



Agenzia Regionale per la Prevenzione
e Protezione Ambientale del Veneto



Sistema Nazionale
per la Protezione
dell'Ambiente



REGIONE DEL VENETO

MISURE PLUVIOMETRICHE GIORNALIERE DELLA RETE TRADIZIONALE DELL'EX UFFICIO IDROGRAFICO DI VENEZIA

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ARPAV

Direttore Generale

Nicola Dell'Acqua

Direttore Tecnico

Carlo Terrabujo

Dipartimento Regionale per la Sicurezza del Territorio

Alberto Luchetta

Progetto e realizzazione

Servizio Idrologico

Italo Saccardo

Gianmario Egiatti

Foto di copertina: stazione di Cortellazzo (Cà Gamba)

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SOMMARIO

In questo lavoro si espongono le precipitazioni giornaliere registrate alle stazioni della rete tradizionale di osservazione nell'anno 2017 unitamente ad alcune considerazioni sugli afflussi. Nell'anno 2017 si sono registrati afflussi nettamente inferiori alle medie del periodo il che ha provocato condizioni di marcata siccità su tutti i bacini del Veneto.

1 PREMESSA

In questo lavoro vengono pubblicati i dati giornalieri di precipitazione registrati dalle stazioni manuali già dell'ex Ufficio Idrografico di Venezia in continuità con quanto fatto negli anni scorsi sia dall'ARPAV che dalla Regione del Veneto, Direzione Difesa del Suolo, che hanno provveduto a rendere disponibili i dati rilevati nel periodo 1997-2016.

Si ricorda che l'ex Ufficio Idrografico di Venezia, costituito sin dal 1906 nell'ambito della struttura del Magistrato alle Acque di Venezia, aveva il compito di rilevare i parametri meteo, pluvio-idrologici ritenuti indispensabili per una corretta gestione del complesso sistema idrografico del Triveneto, ossia tutta quella rete strettamente interconnessa rappresentata dai fiumi maggiori (Adige, Brenta, Bacchiglione, Piave, Livenza e Tagliamento), dai corsi d'acqua di risorgiva, dalle reti di scolo dei grandi comprensori di bonifica nonché dalle lagune.

Vengono resi disponibili nell'Allegato 1 i dati raccolti dagli osservatori idrografici volontari nel corso dell'anno 2017, per quanto riguarda le misure giornaliere di precipitazione; tali dati rappresentano solamente una parte dell'Annale parte I^a, precisamente la tabella I, relativa alle osservazioni pluviometriche giornaliere; l'ubicazione delle stazioni è riportata nell'allegata tavola.

Si rammenta che, in continuità con il passato, i valori espressi nella tabella I costituiscono la quantità di pioggia (in mm) caduta nell'intervallo di tempo compreso tra le ore 09.00 (ora solare) del giorno precedente e le ore 09.00 (ora solare) del giorno cui si riferisce l'osservazione, assegnando a quest'ultimo il dato registrato (c.f.r. "Annali Idrologici parte 1^a" del Servizio Idrografico e Mareografico Nazionale e "Norme ed istruzioni del Servizio Pluvio-Nivometrico" – pubblicazione n° 40 del Servizio Idrografico, anno 1923) a differenza di quanto normalmente effettuato nella pubblicazioni di dati giornalieri a cura sia di ARPAV, sia di altri, per cui le rilevazioni giornaliere sono comprese tra le 00.00 e le 24.00.

Nella seguente tabella viene riportata la consistenza della rete tradizionale pluviometrica (Tab.1) trasferita ad ARPAV dal 2004; inoltre per facilitare l'individuazione delle stazioni tradizionali ancora funzionanti sul territorio nell'anno 2017 si allega una cartina rappresentativa dell'ubicazione delle medesime.

2 CONSIDERAZIONI SULLE SERIE STORICHE DISPONIBILI

Si sono voluti effettuare alcuni confronti sugli afflussi dell'anno 2017 con le serie storiche di precipitazioni mensili per sei stazioni ubicate in differenti aree climatiche tipiche del Veneto:

- Fortogna, rappresentativa della vallata del Piave;
- Fener per la zona pedemontana;
- Tonezza del Cimone rappresentativa dell'altopiano vicentino;
- Stra per la pianura tra Piave e Brenta;

- Staro per la pedemontana vicentina;
- Bovolenta per l'area tra Brenta ed Adige.

Dal confronto dei dati ricavati per l'anno 2017 con le serie storiche dei dati degli Annali Idrologici si possono trarre le seguenti considerazioni:

- L'anno 2017 è stato caratterizzato da afflussi nettamente inferiori alla norma rispetto alle medie del periodo 1921-2016 su tutto il territorio regionale, con scostamenti compresi tra il - 28,8 % a Staro (VI) ed il - 16,1 % a Fener (BL). In controtendenza è invece risultato il dato di Fortogna (BL) ove gli afflussi sono risultati superiori alla norma del 3,8 %. Particolarmente siccitosi per l'intera regione sono risultati i mesi di gennaio, agosto ed ottobre ove gli afflussi sono risultati nettamente inferiori alle medie del periodo mentre afflussi superiori alla media si sono registrati su tutto il territorio regionale solamente a febbraio e settembre (Fig. 1-6).
- Il trend di riduzione degli afflussi manifestatosi negli ultimi 20 anni si è lievemente incrementato con i dati di questo anno; dagli anni '20 ad oggi le precipitazioni annuali risultano infatti essersi ridotte di circa il 7,2 % a Fortogna (Fig. 7), del 5,3 % a Fener (Fig. 8), del 7,8 % a Staro (Fig. 10) mentre risultano in crescita di circa il + 0,7 % a Tonezza del Cimone (Fig. 9), del + 2,2 % a Bovolenta (Fig. 12) e del + 6,5 % a Stra (Fig. 11).
- L'anno 2017 è stato caratterizzato da un numero di giorni piovosi (ossia con precipitazione > 1,0 mm) nettamente inferiore rispetto alle medie del periodo 1921-2016 su tutto il territorio regionale (Fig. 13-18). Particolarmente siccitosi per l'intera regione sono risultati i mesi di gennaio ed ottobre mentre solamente a febbraio e settembre il numero dei giorni piovosi è risultato chiaramente superiore alla media su tutto il territorio regionale.
- Il trend di riduzione dei giorni piovosi manifestatosi negli ultimi 20 anni si è leggermente incrementato con i dati dell'ultimo anno; dagli anni '20 ad oggi il numero dei giorni piovosi risulta infatti essersi ridotto di circa il 4,1 % a Fortogna (Fig. 19), del 4,6 % a Stra (Fig. 23), del 5,3 % a Bovolenta (Fig. 24) dell'1,5 % a Tonezza del Cimone (Fig. 21) mentre risulta sostanzialmente stabile a Staro (Fig. 22); a Fener (Fig. 20) appare invece in controtendenza essendo in crescita del 7,6 %.

Stazione pluviometrica	2017	Annali Idrologici	Regione Veneto	Arpav	Stazione pluviometrica	2017	Annali Idrologici	Regione Veneto	Arpav
Passo Mauria		1935-1996	1997-2002	2003-11	Mirano		1911-1996	1997-2002	2003-04
Formeniga		1919-1996	1997-2002	2003-04	Cà Emiliani		1995-1996	1997-2002	2003-04
S. Fior		1988-1996	1997-2002	2003-04	Gambarare		1924-1996	1997-2002	2003
Conegliano		1995-1996	1997-2002	2003-04	Dogaletto		1995-1996	1997-2002	2003-04
S. Stefano di Cadore		1910-1996	1997-2002	2003-12	Lova		1995-1996	1997-2002	2003-04
Auronzo di Cadore		1909-1996	1997-2002	2003-04	Rosara di Codevigo		1929-1996	1997-2002	2003-04
Lorenzago di Cadore		1910-1996	1997-2002	2003-11	Bernio (Idrovora)		1972-1996	1997-2002	2003-04
Cortina d'Ampezzo		1919-1996	1997-2002	2003-06	Zuccarello (Idrovora)	x	1939-1996	1997-2002	2003-16
Forno di Zoldo		1914-1996	1997-2002	2003	Cà Pasquali (Tre Porti)		1943-1996	1997-2002	2003-04
Fortogna	x	1923-1996	1997-2002	2003-16	S. Nicolò di Lido		1909-1996	1997-2002	2003-05
Soverzene		1923-1996	1997-2002	2003-06	Chioggia	x	1922-1996	1997-2002	2003-16
Chies d'Alpago		1910-1996	1997-2002	2003-04	Stra	x	1910-1996	1997-2002	2003-16
S. Croce del Lago		1909-1996	1997-2002	2003-13	Tonezza del Cimone	x	1924-1996	1997-2002	2003-16
Belluno		1912-1996	1997-2002	2003-04	Lastebasse		1909-1996	1997-2002	2003-11
S. Antonio di Tortal		1933-1996	1997-2002	2003-04	Asiago		1910-1996	1997-2002	2003-04
Andraz		1921-1996	1997-2002	2003-11	Posina		1911-1996	1997-2002	2003-11
Cencenighe		1919-1996	1997-2002	2003-04	Calvene		1911-1996	1997-2002	2003-04
La Guardia	x	1955-1996	1997-2002	2003-16	Crosara	x	1909-1996	1997-2002	2003-16
Pedavena		1931-1996	1997-2002	2003-13	Starò	x	1919-1996	1997-2002	2003-16
Fener	x	1910-1996	1997-2002	2003-16	Ceolati		1926-1996	1997-2002	2003-04
Valdobbiadene		1941-1996	1997-2002	2003-04	Schio		1909-1996	1997-2002	2003-06
Cison di Valmarino		1929-1996	1997-2002	2003-11	Thiene		1910-1996	1997-2002	2003-04
Sernaglia della Battaglia		1909-1996	1997-2002	2003-04	Villaverla		1986-1996	1997-2002	2003-04
Malafesta		1972-1996	1997-2002	2003-04	Isola Vicentina	x	1912-1996	1997-2002	2003-16
Portogruaro		1909-1996	1997-2002	2003-13	Vicenza		1905-1996	1997-2002	2003-04
Bevazzana		1928-1996	1997-2002	2003-08	Recoaro	x	1919-1996	1997-2002	2003-16
Concordia Sagittaria		1931-1996	1997-2002	2003-13	Castelvecchio		1926-1996	1997-2002	2003-04
Villa Bacino		1931-1996	1997-2002	2003-04	Valdagno		1919-1996	1997-2002	2003-04
Cimadolmo		1995-1996	1997-2002	2003-04	Montecchio Maggiore		1988-1996	1997-2002	2003-04
Oderzo		1919-1996	1997-2002	2003-04	Cavalò Fumane		1989-1996	1997-2002	2003-11
Fontanelle		1910-1996	1997-2002	2003-04	Dolcè		1926-1996	1997-2002	2003-04
Fossà		1926-1996	1997-2002	2003-04	Verona		1927-1996	1997-2002	2003-05
Fiumicino		1919-1996	1997-2002	2003-11	Roverè Veronese		1919-1996	1997-2002	2003
S. Donà di Piave		1910-1996	1997-2002	2003-04	Ferrazza		1925-1996	1997-2002	2003-04
Boccafossa		1926-1996	1997-2002	2003-04	Chiampo	x	1922-1996	1997-2002	2003-11
Staffolo		1926-1996	1997-2002	2003-11	Soave		1923-1996	1997-2002	2003-11
Termine		1922-1996	1997-2002	2003	Camisano		1995-1996	1997-2002	2003
Arsiè		1909-1996	1997-2002	2003-04	Bressanvido		1995-1996	1997-2002	2003-04
Cismon del Grappa		1919-1996	1997-2002	2003-06	Legnaro		1964-1996	1997-2002	2003-04
Foza		1924-1996	1997-2002	2003-11	Bovolenta	x	1911-1996	1997-2002	2003-16
Oliero		1929-1996	1997-2002	2003	S. Margherita di Codevigo		1929-1996	1997-2002	2003-04
Bassano del Grappa		1909-1996	1997-2002	2003-04	Zovencedo		1916-1996	1997-2002	2003-10
Cornuda		1911-1996	1997-2002	2003-04	Lago di Fimon		1992-1996	1997-2002	2003-04
Montebelluna	x	1909-1996	1997-2002	2003-16	Montegaldella		1911-1996	1997-2002	2003-04
Nervesa della Battaglia	x	1924-1996	1997-2002	2003-16	Conetta		1911-1996	1997-2002	2003-13
Istrana		1924-1996	1997-2002	2003-10	Cavanella Motte		1939-1996	1997-2002	2003-06
Villorba		1924-1996	1997-2002	2003-04	Bresegga			1998-2002	2003-11
Treviso		1910-1996	1997-2002	2003-04	Badia Polesine		1911-1996	1997-2002	2003-04
Portesine (Idrovora)		1934-1996	1997-2002	2003-04	Rovigo		1909-1996	1997-2002	2003-07
Lanzoni (Capo Sile)		1931-1996	1997-2002	2003-04	Villadose		1995-1996	1997-2002	2003-04
Cortellazzo (Cà Gamba)	x	1922-1996	1997-2002	2003-16	Botti Barbarighe	x	1928-1996	1997-2002	2003-16
Cittadella		1934-1996	1997-2002	2003-04	Castelmassa		1924-1996	1997-2002	2003-10
Castello di Godego		1995-1996	1997-2002	2003-04	Adria		1982-1996	1997-2002	2003-11
Castelfranco Veneto		1921-1996	1997-2002	2003-04	Porto Viro		1959-1996	1997-2002	2003-04
Piombino Dese		1923-1996	1997-2002	2003	Malcesine		1919-1990		2003-11
Curtarolo		1919-1996	1997-2002	2003-04	Peschiera del Garda	x	1910-1990		2003-16

Tabella 1 – Elenco delle stazioni pluviometriche tradizionali trasferite ad ARPAV dal 2004

