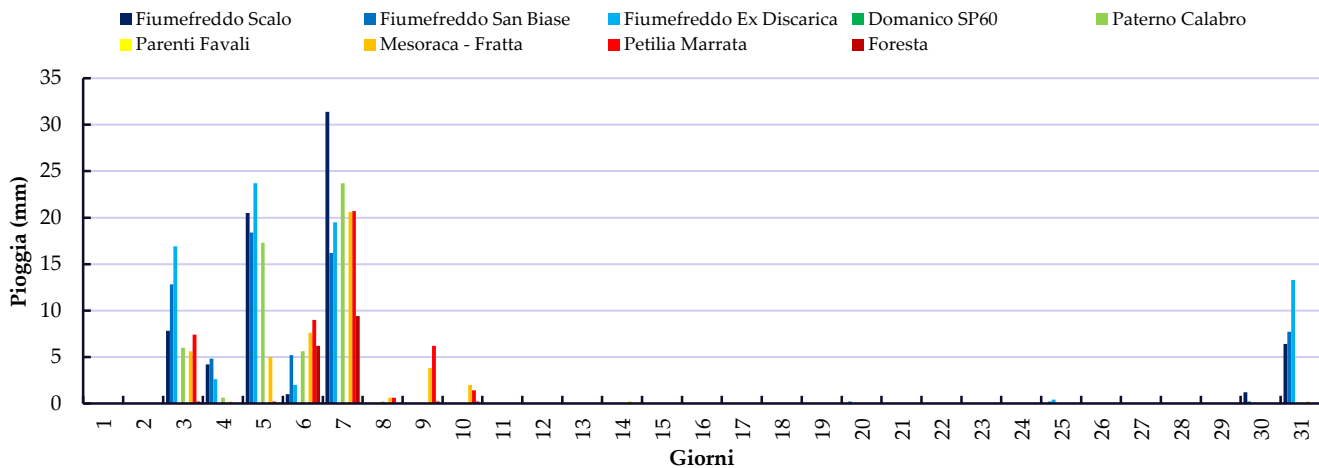


## Mese di Ottobre

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0	0	-	0	-	0	0	0
2	0	0	0	-	0	-	0	0	0
3	7.8	12.8	16.9	-	6	-	5.6	7.4	0.2
4	4.2	4.8	2.6	-	0.6	-	0.2	0	0
5	20.5	18.4	23.7	-	17.3	-	5	0.2	0
6	1	5.2	2	-	5.6	-	7.6	9	6.2
7	31.4	16.2	19.5	-	23.7	-	20.6	20.7	9.4
8	0	0	0	-	0.2	-	0.6	0.6	0
9	0	0	0	-	0	-	3.8	6.2	0.2
10	0	0	0	-	0	-	2	1.4	0.2
11	0	0	0	-	0	-	0	0	0
12	0	0	0	-	0	-	0	0	0
13	0	0	0	-	0	-	0	0	0
14	0	0	0	-	0	-	0.2	0	0
15	0	0	0	-	0	-	0	0	0
16	0	0	0	-	0	-	0	0	0
17	0	0	0	-	0	-	0	0	0
18	0	0	0	-	0	-	0	0	0
19	0	0	0	-	0	-	0	0	0
20	0	0.2	0	-	0	-	0	0	0
21	0	0	0	-	0	-	0	0	0
22	0	0	0	-	0	-	0	0	0
23	0	0	0	-	0	-	0	0	0
24	0	0	0	-	0	-	0	0	0
25	0	0.2	0.4	-	0	-	0	0	0
26	0	0	0	-	0	-	0	0	0
27	0	0	0	-	0	-	0	0	0
28	0	0	0	-	0	-	0	0	0
29	0	0	0	-	0	-	0	0	0
30	1.2	0.2	0	-	0	-	0	0	0
31	6.4	7.7	13.3	-	0	-	0.2	0	0
<b>TOT</b>	<b>72.5</b>	<b>65.7</b>	<b>78.4</b>	<b>-</b>	<b>53.4</b>	<b>-</b>	<b>45.8</b>	<b>45.5</b>	<b>16.2</b>