Anno	Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic	TOT
1924	102.0	10.0	61.0	142.0	220.0	175.0	197.0	185.0	147.0	94.0	0.0	146.0	1479.0
1925	14.0	297.0	155.0	192.0	152.0	66.0	208.0	168.0	127.0	109.0	111.0	113.0	1712.0
1926	43.0	108.0	76.0	323.0	290.0	266.0	114.0	45.0	169.0	391.0	437.0	7.0	2269.0
1927	194.0	45.0	187.0	153.0	145.0	185.0	135.0	91.0	281.0	71.0	392.0	57.0	1936.0
1928	65.0	3.0	234.0	299.0	130.0	104.0	119.0	110.0	115.0	375.0	219.0	50.0	1823.0
1929	37.0	7.0	0.0	113.0	240.0	152.0	73.0	189.0	48.0	279.0	136.0	192.0	1466.0
1930	39.0	31.0	163.0	216.0	228.0	160.0	285.0	102.0	272.0	94.0	51.0	58.0	1699.0
1931	86.0	224.0	128.0	143.0	172.0	177.0	261.0	137.0	74.0	277.0	310.0	6.0	1995.0
1932	30.0	4.0	61.0	147.0	225.0	130.0	251.0	135.0	125.0	204.0	108.0	69.0	1489.0
1933	35.0	5.0	86.0	55.0	227.0	228.0	100.0	114.0	178.0	312.0	195.0	87.0	1622.0
1934	84.0	61.0	308.0	173.0	162.0	241.0	100.0	232.0	100.0	98.0	329.0	160.0	2048.0
1935	20.0	146.0	12.0	225.0	336.0	60.0	63.0	200.0	100.0	339.0	304.0	224.0	2029.0
1936	173.0	198.0	130.0	222.0	180.0	143.0	140.0	68.0	104.0	39.0	130.0	51.0	1578.0
1937	56.0	80.0	362.0	92.0	175.0	231.0	127.0	205.0	342.0	224.0	66.0	130.0	2090.0
1938	15.0	19.0	19.0	21.0	174.0	341.0	127.0	85.0	99.0	130.0	217.0	121.0	1368.0
1939	159.0	27.0	7.0	161.0	158.0	188.0	138.0	122.0	181.0	167.0	91.0	113.0	1512.0
1940	9.0	9.0	115.0	50.0	231.0	105.0	234.0	86.0	163.0	259.0	248.0	0.0	1509.0
1941	160.0	142.0	100.0	193.0	277.0	166.0	112.0	140.0	48.0	21.0	197.0	24.0	1580.0
1942	5.0	46.0	34.0	79.0	112.0	164.0	137.0	92.0	267.0	92.0	123.0	110.0	1261.0
1943	9.0	31.0	50.0	41.0	132.0	110.0	147.0	127.0	164.0	48.0	52.0	68.0	979.0
1944	2.0	35.0	12.0	51.0	152.0	250.0	138.0	67.0	89.0	221.0	98.0	100.0	1215.0
1945	35.0	3.0	69.0	38.0	103.0	91.0	79.0	249.0	117.0	28.0	39.0	208.0	1059.0
1946	78.0	3.0	189.0	40.0	145.0	290.0	189.0	86.0	55.0	35.0	108.0	34.0	1252.0
1947	11.0	197.0	349.0	75.0	93.0	105.0	182.0	129.0	105.0	14.0	142.0	130.0	1532.0
1948	203.0	27.0	0.0	122.0	189.0	179.0	150.0	204.0	40.0	141.0	57.0	11.0	1323.0
1949	118.0	0.0	12.0	99.0	191.0	98.0	83.0	96.0	48.0	67.0	376.0	50.0	1238.0
1950	19.0	139.0	9.0	247.0	65.0	184.0	66.0	145.0	117.0	51.0	245.0	199.0	1486.0
1951	255.3	436.0	198.1	153.6	96.8	201.8	100.6	102.8	89.6	66.4	525.6	38.1	2264.7
1952	42.8	45.0	44.7	185.0	113.6	165.2	105.6	138.6	284.4	336.0	134.8	74.5	1670.2
1953	29.2	22.2	0.0	172.4	62.0	221.3	161.9	146.7	143.8	410.2	23.2	119.8	1512.7
1954	31.0	56.8	188.4	96.8	150.6	256.2	168.4	185.8	118.0	104.0	62.6	251.0	1669.6
1955	40.3	156.2	67.2	0.8	193.6	145.4	191.1	79.9	160.5	119.0	85.7	56.2	1295.9
1956	71.5	4.6	114.5	351.5	97.6	219.9	197.9	104.7	173.3	187.0	63.0	4.6	1590.1
1957	82.3	115.8	24.4	110.3	120.7	196.2	233.2	78.5	62.2	103.5	224.2	177.4	1528.7
1958	45.4	143.4	16.1	169.1	107.0	208.0	142.9	111.0	75.8	192.0	262.6	335.3	1808.6
1959	16.0	0.0	132.0	238.5	141.5	118.1	59.8	95.5	19.4	201.8	296.8	300.2	1619.6
1960	83.2	143.6	160.8	61.2	71.2	182.8	202.6	206.8	212.6	407.0	160.4	410.8	2303.0
1961	111.0	17.0	19.6	123.6	160.4	199.4	178.4	42.4	47.6	162.0	267.2	66.0	1394.6
1962	136.4	23.7	115.1	167.2	253.8	83.4	213.4	41.0	39.4	80.2	369.0	49.0	1571.6
1963	70.8	70.7	115.4	137.0	140.8	178.0	104.0	272.7	175.8	91.6	450.6	48.6	1856.0
1964	0.6	26.4	127.6	114.8	70.0	249.0	141.6	147.8	26.8	392.0	97.6	170.0	1564.2
1965	81.4	0.0	117.4	163.6	150.4	122.2	192.6	195.8	496.2	0.6	141.0	88.2	1749.4
1966	21.2	107.4	38.8	99.4	120.6	138.8	175.8	330.4	68.2	272.4	280.6	120.6	1774.2
1967	6.6	71.9	75.2	211.8	154.6	145.8	30.6	160.2	192.8	101.2	270.0	8.0	1428.7
1968	4.6	197.6	39.8	130.4	220.6	204.6	69.6	242.0	181.2	28.2	298.7	39.0	1656.3
1969	155.3	82.4	38.8	51.0	92.7	156.2	53.6	139.8	74.2	8.2	382.7	15.8	1250.7
1970	124.5	22.3	73.6	150.2	104.8	162.2	205.4	163.6	124.4	49.8	292.6	106.2	1579.6
1971	111.2	124.4	142.4	94.4	245.0	193.0	69.2	102.6	46.6	18.4	249.8	31.4	1428.4
1972	82.5	141.6	84.0	253.2	155.3	298.9	185.4	59.2	85.3	66.9	52.4	110.2	1574.9
1973	73.5	30.4	14.0	160.2	60.5	177.6	142.3	71.3	223.4	153.3	38.0	111.6	1256.1
1974	20.0	98.4	153.4	111.2	70.8	198.4	111.8	113.0	157.6	76.7	89.8	2.8	1203.9
1975	75.2	13.6	233.0	188.4	274.8	161.4	74.0	154.6	74.0	93.8	144.8	131.8	1619.4
1976	1.8	33.4	4.2	149.8	115.4	26.6	169.6	67.8	290.6	259.4	157.4	105.2	1381.2
1977	334.0	139.6	136.2	53.4	236.4	122.6	197.4	204.8	30.2	21.0	64.2	51.1	1590.9
1978	246.6	169.4	54.8	173.4	191.0	142.4	235.8	96.4	99.9	261.5	35.0	113.0	1819.2
1979	222.6	131.4	288.9	172.9	61.0	267.4	120.7	119.4	143.6	231.0	150.8	158.3	2068.0
1980	93.3	28.8	154.6	30.3	92.7	284.2	190.3	75.9	35.9	373.0	74.6	59.2	1492.8
1981	1.0	0.2	150.2	60.9	153.6	142.0	279.6	92.2	205.5	200.3	0.0	149.6	1435.1
1982	41.4	14.2	35.6	26.2	155.4	160.6	58.0	174.2	126.0	217.2	210.6	152.0	1371.4
1983	2.2	22.2	83.2	111.8	185.8	121.2	50.6	111.0	108.0	119.4	14.6	255.6	1185.6
1984	25.6	123.8	135.0	86.0	318.8	155.2	77.6	113.0	240.4	140.4	79.6	147.4	1642.8
1985	191.4	7.6	194.4	133.6	187.8	212.2	94.8	139.2	27.0	32.2	157.2	116.0	1493.4
1986	32.0	151.2	55.4	242.6	135.2	159.2	78.8	169.8	61.6	52.4	54.8	40.2	1233.2
1987	53.6	183.4	58.5	131.6	225.2	194.8	174.6	147.8	57.8	312.4	240.4	25.4	1805.5
1988	149.8	91.8	30.1	105.9	155.0	145.4	151.9	102.4	52.0	141.0	6.0	62.6	1193.9
1989	0.0	133.0	64.4	325.8	40.8	114.2	236.6	147.8	58.4	6.8	110.5	58.0	1296.3
1990	62.4	7.6	49.8	130.4	49.0	168.4	132.4	87.0	89.0	140.4	221.6	133.4	1271.4
1991	28.2	54.6	99.5	65.9	147.5	127.5	143.6	123.8	172.0	116.0	211.2	1.6	1239.8
1992	19.9	8.5	175.8	174.1	71.0	133.6	165.8	92.2	100.4	388.8	109.0	309.8	1748.9
1993	0.0	0.6	23.8	50.0	38.4	142.0	160.3	76.0	175.0	448.0	63.4	65.4	1242.9
1994	103.8	47.2	25.8	170.6	159.6	83.2	103.3	171.8	305.6	92.3	88.8	32.4	1384.4
1995	47.4	68.4	44.6	92.8	160.6	211.6	134.4	94.6	213.2	0.0	44.2	98.4	1210.2
1996	81.8	25.0	7.0	49.0	208.0	111.0	120.0	223.8	63.2	333.8	308.8	65.0	1596.4
1997	80.2	2.9	12.2	51.4	139.2	296.0	102.8	166.5	58.4	10.6	281.6	187.6	1389.4
1998	35.4	10.0	5.8	227.4	87.0	180.3	202.7	119.7	217.7	263.4	34.6	8.6	1392.6
1999	76.8	5.6	118.6	120.6	132.6	125.8	127.6	196.0	112.2	183.4	59.0	59.2	1317.4
2000	0.0	8.6	167.0	125.0	101.0	81.2	190.0	97.6	153.4	405.2	606.0	119.6	2054.6
2001	250.6	13.6	284.2	136.8	57.0	69.8	176.6	110.8	170.0	41.8	50.2	0.0	1361.4
2002	22.0	99.6	70.6	163.6	241.0	231.0	171.0	204.6	155.8	125.8	378.4	88.4	1951.8
2003	52.0	3.0	3.2	101.4	110.6	87.6	126.6	77.4	48.4	124.2	343.8	123.6	1201.8
2004	5.0	79.2	66.0	113.4	259.2	199.0	140.4	98.2	126.0	234.0	91.0	111.0	1522.4
2005	3.2	2.0	17.6	164.8	94.6	161.0	216.8	182.0	120.0	205.4	50.8	84.8	1303.0
2006	22.6	69.4	94.6	168.2	131.6	81.8	88.2	279.4	110.6	99.4	16.6	150.2	1312.6
2007	121.0	59.0	143.6	18.2	110.0	113.0	109.4	160.0	143.6	46.2	149.6	5.8	1179.4
2008	198.0	63.0	84.2	156.4	186.8	151.4	132.4	103.6	94.8	149.2	247.2	227.6	1794.6
2009	136.0	141.2	191.6	154.2	59.6	158.2	126.0	104.2	178.6	55.6	120.6	241.0	1666.8
2010	51.4	77.6	58.2	37.0	243.0	136.2	44.6	114.0	192.0	188.4	383.0	222.8	1748.2
2011	42.8	39.4	115.2	19.2	169.4	273.0	176.6	131.2	132.8	191.4	114.4	57.4	1462.8

Anno	Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic	TOT
1921	72.0	34.0	33.0	131.0	137.0	29.0	59.0	129.0	33.0	9.0	3.0	0.0	669.0
1922	50.0	21.0	317.0	157.0	29.0	187.0	54.0	25.0	191.0	262.0	11.0	332.0	1636.0
1923	38.0	42.0	78.0	311.0	135.0	212.0	58.0	54.0	232.0	78.0	204.0	107.0	1549.0
1924	64.0	35.0	105.0	221.0	274.0	124.0	221.0	217.0	180.0	157.0	0.0	80.0	1678.0
1925	4.0	249.0	172.0	171.0	176.0	132.0	258.0	142.0	68.0	99.0	122.0	100.0	1693.0
1926	43.0	116.0	48.0	228.0	336.0	335.0	154.0	53.0	93.0	286.0	318.0	26.0	2036.0
1927	279.0	65.0	195.0	43.0	176.0	181.0	120.0	52.0	151.0	121.0	250.0	135.0	1768.0
1928	79.0	0.0	321.0	196.0	84.0	80.0	33.0	141.0	117.0	301.0	163.0	31.0	1546.0
1929	60.0	12.0	0.0	75.0	211.0	51.0	30.0	95.0	50.0	186.0	133.0	169.0	1072.0
1930	75.0	84.0	225.0	324.0	182.0	89.0	282.0	218.0	191.0	59.0	59.0	44.0	1832.0
1931	30.0	202.0	97.0	107.0	246.0	161.0	81.0	156.0	49.0	232.0	390.0	0.0	1751.0
1932	5.0	60.0	86.0	195.0	193.0	131.0	272.0	32.0	139.0	124.0	135.0	103.0	1475.0
1933	59.0	19.0	86.0	77.0	200.0	202.0	83.0	123.0	153.0	204.0	212.0	71.0	1489.0
1934	50.0	60.0	207.0	210.0	164.0	169.0	98.0	163.0	144.0	77.0	292.0	179.0	1813.0
1935	28.0	113.0	35.0	114.0	219.0	63.0	70.0	129.0	70.0	387.0	245.0	178.0	1651.0
1936	159.0	142.0	135.0	152.0	146.0	142.0	100.0	71.0	122.0	33.0	87.0	81.0	1370.0
1937	29.0	60.0	303.0	179.0	182.0	178.0	207.0	286.0	352.0	227.0	59.0	108.0	2170.0
1938	8.0	7.0	1.0	21.0	206.0	169.0	119.0	175.0	191.0	136.0	182.0	128.0	1343.0
1939	116.0	30.0	20.0	185.0	213.0	150.0	101.0	81.0	267.0	166.0	131.0	81.0	1541.0
1940	15.0	24.0	75.0	57.0	325.0	210.0	120.0	61.0	193.0	354.0	203.0	1.0	1638.0
1941	221.0	174.0	146.0	232.0	221.0	247.0	179.0	126.0	16.0	102.0	247.0	31.0	1942.0
1942	6.0	78.0	53.0	103.0	170.0	124.0	174.0	138.0	193.0	52.0	85.0	131.0	1307.0
1943	11.0	47.0	44.0	34.0	144.0	131.0	89.0	34.0	232.0	51.0	63.0	79.0	959.0
1944	3.0	75.0	11.0	54.0	99.0	165.0	135.0	43.0	86.0	392.0	94.0	73.0	1230.0
1945	88.0	8.0	74.0	40.0	98.0	100.0	68.0	253.0	60.0	27.0	62.0	178.0	1056.0
1946	126.0	0.0	195.0	65.0	187.0	241.0	174.0	68.0	53.0	29.0	107.0	50.0	1295.0
1947	13.0	264.0	265.0	63.0	228.0	168.0	179.0	61.0	140.0	21.0	127.0	108.0	1637.0
1948	396.0	47.0	0.0	132.0	375.0	157.0	144.0	150.0	108.0	152.0	38.0	7.0	1706.0
1949	95.0	0.0	26.0	136.0	184.0	67.0	97.0	26.0	50.0	85.0	393.0	58.0	1217.0
1950	38.0	122.0	11.0	257.0	106.0	130.0	94.0	82.0	141.0	73.0	249.0	203.0	1506.0
1951	270.5	382.4	146.4	130.3	78.2	93.5	72.4	69.5	127.0	157.0	504.0	46.9	2078.1
1952	36.0	38.3	41.0	169.8	130.0	69.4	75.3	104.0	95.0	282.7	138.0	66.3	1245.8
1953	40.0	13.0	0.0	111.1	44.5	283.0	304.9	104.4	176.9	395.5	20.0	67.9	1561.2
1954	61.3	88.1	189.1	109.6	187.9	250.3	113.6	139.5	72.3	86.8	78.2	135.9	1512.6
1955	26.5	120.0	64.8	0.5	129.8	109.4	136.8	122.7	161.0	143.9	136.4	79.2	1231.0
1956	67.7	15.5	207.3	310.0	90.9	198.7	135.5	80.7	152.7	130.2	85.7	11.0	1485.9
1957	99.4	179.6	18.7	120.4	131.1	108.1	268.5	64.7	51.6	99.3	260.6	178.0	1580.0
1958	53.0	106.5	39.0	240.0	76.7	198.7	92.5	69.0	77.5	164.0	300.1	280.0	1697.0
1959	13.0	0.0	144.5	313.6	172.7	129.5	160.8	103.6	45.0	230.0	350.0	311.0	1973.7
1960	39.8	193.8	179.7	42.9	48.1	247.1	188.9	217.9	241.1	391.5	201.5	264.0	2256.3
1961	131.7	9.5	2.4	154.8	163.6	158.9	154.0	26.4	24.5	182.5	255.0	72.7	1336.0
1962	90.8	30.5	115.3	145.3	220.5	169.5	49.9	5.1	40.7	103.9	329.5	55.0	1356.0
1963	84.4	71.5	110.4	157.6	141.2	221.7	112.2	250.6	163.3	72.3	301.9	66.6	1753.7
1964	0.0	23.2	161.2	121.8	73.0	138.5	79.0	168.9	77.8	412.4	94.9	231.5	1582.2
1965	89.2	0.7	141.0	183.6	166.1	187.7	188.0	161.2	416.3	0.0	191.9	62.1	1787.8
1966	42.2	121.6	20.3	133.5	110.9	119.7	149.4	392.2	59.5	331.0	255.5	72.6	1808.4
1967	7.8	110.4	67.4	187.2	164.5	272.2	59.5	74.3	153.2	65.3	263.6	6.4	1431.8
1968	2.4	252.9	24.0	59.5	195.9	278.0	63.2	289.9	216.1	23.4	266.5	69.9	1741.7
1969	144.8	117.0	60.8	50.0	95.0	139.5	40.1	163.3	96.8	4.6	178.8	33.9	1124.6
1970	184.5	43.0	109.8	99.9	122.3	132.3	143.5	170.2	51.1	33.4	265.2	112.8	1468.0
1971	121.9	159.4	197.7	148.9	153.3	127.0	52.8	70.9	21.7	24.8	235.0	42.7	1356.1
1972	135.8	259.4	110.3	186.4	174.6	304.6	203.7	39.9	44.8	65.2	49.3	78.8	1652.8
1973	91.5	31.1	6.1	183.3	43.5	124.1	108.6	48.0	196.0	182.7	41.7	108.2	1164.8
1974	17.5	142.0	177.7	226.0	98.0	200.8	58.5	85.6	228.7	105.5	86.5	0.0	1426.8
1975	63.2	14.2	272.7	170.1	231.3	140.5	67.8	123.5	115.6	107.3	156.9	140.7	1603.8
1976	9.5	56.7	6.6	258.4	100.3	110.5	131.0	100.0	296.7	411.4	144.6	115.5	1741.2
1977	288.2	147.2	203.6	67.6	240.7	101.9	82.1	174.1	24.7	30.9	74.4	99.9	1535.3
1978	332.1	267.4	60.3	242.1	225.5	112.6	145.3	114.6	40.5	214.6	50.6	103.7	1909.3
1979	195.0	119.7	303.6	183.8	33.2	235.8	70.0	131.9	153.3	263.1	130.8	135.5	1955.7
1980	85.5	29.3	128.1	26.9	201.4	207.1	164.8	24.7	47.5	285.5	121.5	42.5	1364.8
1981	0.5	0.0	197.3	57.1	152.5	93.4	214.4	142.5	335.8	195.3	0.4	162.2	1551.4
1982	22.1	22.5	59.0	7.2	191.7	113.0	74.8	248.1	70.4	196.6	390.9	112.6	1508.9
1983	0.0	20.4	138.3	105.7	191.0	84.2	78.4	88.7	98.6	115.2	3.3	281.6	1205.4
1984	20.8	138.1	156.9	95.6	298.8	118.7	25.5	181.6	137.7	173.4	77.3	91.0	1515.4
1985	229.6	3.2	204.4	75.9	216.2	163.7	41.1	143.1	7.8	17.6	99.6	63.8	1266.0
1986	85.3	168.5	61.8	116.0	96.0	161.9	140.3	114.3	65.4	36.3	68.1	30.6	1144.5
1987	83.9	259.6	42.2	117.6	154.8	144.2	132.1	166.0	33.7	295.3	170.2	35.6	1635.2
1988	106.6	55.4	26.6	167.0	174.4	228.6	82.2	73.4	69.4	210.0	10.2	93.8	1297.6
1989	0.0	112.4	60.2	342.4	64.4	207.4	175.6	194.0	126.6	5.0	102.0	23.4	1413.4
1990	45.4	5.2	35.8	149.0	91.6	110.8	115.4	42.2	47.0	138.4	210.6	147.5	1138.9
1991	24.2	55.4	133.8	118.0	186.0	101.1	83.4	142.6	126.0	142.8	158.0	0.0	1271.3
1992	30.7	13.8	68.8	234.6	40.4	182.7	161.6	44.2	69.0	364.0	89.8	223.4	1523.0
1993	0.0	0.4	51.0	78.4	77.2	161.8	137.1	70.2	188.8	360.2	83.6	66.6	1275.3
1994	112.5	47.6	21.6	145.0	151.0	103.2	69.2	63.2	285.0	93.2	97.8	44.6	1233.9
1995	59.2	61.2	52.6	120.4	264.6	260.0	149.2	144.0	247.6	0.0	53.8	151.0	1563.6
1996	101.8	38.4	12.8	72.8	184.4	96.2	151.6	263.2	61.0	259.6	226.8	76.8	1545.4
1997	92.9	0.2	8.8	81.0	72.6	165.4	108.2	105.5	37.6	40.2	279.2	210.6	1202.2
1998	40.4	16.8	9.6	302.4	85.6	159.3	130.0	49.0	158.2	327.6	21.2	4.6	1304.7
1999	57.2	5.6	131.4	138.0	140.0	176.6	141.7	139.1	144.4	212.4	151.0	61.8	1499.2
2000	0.0	0.8	110.7	134.4	83.6	134.2	92.6	99.0	108.2	337.2	544.6	83.6	1728.9
2001	164.6	15.0	323.7	109.2	61.2	41.6	193.2	156.0	212.6	57.2	61.4	0.2	1395.9
2002	21.4	97.2	48.6	158.6	270.7	187.4	164.2	206.8	163.0	105.4	299.2	63.2	1785.7
2003	73.6	1.2	3.6	88.4	30.8	136.9	39.8	68.0	51.6	94.8	236.8	130.2	955.7
2004	19.6	132.6	104.0	77.8	253.0	130.8	79.2	172.8	109.4	177.5	100.8	131.0	1488.5
2005	4.8	16.6	22.4	166.0	75.6	131.6	130.8	97.4	129.6	194.6	132.2	80.4	1182.0
2006	55.1	52.6	57.9	139.2	134.2	26.4	52.0	220.8	137.4	28.0	9.4	131.4	1044.4
2007	91.6	37.0	119.6	11.0	137.0	131.8	103.6	138.8	125.4	67.2	123.6	5.6	1092.2
2008	157.0	47.8	86.2	199.6	228.8	177.4	129.2	97.6	141.4	111.6	230.0	314.6	1921.2
2009	156.0	120.4	200.2	170									

Anno	Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic	TOT
1925	5.0	254.0	164.0	145.0	110.0	47.0	176.0	106.0	70.0	96.0	131.0	92.0	1396.0
1926	80.0	122.0	73.0	244.0	267.0	191.0	129.0	61.0	87.0	241.0	530.0	11.0	2036.0
1927	218.0	57.0	164.0	33.0	131.0	279.0	114.0	33.0	170.0	61.0	305.0	133.0	1698.0
1928	107.0	0.0	220.0	180.0	100.0	101.0	47.0	81.0	148.0	379.0	283.0	50.0	1696.0
1929	66.0	14.0	3.0	120.0	221.0	99.0	50.0	91.0	16.0	176.0	126.0	157.0	1139.0
1930	47.0	68.0	154.0	171.0	194.0	207.0	162.0	111.0	176.0	38.0	29.0	72.0	1429.0
1931	36.0	202.0	101.0	104.0	249.0	98.0	38.0	87.0	90.0	207.0	316.0	7.0	1535.0
1932	18.0	25.0	65.0	138.0	207.0	83.0	279.0	22.0	98.0	142.0	86.0	97.0	1260.0
1933	76.0	48.0	49.0	80.0	242.0	218.0	55.0	104.0	159.0	180.0	222.0	97.0	1530.0
1934	52.0	66.0	259.0	193.0	128.0	162.0	108.0	221.0	205.0	57.0	352.0	149.0	1952.0
1935	60.0	131.0	18.0	147.0	353.0	58.0	68.0	186.0	32.0	539.0	285.0	270.0	2147.0
1936	176.0	143.0	172.0	210.0	150.0	159.0	70.0	70.0	113.0	28.0	83.0	98.0	1472.0
1937	61.0	79.0	342.0	151.0	181.0	183.0	159.0	248.0	363.0	364.0	60.0	84.0	2275.0
1938	2.0	17.0	0.0	27.0	255.0	223.0	168.0	131.0	153.0	118.0	174.0	160.0	1428.0
1939	126.0	34.0	21.0	200.0	219.0	121.0	45.0	159.0	389.0	197.0	149.0	76.0	1736.0
1940	18.0	28.0	74.0	47.0	324.0	255.0	184.0	99.0	128.0	354.0	322.0	2.0	1835.0
1941	165.0	172.0	135.0	222.0	341.0	194.0	105.0	99.0	59.0	103.0	186.0	17.0	1798.0
1942	10.0	98.0	39.0	124.0	63.0	106.0	118.0	50.0	280.0	128.0	124.0	145.0	1285.0
1943	27.0	44.0	63.0	31.0	214.0	124.0	179.0	36.0	191.0	128.0	53.0	85.0	1175.0
1944	4.0	56.0	29.0	61.0	127.0	172.0	177.0	75.0	89.0	318.0	70.0	50.0	1228.0
1946	100.0	5.0	233.0	81.0	207.0	269.0	139.0	149.0	47.0	36.0	100.0	47.0	1413.0
1947	10.0	234.0	226.0	85.0	193.0	130.0	111.0	102.0	220.0	53.0	124.0	129.0	1617.0
1948	228.0	56.0	2.0	147.0	307.0	114.0	99.0	157.0	139.0	202.0	31.0	11.0	1493.0
1949	101.0	0.0	17.0	148.0	279.0	134.0	151.0	44.0	68.0	68.0	330.0	59.0	1399.0
1950	32.0	165.0	15.0	293.0	83.0	91.0	115.0	132.0	163.0	52.0	168.0	220.0	1529.0
1951	266.7	403.4	174.4	113.4	147.1	122.0	138.0	69.6	123.4	125.6	502.0	47.7	2233.3
1952	28.4	41.7	38.4	149.8	161.4	65.5	78.8	137.0	173.2	197.2	114.7	89.1	1275.2
1953	21.4	14.7	0.0	168.0	35.2	257.5	238.6	110.8	183.6	680.3	12.8	42.2	1765.1
1954	65.0	78.8	181.3	116.8	264.0	228.4	146.6	228.3	60.6	50.8	85.5	205.3	1711.4
1955	36.8	105.7	98.7	0.4	110.8	113.9	97.8	110.4	162.4	100.0	103.6	70.0	1110.5
1956	72.0	12.2	141.4	344.8	137.0	222.8	205.7	67.0	160.7	124.0	87.8	9.0	1584.4
1957	101.4	132.8	49.2	104.6	196.2	174.6	307.6	72.6	62.0	114.2	308.8	183.8	1807.8
1958	45.3	123.8	48.9	337.7	62.0	166.6	101.5	115.8	55.0	265.0	231.1	308.0	1860.7
1959	20.2	7.6	159.1	236.3	197.4	101.4	196.2	110.6	66.6	316.8	352.6	316.0	2080.8
1960	88.2	173.6	140.0	52.4	58.0	129.8	233.0	219.4	508.0	442.4	211.0	285.8	2541.6
1961	144.2	20.0	4.0	144.2	128.1	110.2	107.0	37.0	4.0	159.0	299.0	50.4	1207.1
1962	71.6	45.2	72.2	175.4	200.4	141.8	66.0	34.2	20.2	79.6	396.2	59.8	1362.6
1963	104.4	77.7	139.2	245.0	306.6	243.0	62.0	371.0	192.4	83.2	382.6	88.6	2295.7
1964	6.4	34.2	187.8	172.4	77.6	230.2	94.2	122.2	18.2	362.8	87.6	198.0	1591.6
1965	93.0	3.8	129.4	143.8	206.6	196.4	188.8	252.0	531.6	5.6	150.6	45.2	1946.8
1966	30.4	154.9	30.4	99.2	137.1	100.6	259.2	288.8	108.4	570.7	399.4	76.0	2255.1
1967	6.1	107.2	85.6	209.6	204.1	173.7	64.6	112.0	317.5	42.0	243.0	18.4	1583.8
1968	10.4	211.8	45.4	92.8	208.2	356.2	133.4	287.8	180.2	31.2	338.0	77.4	1972.8
1969	130.8	132.8	48.0	72.0	138.4	182.2	49.4	129.8	147.2	5.6	198.4	41.4	1276.0
1970	175.6	63.2	109.4	123.2	154.6	127.8	67.8	276.8	40.8	42.6	211.4	97.0	1490.2
1971	136.0	118.4	168.9	70.0	247.0	205.6	190.2	86.0	29.4	18.2	212.8	50.4	1532.9
1972	177.4	240.0	145.8	208.8	198.8	200.0	211.0	93.4	86.2	67.8	39.2	88.0	1756.4
1973	123.7	24.2	9.0	188.7	61.7	209.0	232.2	127.0	205.2	215.5	32.0	153.9	1582.1
1974	35.2	186.2	135.2	184.6	104.4	187.4	68.8	82.6	167.8	94.4	87.0	2.4	1336.0
1976	12.2	56.2	4.3	128.6	105.4	46.0	161.9	135.0	309.0	488.6	200.8	83.2	1731.2
1977	286.8	143.0	181.0	36.9	310.8	116.2	160.6	150.8	56.6	77.6	39.2	99.8	1659.3
1978	292.2	227.1	61.3	150.8	246.0	189.8	123.0	67.8	44.8	311.4	12.2	105.1	1831.5
1979	139.4	137.1	241.9	158.7	53.4	181.8	63.0	219.6	303.2	299.8	106.6	156.3	2060.8
1980	74.5	31.6	127.4	25.4	175.0	185.8	81.8	65.2	14.3	468.0	88.4	38.2	1375.6
1981	1.8	2.8	200.4	69.0	309.4	136.2	266.6	100.4	297.4	219.6	3.0	146.0	1752.6
1982	29.2	14.0	53.4	20.4	203.6	115.0	115.0	178.0	78.8	256.4	170.6	95.4	1329.8
1983	0.0	20.8	145.8	127.0	293.4	69.6	105.4	134.4	114.2	84.4	2.8	194.4	1292.2
1984	29.8	122.8	87.2	123.6	355.6	103.8	30.2	173.0	276.8	205.6	116.8	130.2	1755.4
1985	243.0	6.6	278.2	78.6	233.0	101.2	21.4	141.2	54.0	135.8	110.2	57.8	1461.0
1986	78.6	151.0	66.6	243.4	130.6	150.6	109.0	96.2	53.6	40.6	61.2	26.4	1207.8
1987	65.0	237.0	36.8	142.6	168.4	168.2	206.6	199.8	39.6	353.4	155.0	84.0	1856.4
1988	130.8	55.4	28.0	191.2	193.0	249.5	91.4	145.8	28.2	167.0	8.0	76.4	1364.7
1989	0.0	171.9	62.6	334.4	85.8	186.2	182.0	85.4	85.4	10.0	102.2	43.0	1348.9
1990	45.6	10.6	41.2	178.4	73.6	128.8	61.0	59.7	80.8	131.8	198.8	121.0	1131.3
1991	48.6	47.6	165.4	101.2	149.7	168.0	174.0	67.2	162.2	226.4	148.0	0.2	1458.5
1992	42.4	17.2	59.2	289.6	54.2	296.6	258.0	93.2	129.4	475.0	86.2	211.2	2012.2
1993	0.0	0.2	78.2	90.4	88.8	127.2	102.0	81.2	359.6	629.8	102.4	61.4	1721.2
1994	141.8	50.2	44.0	184.4	175.8	65.4	120.8	60.2	340.4	103.6	148.6	42.6	1477.8
1995	44.2	72.0	58.2	168.2	257.6	187.6	66.2	75.6	265.6	0.8	80.8	185.4	1462.2
1996	186.6	34.2	31.2	89.0	206.6	93.4	184.8	237.2	53.6	358.6	388.8	111.6	1975.6
1997	116.0	0.8	4.4	55.6	84.8	281.8	115.4	114.6	35.0	20.0	331.6	191.2	1351.2
1998	48.4	25.6	14.2	291.2	136.0	127.4	136.6	58.2	286.8	370.2	33.2	12.0	1539.8
1999	90.8	18.4	140.8	214.8	133.8	136.2	97.6	129.6	360.8	262.2	139.4	63.6	1788.0
2000	1.6	3.8	177.2	171.0	101.8	118.8	87.2	140.8	162.4	477.4	591.8	63.8	2097.6
2001	165.0	55.2	281.2	117.4	99.8	48.0	91.0	105.6	193.0	60.2	49.8	8.4	1274.6
2002	22.8	129.8	70.0	162.6	414.4	172.4	259.0	211.8	111.4	121.6	576.0	80.2	2332.0
2003	64.8	3.4	3.6	84.4	75.0	142.0	77.6	58.6	31.0	165.2	348.2	126.4	1180.2
2004	24.0	143.8	151.2	136.8	228.2	123.6	76.4	65.4	68.2	246.8	200.0	165.2	1629.6
2005	9.6	25.2	38.6	152.6	95.4	119.8	95.8	153.2	195.4	216.0	87.2	83.0	1271.8
2006	102.6	69.6	74.8	108.4	83.6	52.2	56.2	220.2	168.6	37.2	31.0	148.0	1152.4
2007	71.4	32.2	130.2	13.4	275.8	125.0	83.8	324.6	119.4	104.8	181.2	4.2	1466.0
2008	158.8	42.6	76.2	207.0	206.2	122.0	126.0	117.6	109.2	109.8	318.4	340.4	1934.2
2009	104.0	177.0	177.0	273.0	16.4	128.8	111.6	39.2	169.4	82.4	170.2	241.0	1690.0
2010	77.4	116.0	106.2	72.6	324.6	165.4	88.4	254.4	207.2	258.8	586.0	285.0	2542.0
2011	45.8	81.4	160.4	29.4	106.0	235.4	82.0	62.4	119.0	154.0	210.4	41.8	1328.0
2012	19.0	14.0	15.2	265.8	173.8	121.4	90.4	56.2	175.6	252.2	441.4	54.0	1679.0
2013	84.8	86.2	247.4	221.4	499.2	122.4	73.2	95.8	46.6	200.0	177.6	171.2	2025.8
2014	346.2	414.4	146.0	159.0	103.8	153.6	336.0	237.4	68.6	110.0	526.2	167.4	2768

Anno	Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic	TOT
1921	30.0	24.0	48.0	223.0	164.0	63.0	148.0	78.0	30.0	1.0	3.0	8.0	820.0
1922	100.0	40.0	230.0	230.0	56.0	278.0	35.0	53.0	351.0	258.0	10.0	420.0	2061.0
1923	13.0	30.0	95.0	500.0	147.0	370.0	75.0	100.0	125.0	310.0	312.0	40.0	2117.0
1924	152.0	66.0	124.0	233.0	250.0	161.0	183.0	276.0	174.0	223.0	1.0	195.0	2038.0
1925	10.0	290.0	214.0	247.0	273.0	165.0	298.0	151.0	74.0	195.0	214.0	45.0	2176.0
1926	122.0	204.0	179.0	298.0	449.0	200.0	225.0	68.0	175.0	464.0	696.0	58.0	3138.0
1927	371.0	68.0	256.0	29.0	179.0	299.0	108.0	60.0	232.0	85.0	364.0	192.0	2243.0
1928	125.0	3.0	637.0	176.0	201.0	59.0	2.0	87.0	181.0	539.0	454.0	62.0	2526.0
1929	123.0	16.0	4.0	189.0	127.0	108.0	67.0	81.0	28.0	236.0	167.0	159.0	1305.0
1930	147.0	152.0	240.0	261.0	272.0	268.0	179.0	220.0	221.0	68.0	126.0	112.0	2266.0
1931	70.0	579.0	178.0	176.0	362.0	76.0	33.0	97.0	119.0	310.0	700.0	3.0	2703.0
1932	22.0	17.0	69.0	195.0	290.0	193.0	330.0	28.0	101.0	208.0	123.0	193.0	1769.0
1933	96.0	54.0	105.0	143.0	266.0	270.0	75.0	123.0	137.0	228.0	272.0	117.0	1886.0
1934	97.0	81.0	367.0	278.0	241.0	295.0	105.0	318.0	154.0	94.0	501.0	245.0	2776.0
1935	60.0	146.0	29.0	159.0	463.0	50.0	103.0	171.0	38.0	595.0	432.0	379.0	2625.0
1936	275.0	195.0	376.0	389.0	333.0	119.0	49.0	80.0	190.0	35.0	135.0	153.0	2329.0
1937	81.0	95.0	493.0	218.0	252.0	213.0	193.0	213.0	441.0	399.0	124.0	161.0	2883.0
1938	1.0	63.0	0.0	38.0	351.0	122.0	95.0	179.0	245.0	178.0	219.0	217.0	1708.0
1939	185.0	73.0	34.0	239.0	334.0	133.0	45.0	145.0	253.0	261.0	118.0	73.0	1893.0
1940	19.0	46.0	87.0	65.0	394.0	403.0	202.0	48.0	110.0	467.0	321.0	5.0	2167.0
1941	305.0	273.0	200.0	307.0	304.0	163.0	107.0	124.0	52.0	136.0	399.0	32.0	2402.0
1942	20.0	138.0	72.0	167.0	87.0	139.0	137.0	110.0	246.0	141.0	135.0	184.0	1576.0
1943	31.0	65.0	82.0	44.0	221.0	96.0	152.0	31.0	197.0	143.0	72.0	108.0	1242.0
1944	6.0	61.0	25.0	70.0	130.0	254.0	136.0	86.0	124.0	557.0	99.0	65.0	1613.0
1945	113.0	9.0	273.0	65.0	98.0	13.0	87.0	240.0	80.0	67.0	167.0	231.0	1443.0
1946	118.0	0.0	417.0	78.0	159.0	200.0	213.0	135.0	34.0	83.0	121.0	70.0	1628.0
1947	38.0	326.0	314.0	68.0	228.0	118.0	94.0	52.0	263.0	87.0	143.0	209.0	1940.0
1948	366.0	53.0	5.0	143.0	345.0	159.0	117.0	183.0	101.0	281.0	66.0	5.0	1824.0
1949	129.0	0.0	27.0	182.0	355.0	162.0	131.0	40.0	40.0	83.0	493.0	72.0	1714.0
1950	42.0	241.0	37.0	347.0	86.0	95.0	33.0	142.0	160.0	112.0	362.0	410.0	2067.0
1951	400.8	554.6	233.1	115.8	145.4	156.4	197.6	62.5	152.2	266.5	672.6	69.2	3026.7
1952	31.5	50.0	63.6	280.2	189.4	79.6	128.1	105.6	156.4	273.5	180.6	138.0	1676.5
1953	27.7	19.9	2.7	253.7	52.4	318.8	263.0	98.8	218.2	1026.3	26.2	58.4	2366.1
1954	46.3	144.4	296.0	195.0	327.5	238.0	86.7	173.8	37.0	66.8	130.8	204.7	1947.0
1955	70.6	122.7	110.0	4.4	172.8	142.0	188.8	67.0	148.8	166.4	124.8	82.8	1401.1
1956	79.8	12.4	330.0	493.0	228.9	153.5	125.0	65.2	119.8	140.3	107.0	11.3	1866.2
1957	126.7	180.4	39.2	125.0	287.7	213.1	248.2	88.4	80.6	156.2	460.3	316.4	2322.2
1958	80.0	132.2	61.1	496.6	74.4	205.4	67.6	64.5	74.2	310.6	368.6	337.7	2272.9
1959	31.7	10.0	273.2	340.0	337.6	99.6	177.2	111.2	51.7	424.8	468.4	547.3	2872.7
1960	108.6	202.3	201.6	111.2	69.6	152.8	169.2	152.4	348.0	495.0	282.4	366.5	2659.6
1961	167.0	22.4	5.6	186.0	141.6	156.0	127.9	52.4	2.8	224.9	388.8	71.9	1547.3
1962	106.6	57.3	134.3	214.0	182.5	147.7	74.8	56.4	27.2	75.2	411.6	65.8	1553.4
1963	127.8	106.2	228.8	307.4	310.2	224.6	55.2	269.6	163.6	80.4	441.6	115.8	2431.2
1964	11.3	64.8	276.0	270.6	118.4	107.0	113.6	134.8	24.4	450.9	112.0	244.5	1928.3
1965	127.9	3.2	161.8	164.4	242.4	173.3	216.6	109.6	516.9	5.2	202.1	68.4	1991.8
1966	52.8	196.4	48.0	108.4	85.8	69.6	218.8	275.2	116.8	459.9	427.2	89.6	2148.5
1967	7.6	139.6	113.6	240.2	145.8	134.8	43.6	179.6	197.6	51.6	301.2	39.3	1594.5
1968	10.2	282.5	37.2	75.3	206.1	392.8	110.7	346.6	126.8	31.6	441.2	105.2	2166.2
1969	20.8	215.3	91.6	130.8	155.2	174.4	79.0	130.5	203.6	0.4	258.4	56.0	1516.0
1970	274.7	55.8	153.5	101.2	237.2	130.0	83.6	184.5	40.2	44.8	330.0	123.6	1759.1
1971	183.9	171.5	259.4	105.0	233.9	214.1	84.8	98.8	18.0	26.4	280.0	75.0	1750.8
1972													
1973	205.7	41.6	20.4	177.2	48.6	270.6	219.6	147.6	286.2	223.8	55.6	227.8	1924.7
1974	50.4	400.8	177.0	296.0	172.5	171.4	34.6	132.2	214.6	137.6	102.8	5.2	1895.1
1975	123.6	62.5	289.8	185.8	355.8	225.8	78.6	249.1	214.2	163.8	242.3	140.0	2331.3
1976	18.6	108.8	17.6	268.6	99.4	43.4	119.0	145.1	382.6	838.2	285.0	162.0	2488.3
1977	383.8	210.4	209.3	96.8	367.6	145.6	153.0	211.2	48.4	104.6	50.7	168.5	2149.9
1978	469.4	221.6	98.2	205.6	295.9	144.4	106.2	92.6	51.6	394.0	29.0	177.0	2285.5
1979	196.0	224.8	394.8	202.4	38.4	164.0	46.0	199.2	376.8	310.4	147.8	247.6	2548.2
1980	142.3	47.4	276.8	38.8	261.3	322.8	127.5	59.0	20.2	541.1	124.7	44.0	2005.9
1981	10.6	0.4	156.8	76.0	223.2	150.2	349.8	94.7	313.2	220.5	2.4	118.8	1716.6
1982													
1983	2.8	16.7	71.6	141.0	269.3	59.1	57.5	197.6	441.9	92.8	1.8	267.0	1619.1
1984	200.0	211.0	203.8	160.8	452.4	225.6	124.2	244.2	185.0	231.4	115.2	488.8	2842.4
1985	419.9	5.6	357.7	117.2	316.2	145.4	11.2	95.8	8.2	62.2	125.5	74.8	1739.7
1986	174.2	155.2	79.8	279.4	135.6	192.4	110.2	138.2	56.2	42.4	86.6	33.6	1483.8
1987	127.2	340.4	55.0	185.0	185.8	127.2	171.8	173.6	79.0	368.0	466.0	62.8	2341.8
1988	159.9	90.2	27.8	229.6	241.8	285.2	118.4	106.8	41.6	173.4	4.0	118.2	1596.9
1989	0.0	203.4	67.8	500.0	46.3	169.0	311.8	106.0	119.4	11.6	129.8	44.4	1709.5
1990	71.7	31.4	77.2	208.0	78.2	173.2	73.8	90.0	54.0	232.0	179.4	217.8	1486.7
1991	73.0	99.0	256.2	71.9	228.4	174.0	144.8	71.0	183.4	151.4	190.2	1.2	1644.5
1992	49.6	21.6	83.4	436.4	69.5	279.7	226.0	59.6	127.4	624.4	94.2	297.0	2368.8
1993	0.2	1.2	94.4	128.8	58.0	102.7	121.3	95.7	371.0	453.4	129.0	75.6	1631.3
1994	188.8	69.8	46.8	191.0	149.8	81.8	129.6	59.4	313.8	71.2	292.4	78.4	1672.8
1995	52.0	95.4	50.8	258.6	225.6	232.8	27.2	150.2	293.8	3.8	112.0	222.5	1724.7
1996	279.6	44.4	34.2	120.0	188.2	106.2	152.0	194.0	63.8	427.4	354.0	149.0	2112.8
1997	154.0	2.4	6.6	70.6	91.0	223.2	120.4	130.6	14.0	24.0	367.6	254.2	1458.6
1998	60.3	29.0	9.0	171.8	200.8	97.8	79.2	84.6	185.0	317.0	37.2	22.0	1293.7
1999	102.0	10.0	188.8	192.6	110.2	93.6	80.6	140.3	223.6	315.2	158.6	78.6	1694.1
2000	1.2	3.0	210.7	134.6	139.2	77.6	77.8	96.4	174.8	513.4	748.0	102.2	2278.9
2001	196.6	71.0	343.0	120.8	131.6	35.4	103.4	111.2	190.8	58.2	57.8	5.2	1425.0
2002	31.4	203.8	68.4	199.7	560.8	95.0	173.4	295.6	107.2	141.6	464.6	116.4	2457.9
2003	76.6	1.6	2.8	72.4	37.2	78.2	67.4	94.2	29.8	110.6	402.2	188.4	1161.4
2004	36.4	128.2	148.0	228.8	254.4	116.4	45.0	55.8	117.6	225.0	233.8	158.2	1747.6
2005	10.0	30.0	33.8	169.2	99.2	57.2	149.8	118.2	136.6	292.2	130.2	103.3	1329.7
2006	115.2	127.0	57.8	116.6	144.7	51.6	43.4	172.4	180.0	41.6	35.0	136.4	1221.7
2007	76.2	40.8	128.6	23.8	173.6	200.2	56.8	232.6	117.2	108.8	297.2	7.8	1463.6
2008	196.9	49.0	79.0	216.6	179.6	199.4	74.6	59.6	156.2	120.6	397.0	423.0	2151.5
2009	175.6	211.2	237.8	497.4	15.4	132.4	61.6	71.4					