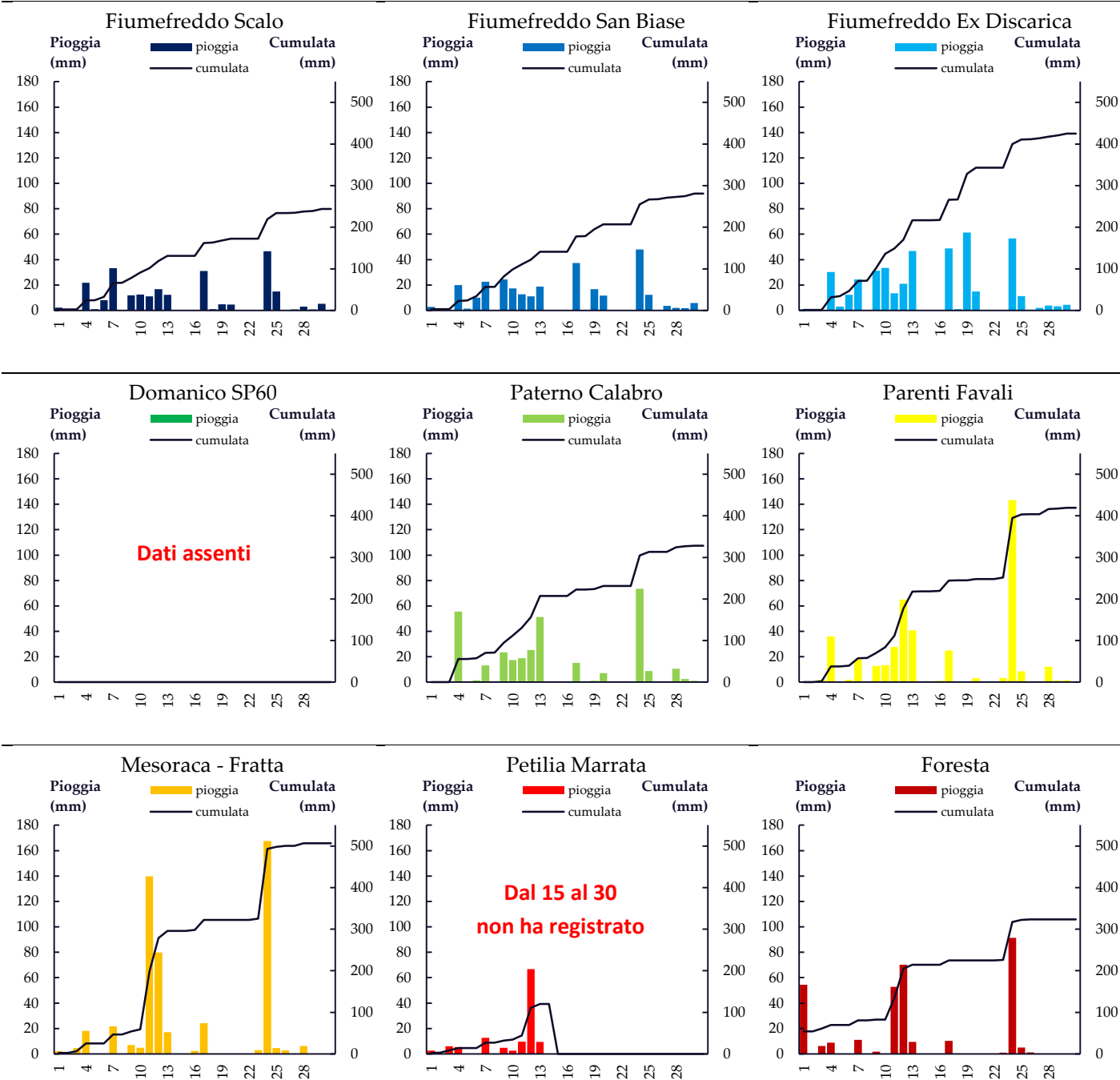
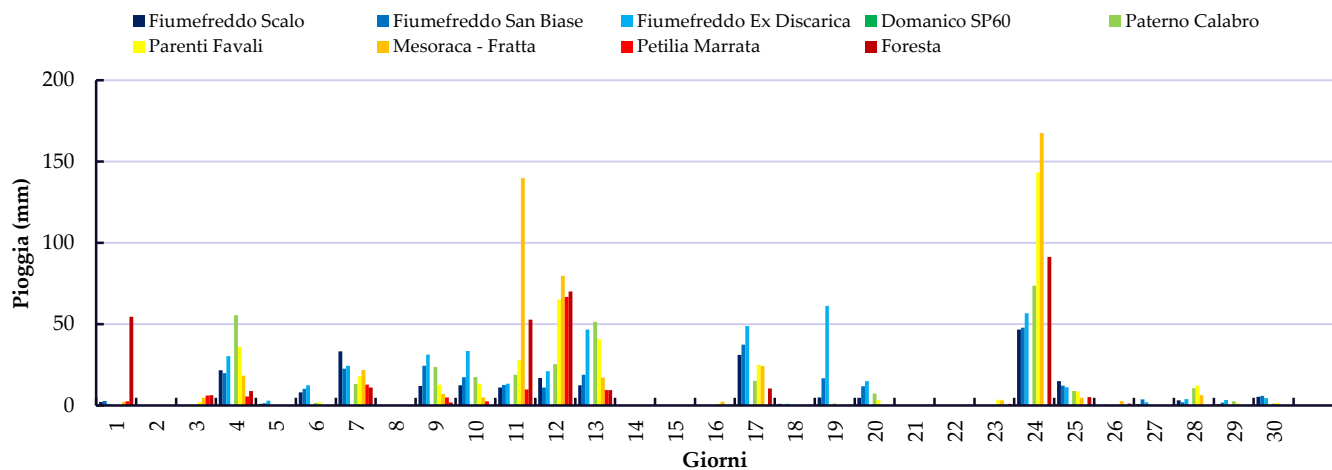
# Ottobre 2019