Anno	Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic	TOT
1921	19.0	37.0	18.0	122.0	161.0	69.0	10.0	81.0	38.0	0.0	3.0	23.0	581.0
1922	22.0	39.0	88.0	110.0	8.0	85.0	5.0	17.0	73.0	73.0	25.0	44.0	589.0
1923	28.0	71.0	47.0	101.0	41.0	165.0	29.0	18.0	125.0	21.0	121.0	63.0	830.0
1924	84.0	29.0	42.0	121.0	51.0	120.0	144.0	106.0	70.0	121.0	0.0	24.0	912.0
1925	11.0	50.0	39.0	55.0	112.0	113.0	66.0	90.0	66.0	29.0	98.0	26.0	755.0
1926	45.0	45.0	28.0	61.0	87.0	74.0	82.0	27.0	42.0	89.0	102.0	20.0	702.0
1927	128.0	26.0	97.0	18.0	92.0	35.0	32.0	7.0	84.0	37.0	93.0	133.0	782.0
1928	34.0	19.0	249.0	65.0	39.0	29.0	0.0	55.0	167.0	144.0	137.0	56.0	994.0
1929	57.0	2.0	1.0	59.0	156.0	27.0	11.0	52.0	5.0	84.0	129.0	98.0	681.0
1930	49.0	49.0	82.0	108.0	159.0	106.0	59.0	45.0	65.0	61.0	28.0	70.0	881.0
1931	20.0	100.0	58.0	68.0	64.0	30.0	31.0	16.0	48.0	46.0	148.0	5.0	634.0
1932	25.0	14.0	90.0	82.0	125.0	196.0	116.0	30.0	29.0	66.0	118.0	66.0	957.0
1933	78.0	25.0	45.0	32.0	110.0	101.0	71.0	8.0	74.0	92.0	93.0	34.0	763.0
1934	23.0	39.0	77.0	88.0	56.0	99.0	86.0	97.0	39.0	35.0	92.0	101.0	832.0
1935	42.0	26.0	45.0	81.0	82.0	39.0	25.0	69.0	24.0	186.0	116.0	87.0	822.0
1936	104.0	113.0	109.0	86.0	92.0	82.0	26.0	16.0	83.0	76.0	14.0	41.0	842.0
1937	88.0	60.0	154.0	103.0	67.0	118.0	99.0	266.0	149.0	83.0	84.0	56.0	1327.0
1938	11.0	15.0	1.0	33.0	120.0	48.0	36.0	69.0	104.0	39.0	69.0	56.0	601.0
1939	64.0	11.0	41.0	36.0	187.0	48.0	37.0	49.0	98.0	148.0	34.0	67.0	820.0
1940	16.0	55.0	36.0	26.0	163.0	143.0	37.0	74.0	36.0	150.0	44.0	6.0	786.0
1941	99.0	147.0	46.0	152.0	169.0	46.0	26.0	24.0	80.0	88.0	136.0	64.0	1077.0
1942	7.0	70.0	57.0	61.0	86.0	50.0	25.0	29.0	59.0	23.0	28.0	63.0	558.0
1943	52.0	65.0	40.0	30.0	33.0	63.0	21.0	2.0	91.0	58.0	56.0	55.0	566.0
1944	9.0	13.0	8.0	31.0	59.0	203.0	66.0	31.0	65.0	250.0	89.0	27.0	851.0
1945	80.0	1.0	21.0	48.0	30.0	50.0	36.0	50.0	23.0	16.0	50.0	64.0	469.0
1946	61.0	2.0	135.0	6.0	17.0	76.0	145.0	73.0	14.0	91.0	105.0	62.0	787.0
1947	13.0	165.0	133.0	22.0	161.0	70.0	40.0	41.0	36.0	67.0	93.0	53.0	894.0
1948	131.0	28.0	4.0	100.0	90.0	50.0	131.0	59.0	36.0	166.0	50.0	26.0	871.0
1949	42.0	1.0	46.0	42.0	66.0	51.0	107.0	35.0	62.0	57.0	215.0	48.0	772.0
1950	42.0	51.0	42.0	117.0	28.0	99.0	7.0	35.0	100.0	66.0	70.0	103.0	760.0
1951	77.0	158.2	83.0	66.4	82.6	81.8	190.2	47.4	120.0	72.2	117.8	83.2	1179.8
1952	47.2	39.4	29.0	29.6	42.2	36.2	89.9	21.8	51.2	109.2	67.6	73.4	636.7
1953	40.2	20.4	0.0	122.4	49.2	105.6	104.4	63.0	130.8	191.2	15.6	65.6	908.4
1954	30.0	45.0	115.2	75.2	94.0	117.4	51.4	87.2	21.4	25.8	47.0	38.2	747.8
1955	34.6	70.6	49.4	1.8	64.0	60.0	132.6	117.2	193.2	49.0	91.8	109.4	973.6
1956	32.2	8.7	77.6	103.6	60.6	173.8	52.0	35.0	67.2	66.6	48.6	15.0	740.9
1957	50.2	80.2	11.2	124.8	113.0	58.2	42.4	9.6	47.6	59.4	99.6	78.6	774.8
1958	41.2	36.8	32.0	199.6	16.6	58.2	15.2	97.2	40.6	63.0	150.2	89.7	840.3
1959	23.6	1.0	105.0	104.8	107.4	107.8	91.4	39.6	21.6	51.8	155.0	181.2	990.2
1960	22.6	92.6	132.1	26.6	10.8	65.6	68.0	94.7	94.2	174.2	118.8	99.8	1000.0
1961	76.0	18.2	20.2	127.8	68.6	99.4	147.8	17.4	25.0	101.4	87.8	74.1	863.7
1962	66.8	40.4	98.8	103.4	157.6	69.0	36.2	0.0	14.4	58.0	161.8	44.8	851.2
1963	77.0	70.9	49.2	84.8	78.6	86.4	58.6	124.2	91.6	28.8	135.2	40.5	925.8
1964	1.0	28.2	166.0	59.2	49.1	57.4	44.6	49.6	50.2	192.4	44.2	109.4	851.3
1965	109.2	2.8	90.4	108.8	81.0	144.2	106.0	60.6	120.8	1.8	130.2	46.8	1002.6
1966	38.6	49.4	29.8	84.2	79.8	4.2	75.0	168.4	50.2	83.4	170.5	40.0	873.5
1967	13.8	87.6	28.4	85.2	49.8	128.4	76.4	49.8	101.4	4.4	123.2	30.4	778.8
1968	15.3	90.2	1.0	64.0	78.0	140.6	87.0	176.8	75.4	13.2	97.0	84.4	922.9
1969	68.0	75.2	34.0	28.2	58.4	75.2	186.3	90.8	58.2	0.8	86.4	54.8	816.3
1970	135.6	36.2	63.0	32.8	95.2	97.8	43.4	69.6	35.4	13.4	65.8	56.8	745.0
1971	86.6	52.0	25.2	37.8	72.6	82.8	66.8	13.2	17.4	8.0	165.2	26.0	653.6
1972	139.6	144.3	62.4	75.6	139.6	55.0	219.6	32.6	35.8	27.8	54.9	64.0	1051.2
1973	97.5	42.8	10.2	64.2	61.8	65.8	58.4	46.2	208.4	52.4	15.0	35.9	718.6
1974	29.6	72.4	72.4	80.4	30.6	101.6	60.9	40.8	84.2	35.2	42.6	5.4	656.1
1975	28.4	11.1	95.8	45.2	158.6	114.4	66.4	129.6	10.2	63.6	60.2	63.8	847.3
1976	15.0	40.2	13.2	62.6	28.0	12.0	153.2	116.4	98.4	188.4	57.8	92.8	878.0
1977	81.4	53.6	67.2	57.4	96.8	113.1	183.8	111.5	12.4	20.8	47.0	43.7	888.7
1978	112.0	86.8	34.8	128.6	64.5	42.8	36.2	91.6	45.2	70.8	43.0	56.2	812.5
1979	84.8	49.6	81.8	47.6	13.2	87.0	46.0	136.4	59.6	70.0	103.4	72.2	851.6
1980	36.2	5.6	104.5	24.9	44.6	145.9	19.4	43.3	54.4	80.6	125.0	58.6	743.0
1981	5.8	2.2	123.0	31.4	64.0	137.4	81.4	59.0	132.0	102.4	4.2	96.4	839.2
1982	9.0	16.6	32.2	11.4	43.6	49.4	21.0	126.8	52.0	105.6	162.0	40.4	670.0
1983	2.0	23.4	93.8	40.4	66.2	69.8	39.0	74.4	26.2	22.8	0.0	130.0	588.0
1984	67.4	61.4	81.8	53.6	196.3	83.0	38.0	78.4	93.0	105.0	66.2	54.6	978.7
1985	87.6	21.0	125.6	35.8	68.6	100.0	7.8	23.0	1.2	47.6	62.6	49.2	630.0
1986	106.4	131.0	64.6	62.0	54.0	87.6	68.6	60.0	33.4	36.4	72.0	44.6	820.6
1987	44.8	193.4	10.8	45.6	99.6	88.2	45.2	47.8	48.2	124.4	75.2	37.0	860.2
1988	62.6	37.6	30.2	104.2	137.4	158.0	82.0	93.8	27.4	62.0	54.0	39.2	888.4
1989	0.0	23.0	31.2	127.0	13.8	136.2	146.8	152.4	91.0	4.4	59.2	9.0	794.0
1990	8.8	15.4	46.8	135.8	88.0	101.2	45.6	63.8	18.6	143.6	54.6	39.2	761.4
1991	56.6	30.4	51.0	79.6	132.6	109.2	58.6	74.0	35.6	128.6	126.8	5.0	888.0
1992	15.0	20.8	24.6	71.2	41.2	127.6	108.0	37.0	47.2	269.8	32.4	132.8	927.6
1993	2.4	3.6	62.3	60.6	36.0	29.4	80.4	30.8	81.4	147.0	61.8	41.4	637.1
1994	46.6	43.4	0.0	119.6	58.4	30.2	124.6	32.0	174.4	79.8	63.0	37.0	809.0
1995	37.0	73.6	45.4	94.4	207.6	164.2	89.0	56.6	113.2	32.4	19.4	120.2	1053.0
1996	118.8	41.0	14.0	115.0	82.0	87.6	32.0	85.4	70.0	160.0	115.0	130.0	1050.8
1998	50.0	30.0	10.0	110.0	48.6	66.0	64.6	8.4	104.0	216.2	13.4	7.4	728.6
1999	25.8	17.0	40.9	88.7	55.4	132.8	120.0	32.1	51.0	91.4	134.0	47.2	836.3
2000	0.0	3.4	66.2	43.2	37.0	48.2	47.0	40.2	120.2	126.2	123.0	52.6	707.2
2001	65.2	2.0	132.2	59.8	44.6	47.2	83.8	45.6	65.2	44.6	29.2	7.6	627.0
2002	40.0	44.2	1.2	88.0	118.8	103.6	138.6	131.3	29.8	99.4	72.2	50.8	917.9
2003	43.4	9.8	1.4	101.2	11.0	60.0	20.0	40.0	40.0	62.0	100.2	75.2	564.2
2004	41.6	175.4	123.2	45.8	109.4	58.0	64.8	39.8	68.8	81.2	101.0	93.8	1002.8
2005	15.6	13.8	13.8	100.6	101.2	32.4	95.2	165.4	63.4	190.0	137.6	37.8	966.8
2006	27.8	31.2	37.6	49.8	62.4	14.0	73.0	135.2	224.4	11.4	25.6	48.8	741.2
2007	15.6	48.4	67.4	0.0	115.2	55.0	20.0	65.2	110.4	39.0	22.0	27.4	585.6
2008	64.6	38.4	49.2	128.8	164.4	100.8	66.4	80.0	73.0	29.8	149.0	167.2	1111.6
2009	64.0	66.6	106.2	154.2	20.2	54.8	23.8	55.8	207.0	56.2	93.8	123.2	1025.8
2010	63.6	129.8	47.2	54.2	157.6	127.0	159.6	89.8	109.0	71.6	169.6	127.6	1306.6
2011	16.8	43.8	104.4	11.2	30.2	90.0	111.4	0.8	46.8	90.0	97.8	22.2	665.4
2012	7.8	23.8	9.0	91.2	86.6	68.0	1.6	11.8	110.6	113.6	118.6	49.0	691.6
2013	100.4	99.2	241.4	109.4	119.4								

Anno	Gen	Feb	Mar	Apr	Mag	Giu	Lug	Ago	Set	Ott	Nov	Dic	TOT
1921	26.0	26.0	28.0	175.0	58.0	91.0	10.0	76.0	21.0	16.0	6.0	26.0	559.0
1922	58.0	22.0	76.0	121.0	29.0	134.0	3.0	18.0	96.0	73.0	21.0	41.0	692.0
1923	51.0	111.0	44.0	116.0	38.0	145.0	52.0	40.0	100.0	0.0	112.0	62.0	871.0
1924	60.0	32.0	45.0	100.0	74.0	118.0	131.0	84.0	31.0	87.0	1.0	47.0	810.0
1925	16.0	62.0	56.0	84.0	93.0	49.0	49.0	66.0	34.0	16.0	165.0	35.0	725.0
1926	56.0	61.0	27.0	43.0	76.0	80.0	79.0	66.0	36.0	103.0	120.0	44.0	791.0
1927	156.0	23.0	133.0	16.0	142.0	39.0	58.0	1.0	142.0	39.0	92.0	146.0	987.0
1928	39.0	32.0	233.0	57.0	45.0	37.0	0.0	25.0	198.0	111.0	123.0	56.0	956.0
1929	82.0	15.0	11.0	64.0	59.0	23.0	9.0	63.0	6.0	77.0	125.0	78.0	612.0
1930	47.0	46.0	84.0	95.0	156.0	70.0	40.0	35.0	46.0	71.0	34.0	82.0	806.0
1931	27.0	95.0	55.0	41.0	63.0	20.0	44.0	31.0	20.0	39.0	131.0	2.0	568.0
1932	23.0	19.0	83.0	68.0	108.0	127.0	100.0	15.0	59.0	57.0	116.0	68.0	843.0
1933	62.0	23.0	38.0	32.0	64.0	62.0	78.0	4.0	68.0	68.0	87.0	33.0	619.0
1934	36.0	41.0	85.0	69.0	58.0	61.0	36.0	112.0	72.0	36.0	82.0	81.0	769.0
1935	28.0	16.0	39.0	72.0	93.0	14.0	40.0	87.0	14.0	183.0	105.0	93.0	784.0
1936	97.0	104.0	128.0	100.0	128.0	61.0	60.0	37.0	147.0	102.0	17.0	33.0	1014.0
1937	83.0	62.0	128.0	94.0	39.0	99.0	100.0	196.0	219.0	89.0	66.0	52.0	1227.0
1938	12.0	21.0	2.0	44.0	101.0	43.0	40.0	36.0	67.0	62.0	58.0	56.0	542.0
1939	61.0	8.0	49.0	28.0	177.0	49.0	17.0	144.0	52.0	136.0	16.0	61.0	798.0
1940	15.0	50.0	29.0	26.0	125.0	115.0	48.0	49.0	19.0	127.0	39.0	5.0	647.0
1941	79.0	120.0	38.0	145.0	160.0	65.0	47.0	59.0	68.0	68.0	117.0	54.0	1020.0
1942	6.0	69.0	35.0	64.0	40.0	30.0	29.0	23.0	92.0	20.0	26.0	39.0	473.0
1943	48.0	59.0	39.0	13.0	34.0	67.0	9.0	9.0	82.0	34.0	37.0	54.0	485.0
1944	7.0	9.0	7.0	27.0	24.0	160.0	61.0	18.0	96.0	227.0	57.0	18.0	711.0
1945	76.0	2.0	13.0	31.0	44.0	36.0	42.0	50.0	15.0	43.0	41.0	42.0	435.0
1946	48.0	0.0	126.0	16.0	50.0	40.0	40.0	56.0	2.0	75.0	113.0	30.0	596.0
1947	10.0	112.0	113.0	45.0	112.0	75.0	1.0	23.0	58.0	86.0	78.0	62.0	775.0
1948	115.0	22.0	0.0	103.0	80.0	72.0	101.0	91.0	50.0	141.0	54.0	22.0	851.0
1949	38.0	1.0	43.0	37.0	51.0	54.0	92.0	44.0	69.0	84.0	242.0	46.0	801.0
1950	39.0	44.0	25.0	139.0	24.0	57.0	53.0	37.0	53.0	43.0	48.0	100.0	662.0
1951	74.7	145.2	85.6	15.4	61.0	112.2	221.6	23.4	95.8	79.6	56.3	66.5	1037.3
1952	52.3	37.2	19.3	11.6	36.7	40.9	36.4	16.2	42.4	97.2	66.8	76.1	533.1
1953	50.1	14.7	0.2	121.8	85.4	59.2	80.0	63.2	73.4	190.0	16.0	58.4	812.4
1954	32.4	41.6	110.8	71.2	114.2	49.2	35.2	91.6	14.6	24.4	36.6	42.8	664.6
1955	31.4	65.8	65.1	1.4	42.5	34.2	120.0	34.6	100.0	50.0	71.8	105.4	722.2
1956	28.0	23.8	83.6	83.2	56.5	137.8	35.4	31.2	71.1	67.4	40.4	9.2	667.6
1957	47.0	64.0	15.8	115.6	140.6	43.4	54.0	13.8	68.8	54.0	60.3	62.2	739.5
1958	40.6	36.2	40.0	216.6	18.2	76.4	28.8	74.6	9.6	49.8	161.8	74.2	826.8
1959	26.6	4.8	107.3	87.0	125.8	70.8	92.4	68.8	33.7	33.4	126.9	182.4	959.9
1960	19.5	87.8	110.0	56.4	20.6	191.0	74.8	98.4	73.2	160.5	130.0	101.5	1123.7
1961	58.2	12.2	23.0	109.6	68.4	102.4	91.1	1.6	10.2	63.5	68.0	73.4	681.6
1962	65.8	38.0	83.3	89.4	118.4	73.8	35.0	1.4	6.8	44.6	172.0	45.0	773.5
1963	89.5	73.8	45.6	89.2	116.8	115.4	13.0	112.0	87.0	35.6	148.6	36.8	963.3
1964	1.4	27.2	168.8	53.8	62.0	62.4	65.0	46.6	73.6	190.4	41.6	128.9	921.7
1965	111.7	3.0	87.0	93.6	52.8	109.4	98.4	62.4	110.0	3.2	126.6	44.4	902.5
1966	44.1	46.2	20.8	59.0	80.6	4.2	65.2	103.0	29.3	79.2	190.2	31.2	753.0
1967	14.4	61.8	26.2	79.2	39.8	128.2	57.6	63.3	169.8	6.6	106.4	38.8	792.1
1968	21.4	79.6	1.4	34.0	88.2	102.8	81.0	173.6	75.0	12.6	92.2	117.0	878.8
1969	74.8	101.2	41.0	50.0	64.6	77.2	20.5	76.4	48.0	2.0	89.9	69.9	715.5
1970	135.7	45.2	61.6	25.4	108.8	64.6	18.7	62.6	33.0	13.4	50.6	54.8	674.4
1971	93.6	53.8	21.6	37.8	96.4	69.8	46.8	10.2	23.2	8.4	151.8	22.0	635.4
1972	149.4	175.2	71.8	90.0	82.6	70.0	141.2	11.0	51.0	36.0	58.0	65.4	1001.6
1973	114.8	45.4	18.8	42.8	11.8	49.2	58.6	73.0	190.2	64.4	12.4	22.8	704.2
1974	37.8	73.4	74.0	123.4	52.8	113.6	21.0	71.4	91.8	50.1	42.2	9.6	761.1
1975	22.6	14.8	93.0	51.4	135.6	99.4	52.0	115.2	6.0	53.6	72.8	60.8	777.2
1976	13.0	61.0	23.0	48.0	34.8	5.2	76.4	87.0	78.6	213.4	78.2	104.6	823.2
1977	113.4	48.4	63.8	66.2	77.6	32.6	117.2	105.6	26.0	28.2	55.1	44.3	778.4
1978	83.4	78.8	48.0	119.8	86.4	45.2	52.4	110.6	31.0	64.4	44.2	54.2	818.4
1979	74.6	61.4	80.4	41.2	6.2	44.6	76.7	133.7	87.4	95.4	95.6	60.1	857.3
1980	61.2	3.4	145.2	28.2	77.3	150.8	36.9	48.7	26.4	65.0	161.3	76.4	880.8
1981	12.0	5.3	123.1	31.2	47.2	123.2	59.7	76.8	107.8	70.2	2.0	97.8	756.3
1982	19.2	22.1	39.8	9.0	137.9	62.6	35.0	76.8	54.5	97.6	184.8	44.4	783.7
1983	14.4	33.6	108.0	40.2	49.0	53.2	3.6	49.6	5.0	24.4	0.0	106.3	487.3
1984	68.4	51.2	84.6	62.6	213.6	38.0	40.0	152.4	57.6	93.2	63.2	47.4	972.2
1985	84.4	29.8	110.4	37.8	71.0	104.0	5.8	27.4	0.6	72.0	56.0	49.4	648.6
1986	135.0	104.4	68.8	56.2	53.0	81.6	67.8	34.6	52.4	36.2	60.8	46.4	797.2
1987	85.9	164.4	9.9	34.4	107.4	68.0	29.4	33.2	41.2	88.2	84.6	36.8	783.4
1988	52.2	26.4	70.7	113.8	94.6	177.4	50.8	34.5	19.2	75.8	38.0	38.2	791.6
1989	0.0	14.4	37.6	132.5	17.2	156.0	167.2	146.6	139.2	7.0	46.2	12.0	875.9
1990	7.6	20.4	56.0	167.6	133.3	96.0	29.4	39.6	25.4	160.0	38.8	29.1	803.2
1991	54.4	22.9	55.0	96.4	146.4	87.8	30.7	64.1	91.8	99.8	105.3	5.0	859.6
1992	20.4	19.8	16.6	47.6	56.2	64.8	57.4	79.2	87.2	203.0	27.0	152.0	831.2
1993	0.8	4.0	78.1	72.4	17.9	27.0	79.2	29.2	91.3	165.8	79.2	40.9	685.8
1994	57.2	32.0	6.0	123.0	43.1	56.0	68.0	115.2	142.7	64.8	48.6	47.4	804.0
1995	27.6	80.2	37.4	51.0	131.4	211.0	82.2	41.2	64.2	4.0	22.0	95.8	848.0
1996	89.0	44.2	19.8	113.2	108.4	79.4	16.0	51.4	77.6	144.2	74.2	148.6	966.0
1997	89.0	16.2	20.4	39.2	66.9	114.4	65.0	30.8	12.6	11.0	75.6	96.4	637.5
1998	41.8	23.2	13.6	114.2	73.4	54.0	78.4	24.2	84.2	163.6	14.0	18.0	702.6
1999	32.4	18.2	37.4	96.4	56.0	136.2	38.9	72.4	51.0	105.2	135.2	51.2	830.5
2000	1.2	6.0	60.8	49.2	27.6	26.0	57.8	29.6	45.6	137.4	123.0	59.0	623.2
2001	82.8	8.2	173.8	56.0	42.2	45.6	100.4	40.0	71.4	33.2	29.6	7.5	690.7
2002	36.0	51.0	2.4	90.4	122.8	72.2	114.0	81.8	31.2	100.0	75.0	75.0	851.8
2003	52.2	16.8	3.8	102.2	28.6	16.2	8.8	22.4	35.8	62.0	94.6	59.4	502.8
2004	55.0	165.8	145.6	63.8	85.8	86.8	52.6	35.2	59.6	83.8	83.2	82.9	1000.1
2005	23.3	21.2	16.4	79.6	107.4	28.2	51.2	159.2	96.0	159.2	138.0	53.0	932.7
2006	28.4	34.2	37.6	46.6	44.2	9.2	62.0	84.0	157.8	20.6	30.2	45.4	600.2
2007	22.4	58.8	84.2	0.4	97.2	93.4	18.8	19.2	61.6	32.8	18.2	33.6	540.6
2008	52.4	24.4	36.8	75.2	66.0	58.6	6.4	14.1	62.2	27.6	101.0	136.8	661.5
2009	52.0	49.0	81.8	119.4	33.8	48.6	51.6	10.2	153.8	29.4	78.2	100.1	807.9
2010	52.6	132.8	58.8	55.0	116.9	97.2	42.6	72.6	100.1	61.0	139.6	101.6	1030.8
2011	16.2	45.4	99.6	5.8	21.6	68.0	59.4	3.0	48.8	88.0	57.4	20.4	533.6
2012	10.2	26.6	0.4	80.6	86.0	10.6	2.2	11.6	125.6	105.8	119.0		