## Mese di Novembre

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	2.2	2.8	1	-	0.2	0	2.2	2.6	54.5
2	0	0	0.2	-	0	0	0	0.2	0
3	0	0	0	-	0	2	4.7	6.1	6.3
4	21.7	19.9	30.2	-	55.5	36	18.2	5.5	8.8
5	1	1.4	3	-	0.2	0	0	0	0
6	8	10.1	12.3	-	1.6	2	0.2	0	0
7	33.3	22.6	24.4	-	13.2	17.8	21.8	12.7	11
8	0.4	0	0.2	-	0.2	0.2	0	0	0
9	11.9	24.3	31.2	-	23.5	12.8	7	4.8	1.8
10	12.4	17.3	33.4	-	17.4	13.4	4.8	2.6	0
11	11	12.6	13.4	-	18.9	27.8	139.7	9.7	52.8
12	16.8	11	21	-	25.3	65.1	79.8	66.7	70.1
13	12.3	18.8	46.7	-	51.3	40.8	17.1	9.4	9.4
14	0	0	0	-	0	0.4	0.2	0	0
15	0	0	0	-	0	0	0	-	0
16	0	0	0.2	-	0	1.2	2.4	-	0
17	31.1	37.3	48.7	-	15.2	24.9	24.1	-	10.3
18	1	0.4	1	-	0.2	0.4	0	-	0
19	4.8	16.7	61.2	-	1.2	0	0	-	0
20	4.6	11.7	15	-	7.2	3.2	0	-	0
21	0	0	0	-	0	0	0.2	-	0
22	0	0	0.2	-	0	0.2	0	-	0
23	0	0	0	-	0	3.4	3.1	-	1
24	46.6	47.9	56.7	-	73.6	143.3	167.6	-	91.3
25	15	12.2	11.2	-	8.8	8.6	4.6	-	5
26	0	0.4	0.6	-	0	0.2	2.8	-	1.2
27	0.8	3.6	2	-	0	0.2	0	-	0
28	3.1	2	3.8	-	10.6	12.2	6.2	-	0.2
29	0.8	1.8	3.2	-	2.6	1.4	0	-	0
30	5.2	5.9	4.5	-	1.2	1.6	0	-	0
<b>TOT</b>	<b>244</b>	<b>280.7</b>	<b>425.3</b>	<b>-</b>	<b>327.9</b>	<b>419.1</b>	<b>506.7</b>	<b>-</b>	<b>323.7</b>

# Novembre 2019



## Mese di Dicembre

Gior	Fiumefreddo Scalo	Fiumefreddo San Biase	Fiumefreddo Ex Discarica	Domanico SP60	Paterno Calabro	Parenti Favali	Mesoraca - Fratta	Petilia Marrata	Foresta
1	0	0	0.2	-	0	0.4	0.2	0	0
2	0	0	0	-	0	0	0	0	0
3	0	0	0	-	0	0.2	2.4	8.8	17.8
4	0	0	0	-	0	0	0	0.2	0
5	0	0	0	-	0	0.2	6.6	11.1	4.6
6	1.6	2	4.4	-	11.8	7.8	21.4	1.2	19.8
7	1	1.6	1.4	-	2.4	0.4	0.2	0.2	0
8	0	0	0	-	0	0.2	0	0	0
9	2.6	3.4	12.4	-	13.9	7.9	1	0	0
10	5.3	7.4	12.1	-	11.8	13.4	4	17.3	4
11	0	0	0.4	-	0.2	0.2	11.2	5.4	0.6
12	13.2	21.7	29.3	-	19.9	14.2	4.2	0.4	0
13	35	38.3	74.7	-	90.4	49	39.9	30.1	15.4
14	2	1.2	3	-	3.6	7.8	5	9.8	1.6
15	0	0	0.2	-	0	0	0	0	0
16	0	0	0	-	0	0	0	0	0
17	0	0	0	-	0	0	0	0	0
18	0	0	0	-	0	0	1.4	0.8	0
19	0	0	0	-	2.2	31.2	13.6	14.9	0.2
20	2.4	2.5	5.2	-	3.6	2	0.2	0.2	0
21	11.4	9.2	17.8	-	18.8	13.8	8	2.6	0.2
22	6.7	4.4	13.7	-	49.7	65.6	87.9	25.1	26.9
23	24.2	26	23.7	-	49	29.6	23.8	15.6	4
24	0	0	0	-	0	0	1.4	0	0
25	3.8	7	11.6	-	1	1.2	0	0	0
26	0	0.2	0	-	0	0.2	0	0	0
27	0	0	0	-	0	0	0	0	0
28	0	0	0	-	0	0	0.2	0.2	1.6
29	0	0	0.2	-	0	0	0.8	3.2	4
30	0	0	0	-	0	0	0	0	9
31	0	0	0	-	0	0.2	17.6	11.4	0
<b>TOT</b>	<b>109.2</b>	<b>124.9</b>	<b>210.3</b>	<b>-</b>	<b>278.3</b>	<b>245.5</b>	<b>251</b>	<b>158.5</b>	<b>109.7</b>

## Dicembre 2019