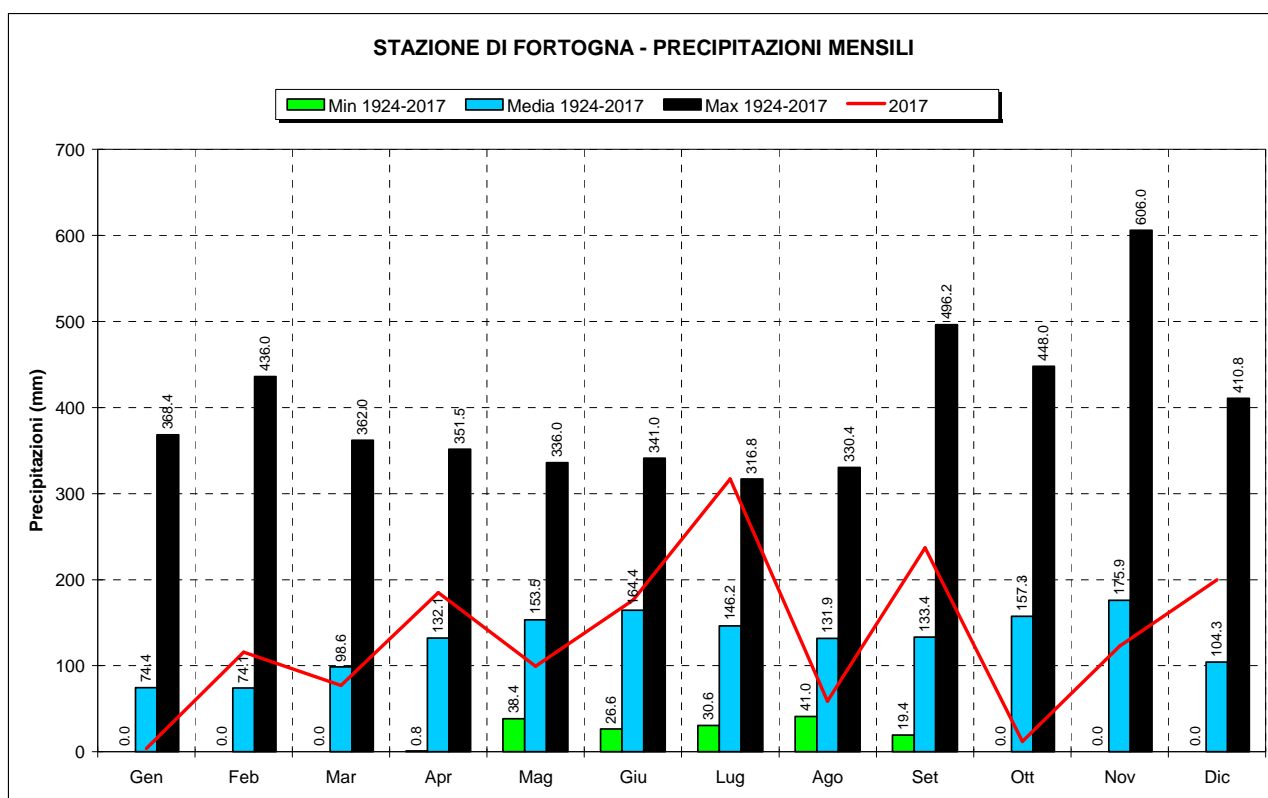


Fig. 1 – Andamento precipitazioni mensili per la stazione di Fortogna

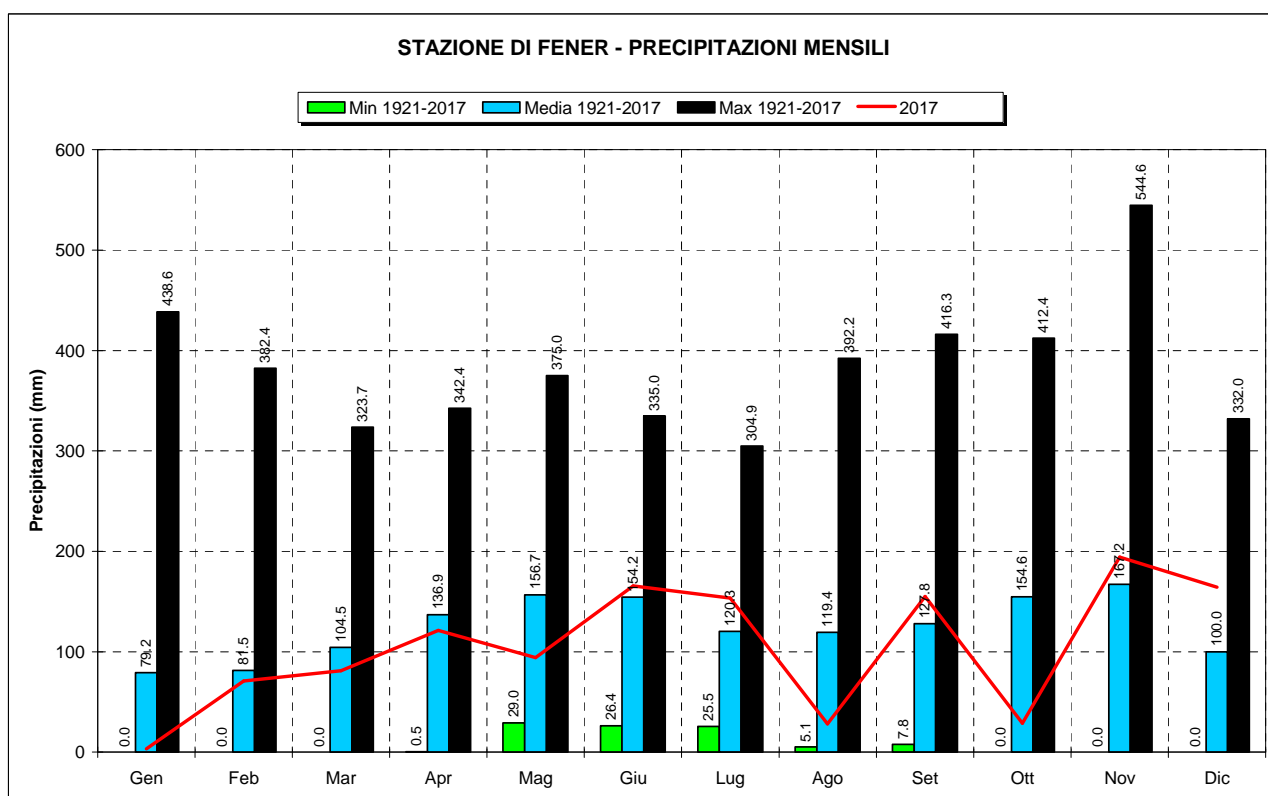


Fig. 2 – Andamento precipitazioni mensili per la stazione di Fener

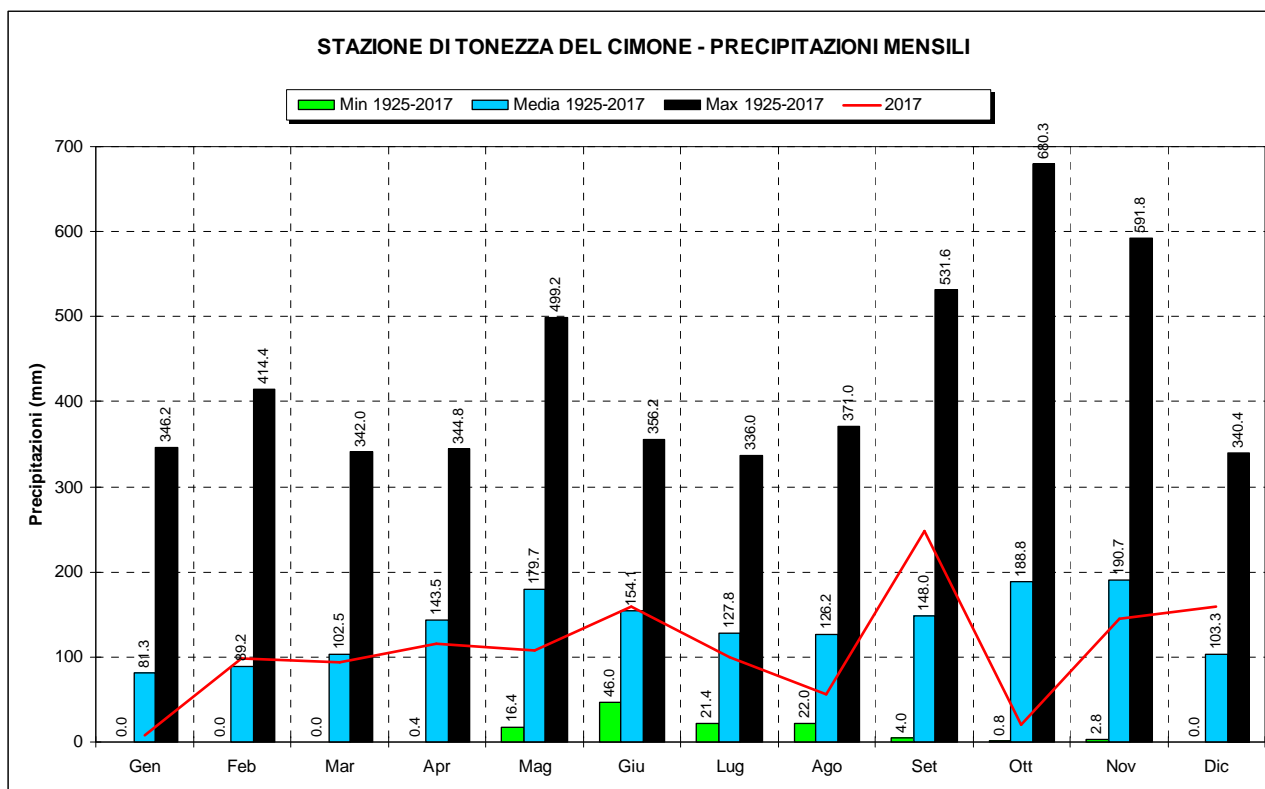


Fig. 3 – Andamento precipitazioni mensili per la stazione di Tonzza del Cimone

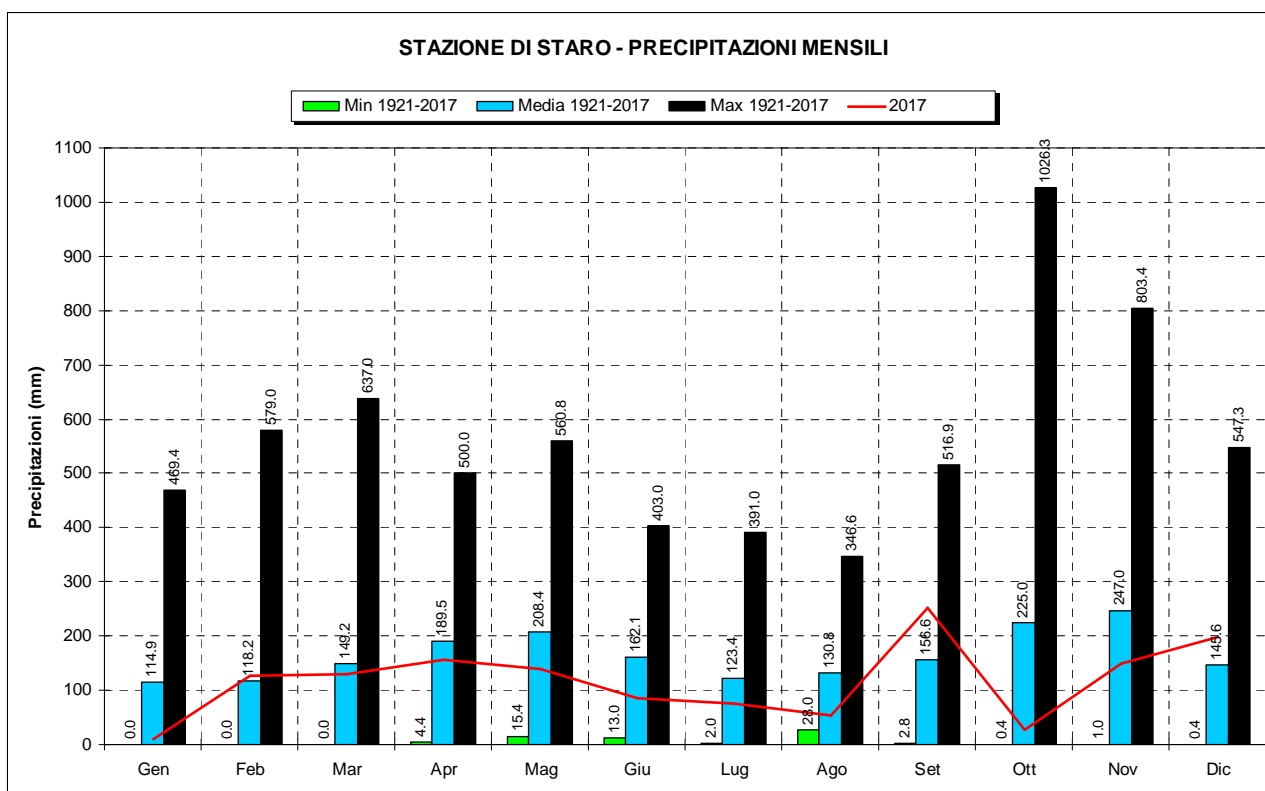


Fig. 4 – Andamento precipitazioni mensili per la stazione di Staro

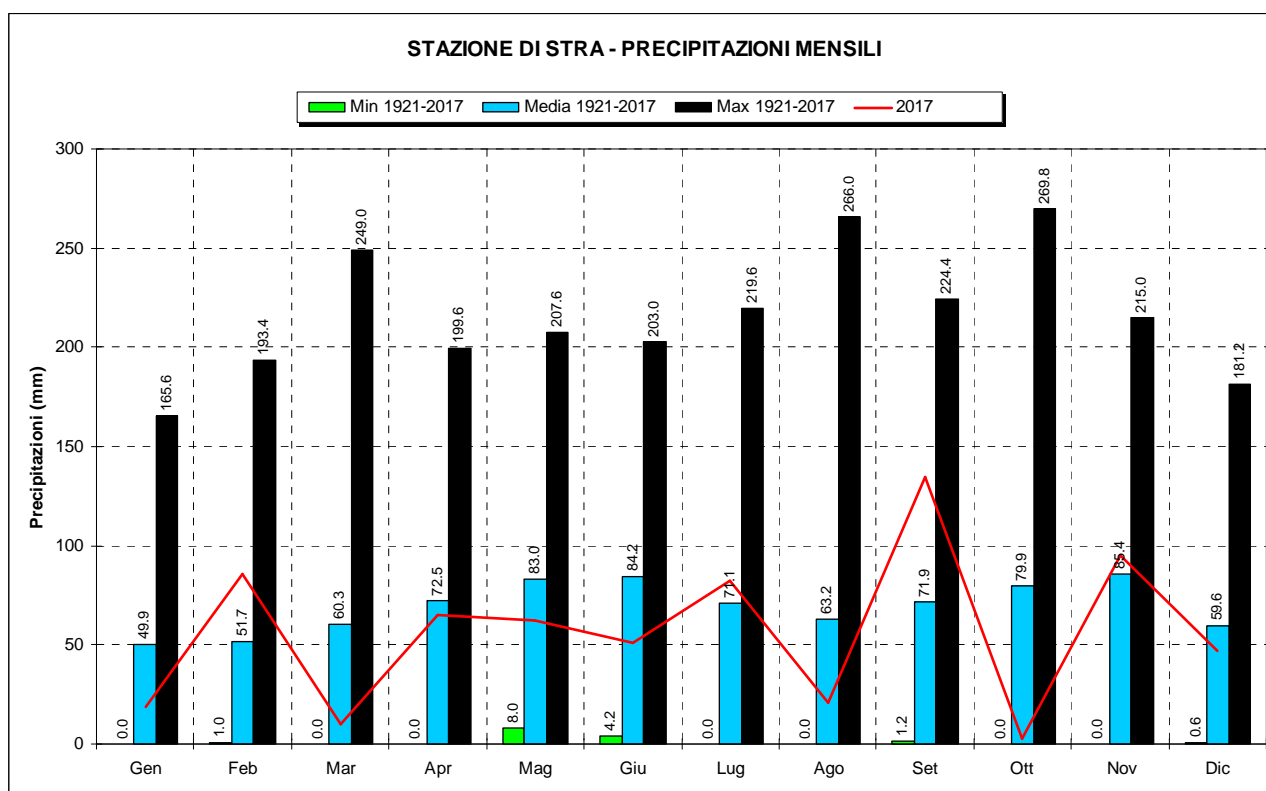


Fig. 5 – Andamento precipitazioni mensili per la stazione di Stra

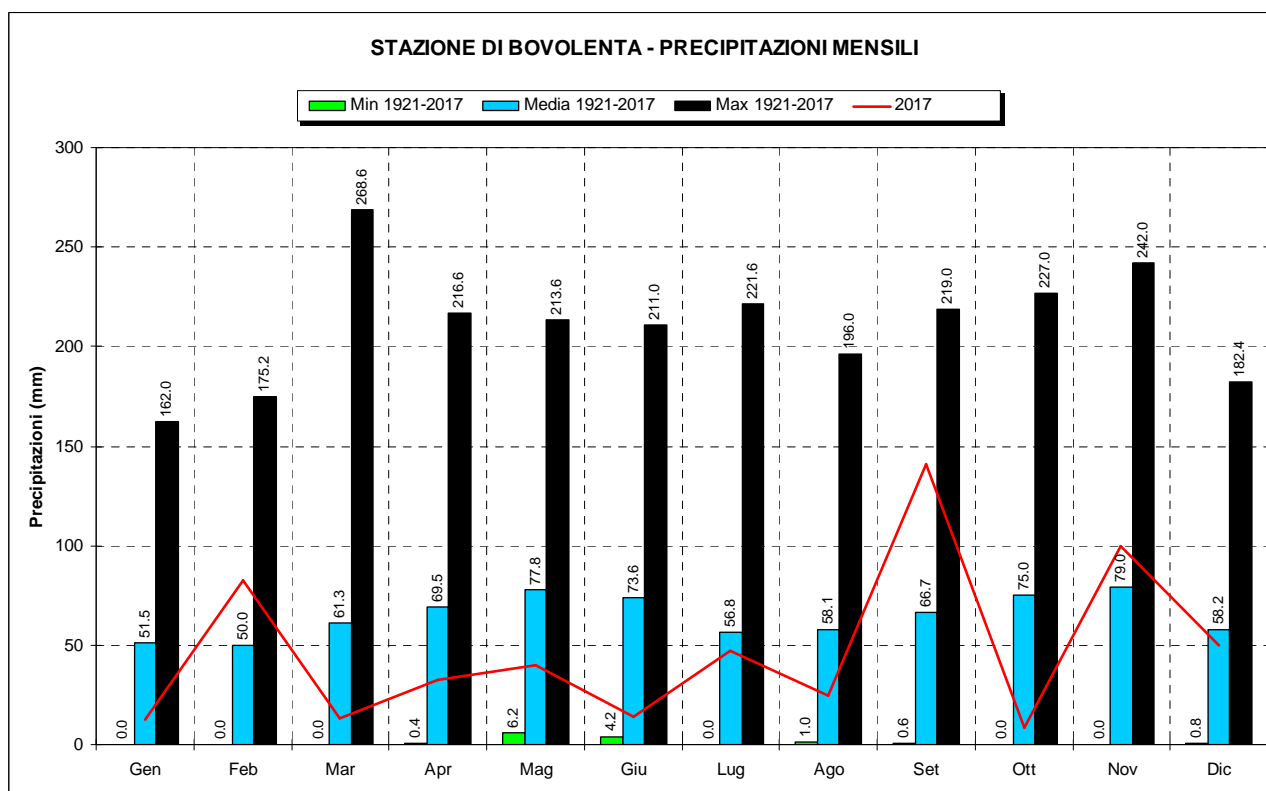


Fig. 6 – Andamento precipitazioni mensili per la stazione di Bovolenta

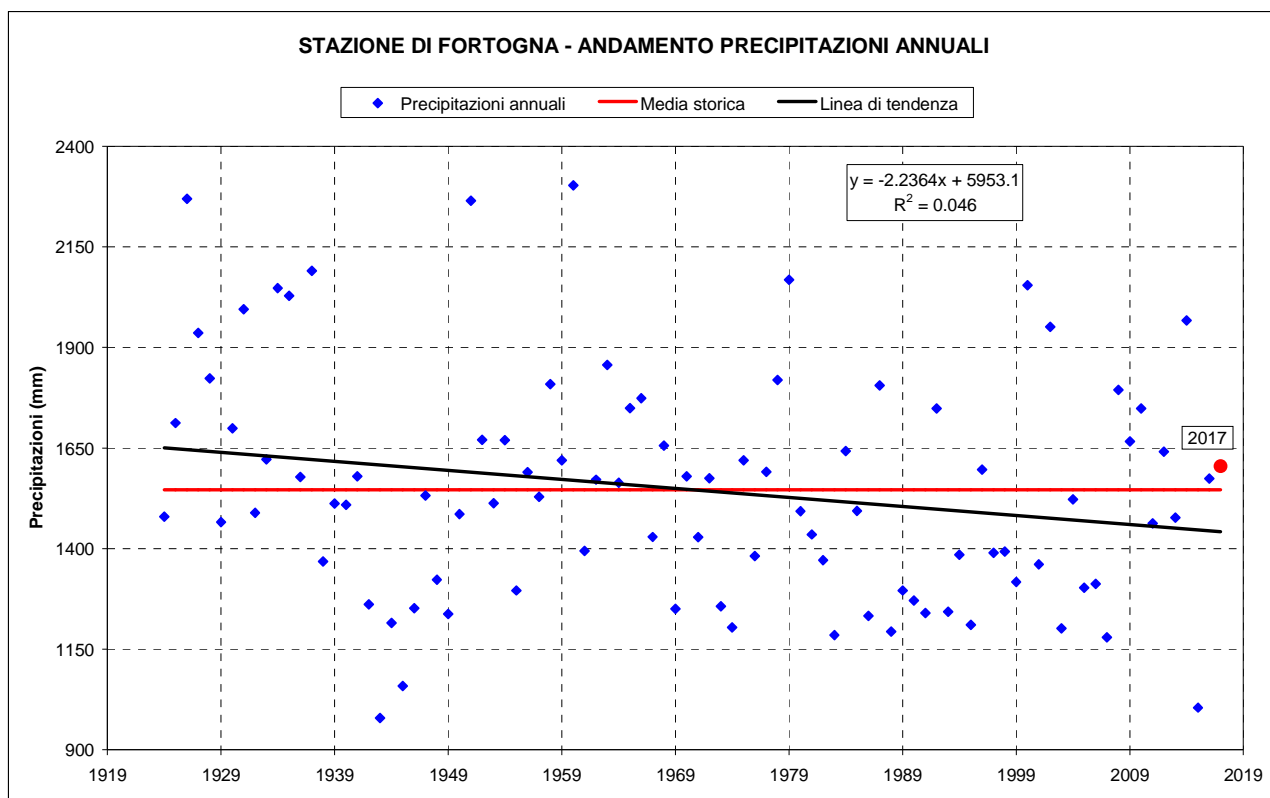


Fig. 7 – Andamento precipitazioni annuali per la stazione di Fortogna

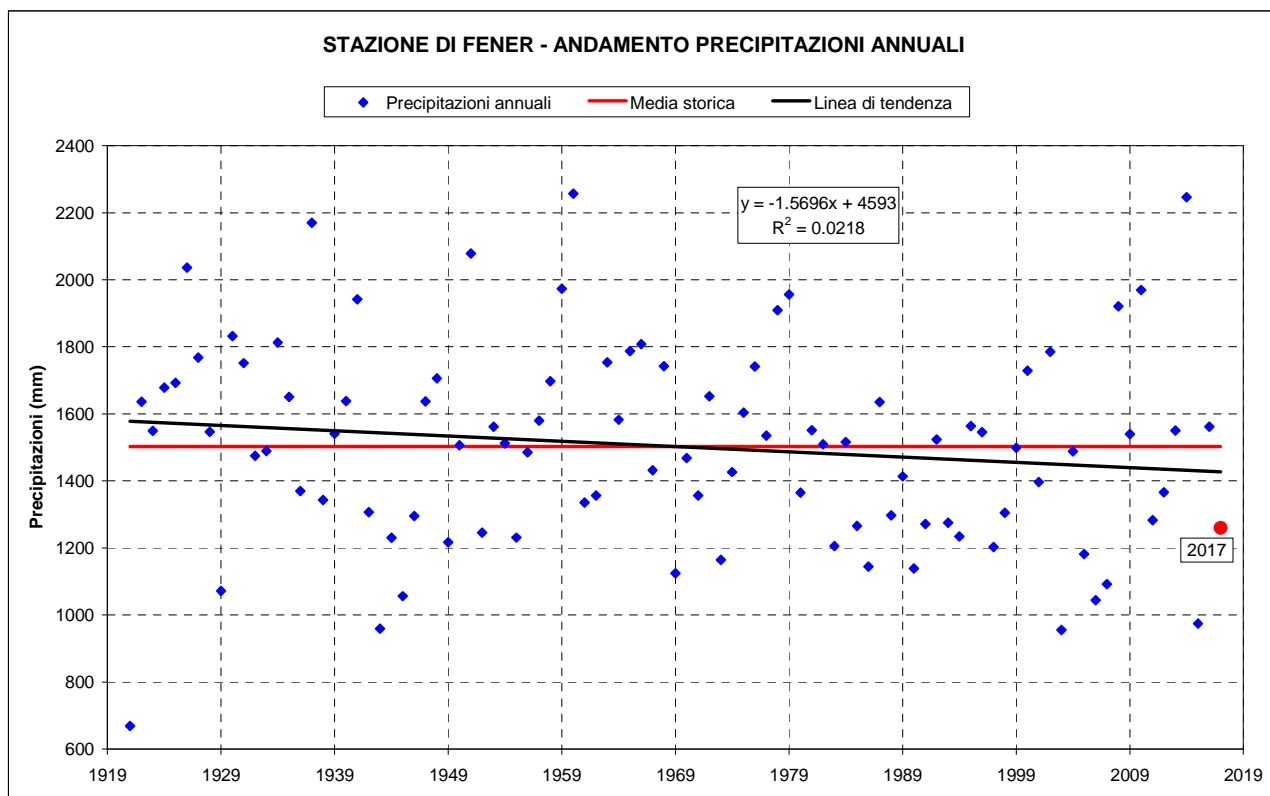


Fig. 8 – Andamento precipitazioni annuali per la stazione di Fener

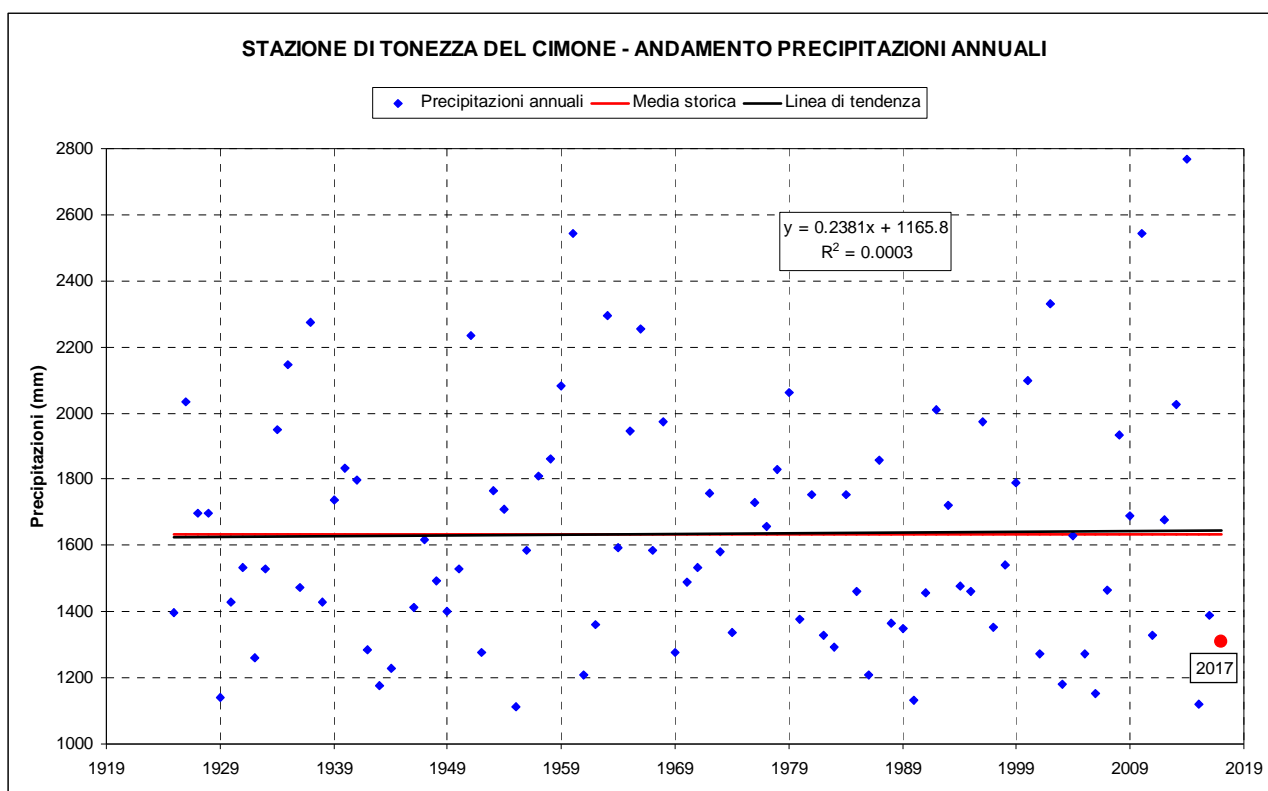


Fig. 9 – Andamento precipitazioni annuali per la stazione di Tonzza del Cimone

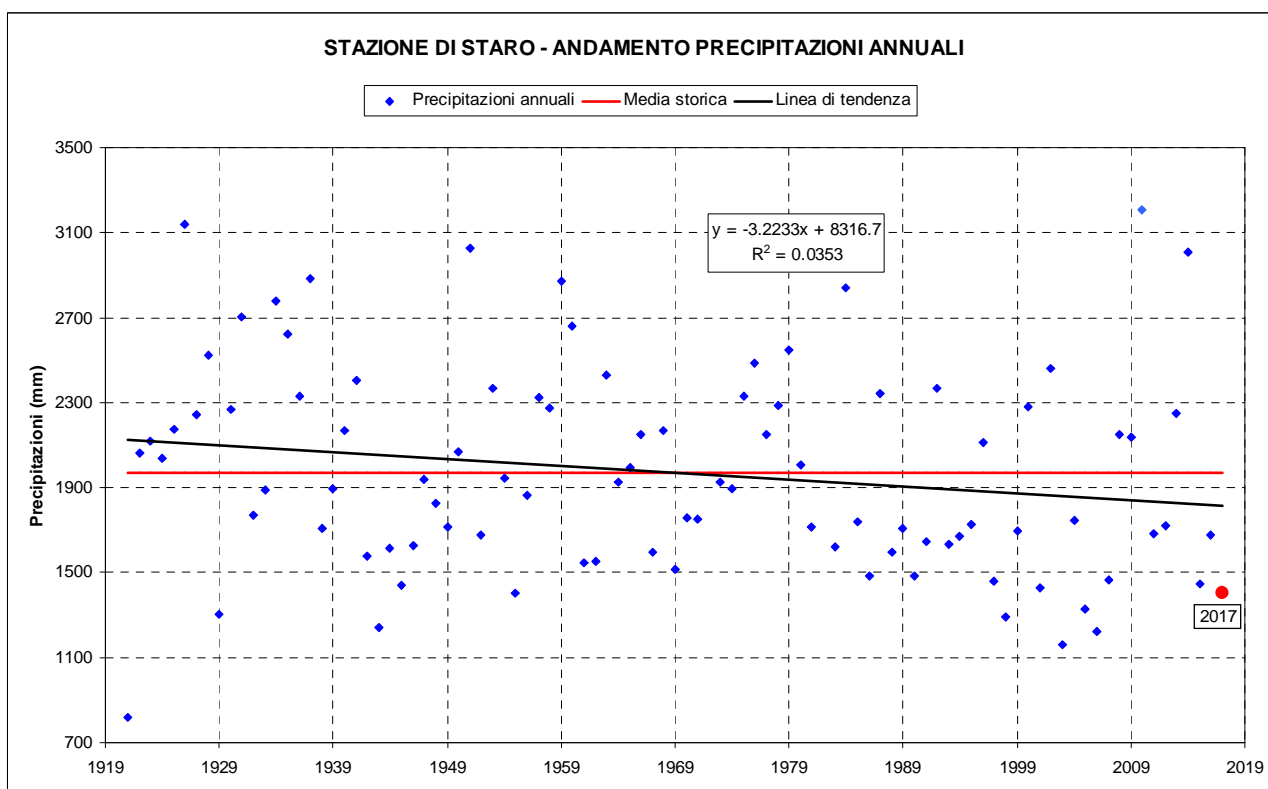


Fig. 10 – Andamento precipitazioni annuali per la stazione di Staro

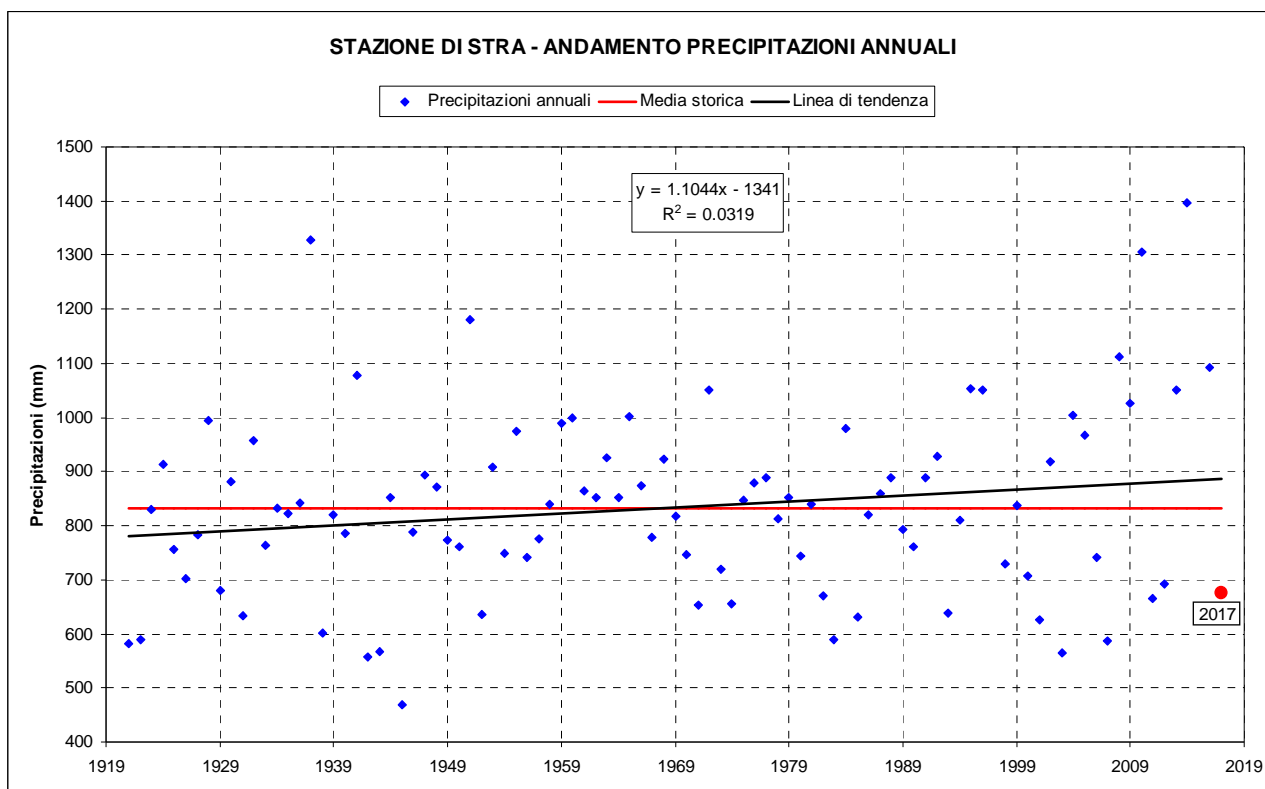


Fig. 11 – Andamento precipitazioni annuali per la stazione di Stra

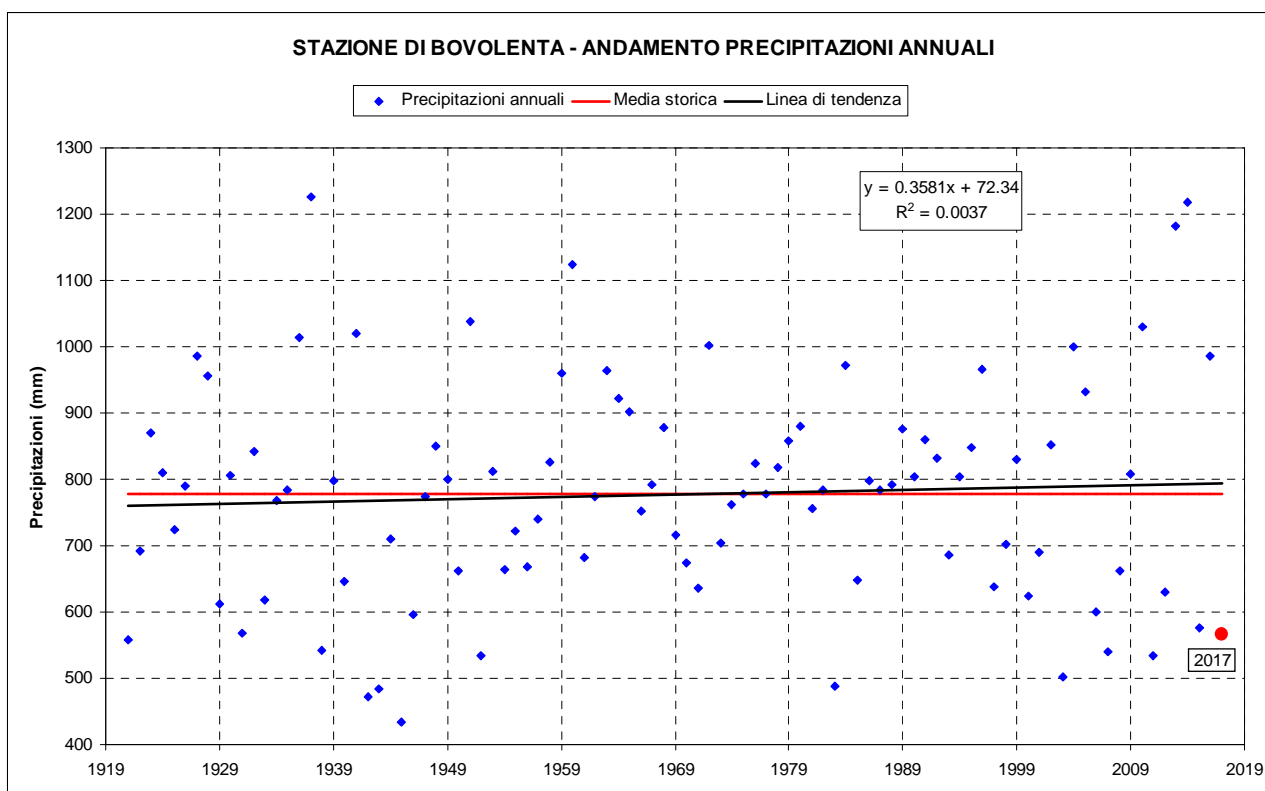


Fig. 12 – Andamento precipitazioni annuali per la stazione di Bovolenta

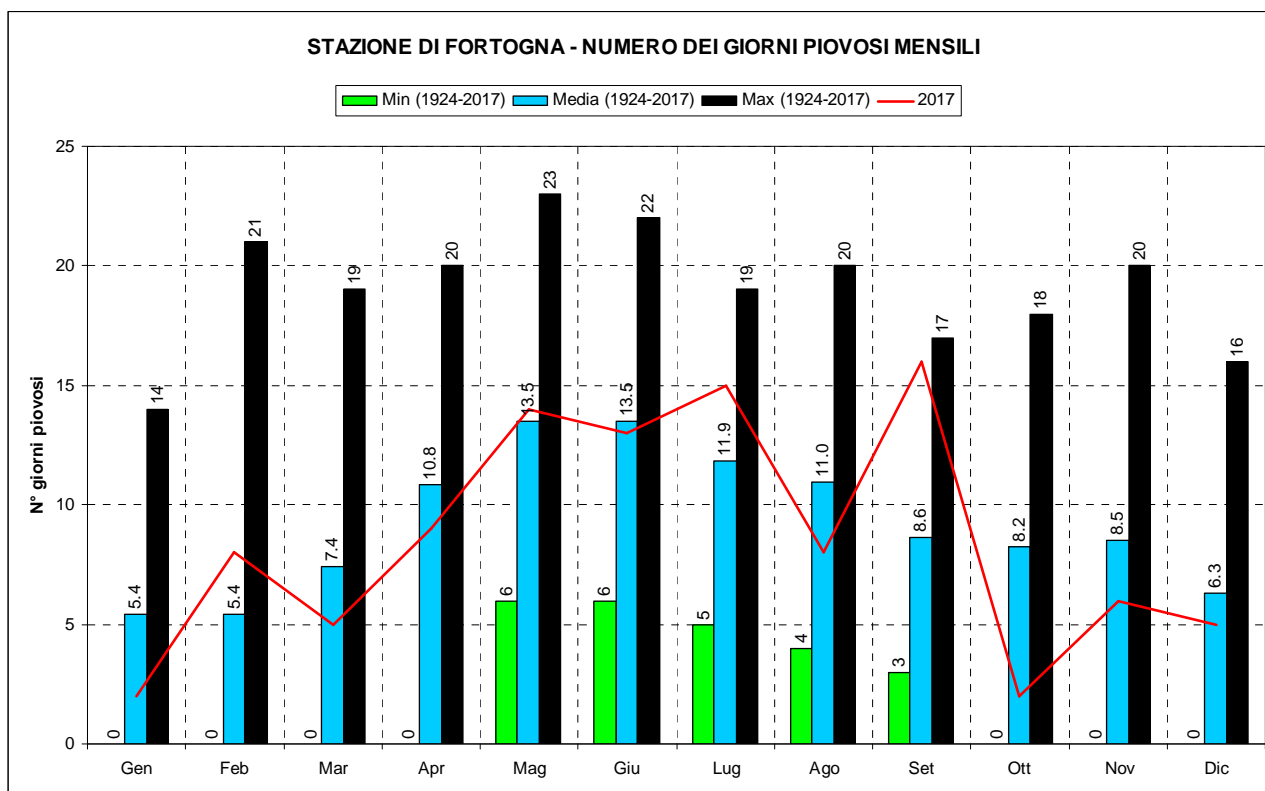


Fig. 13 – Andamento dei giorni piovosi mensili per la stazione di Fortogna

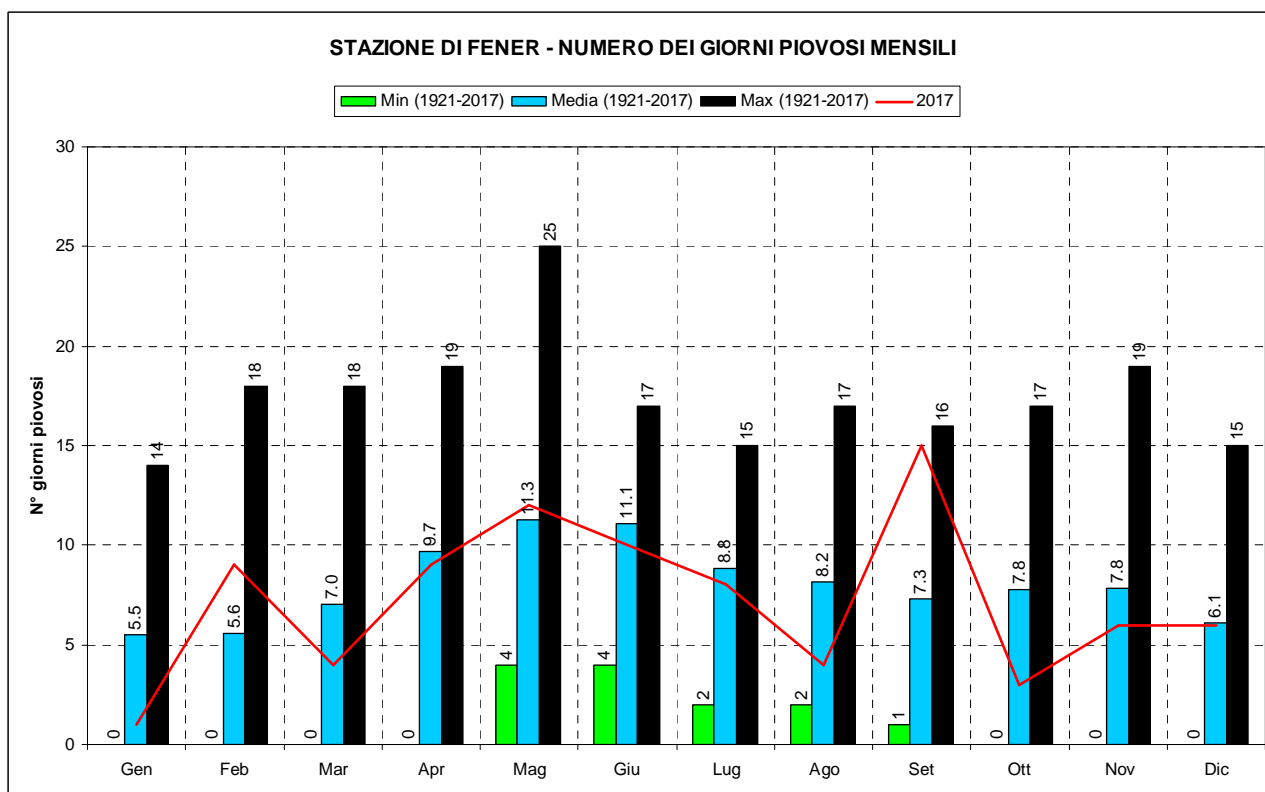


Fig. 14 – Andamento dei giorni piovosi mensili per la stazione di Fener

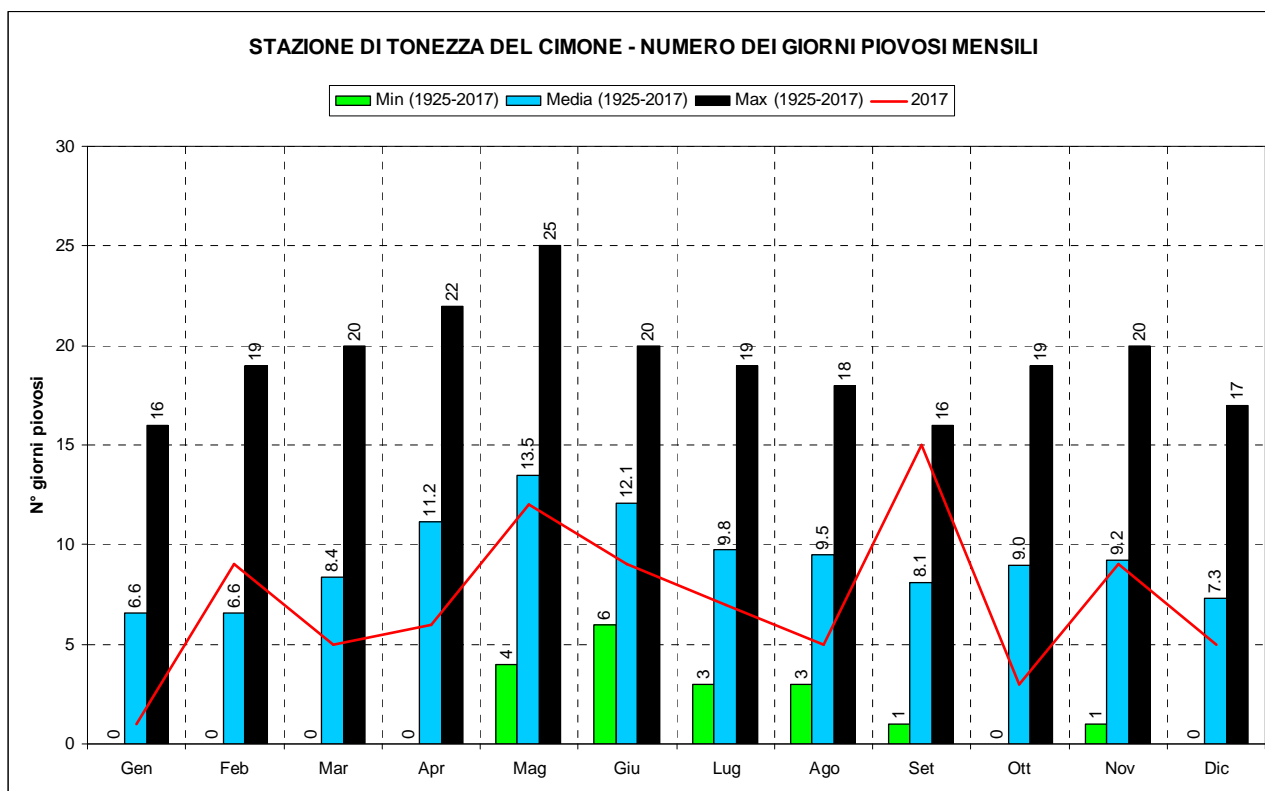


Fig. 15 – Andamento dei giorni piovosi mensili per la stazione di Tonzza del Cimone

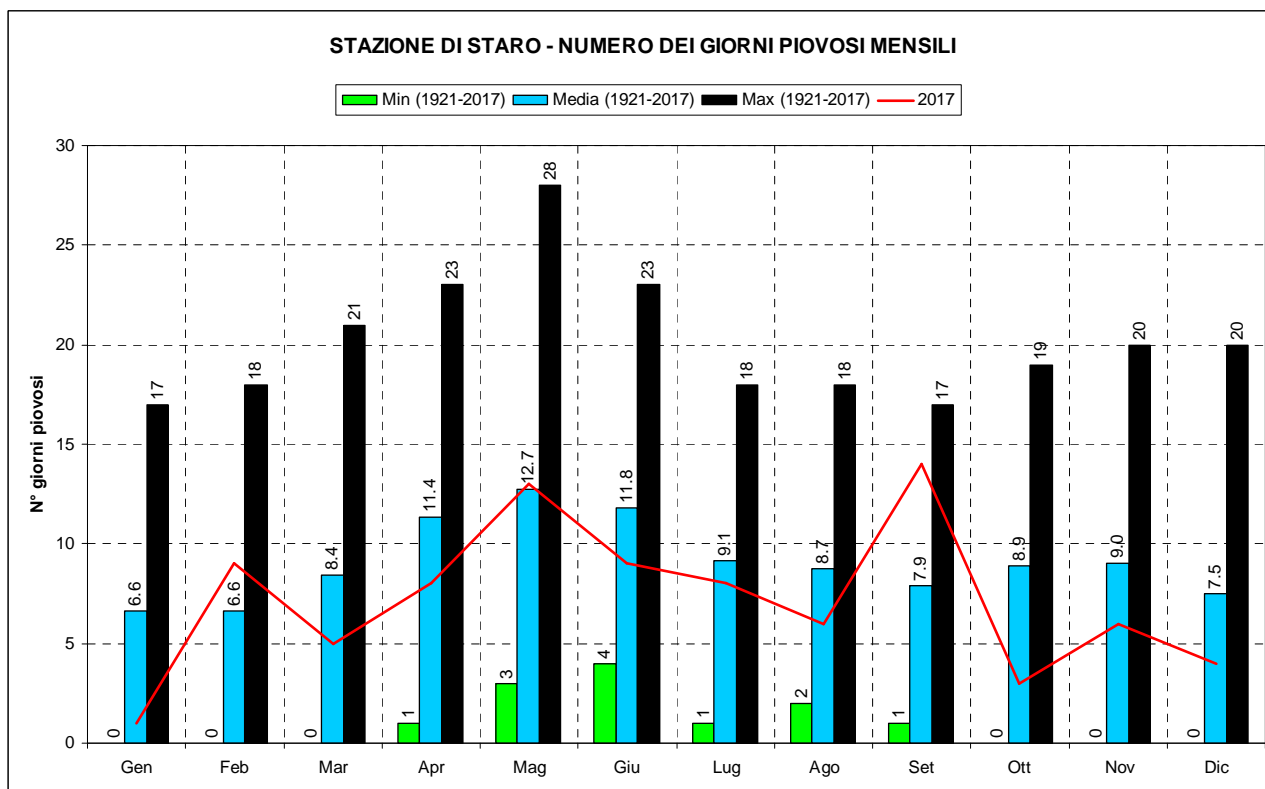


Fig. 16 – Andamento dei giorni piovosi mensili per la stazione di Staro

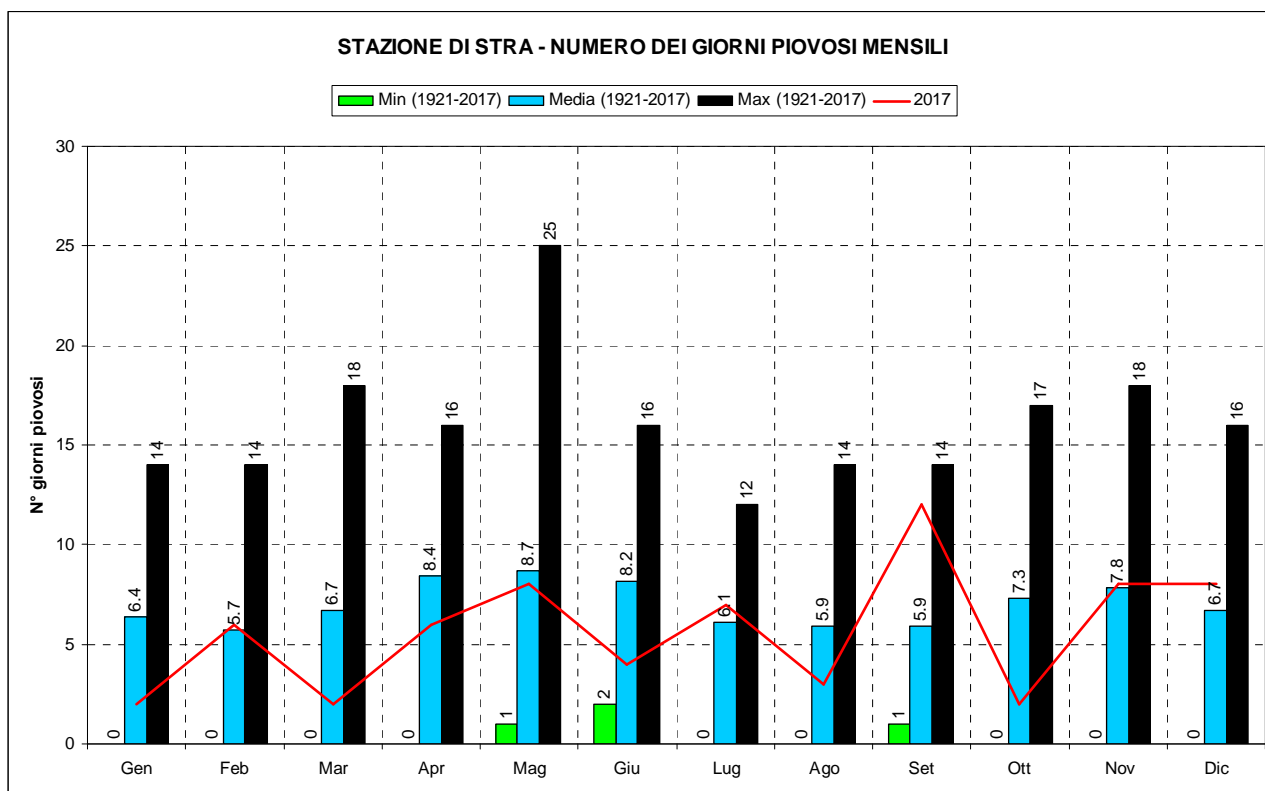


Fig. 17 – Andamento dei giorni piovosi mensili per la stazione di Stra

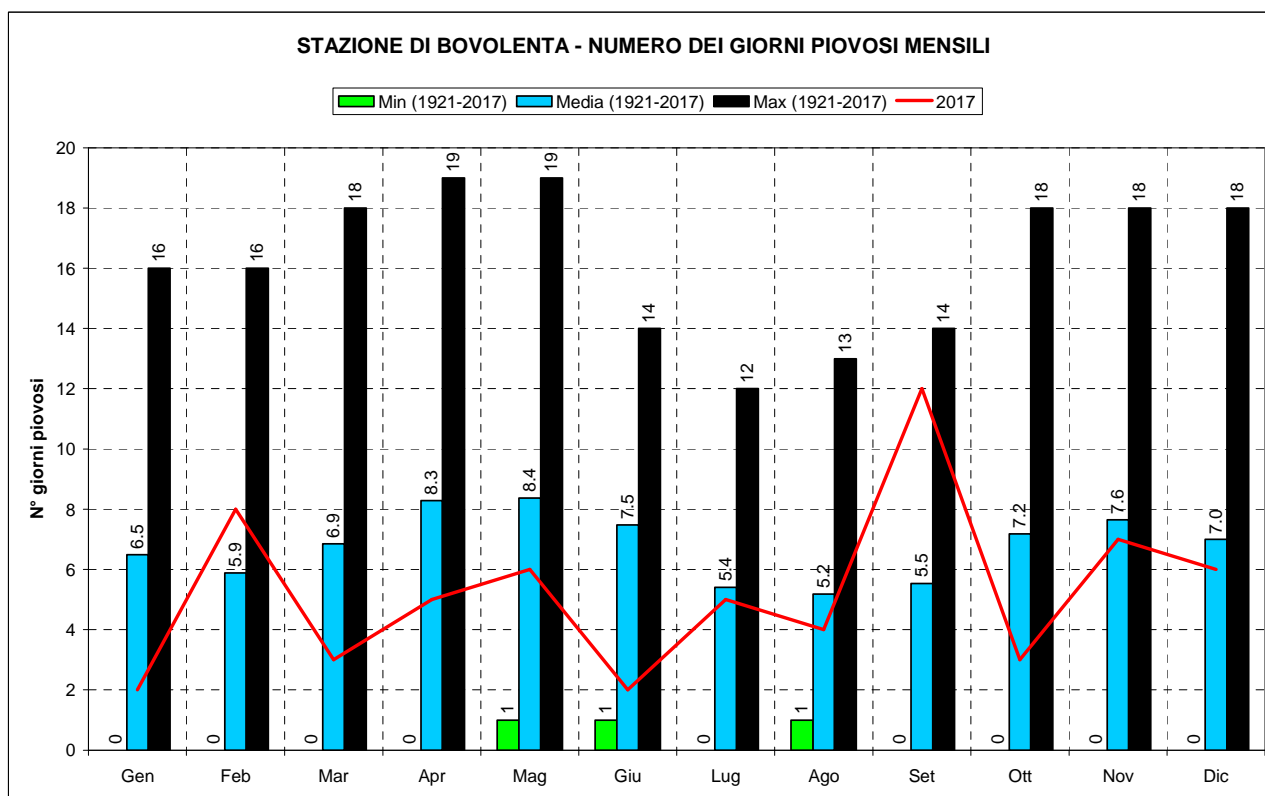


Fig. 18 – Andamento dei giorni piovosi mensili per la stazione di Bovolenta

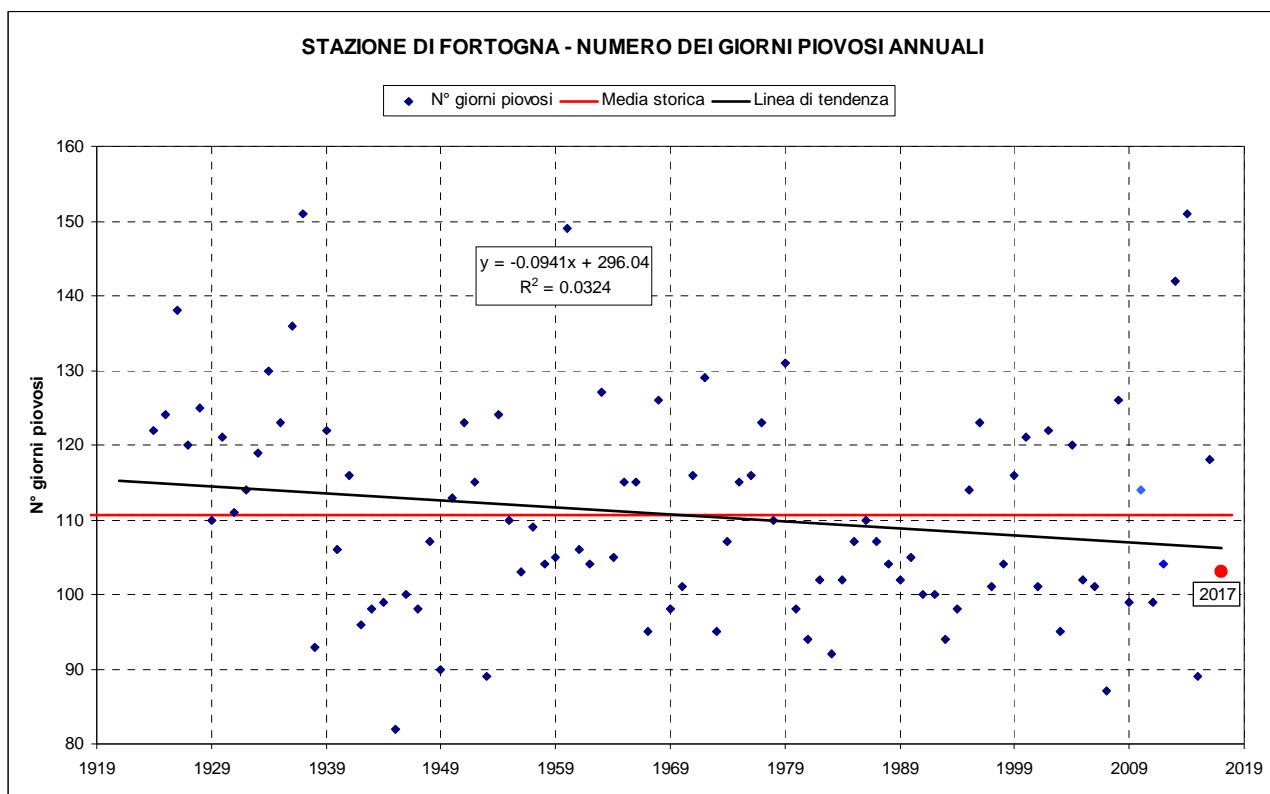


Fig. 19 – Andamento dei giorni piovosi annuali per la stazione di Fortogna

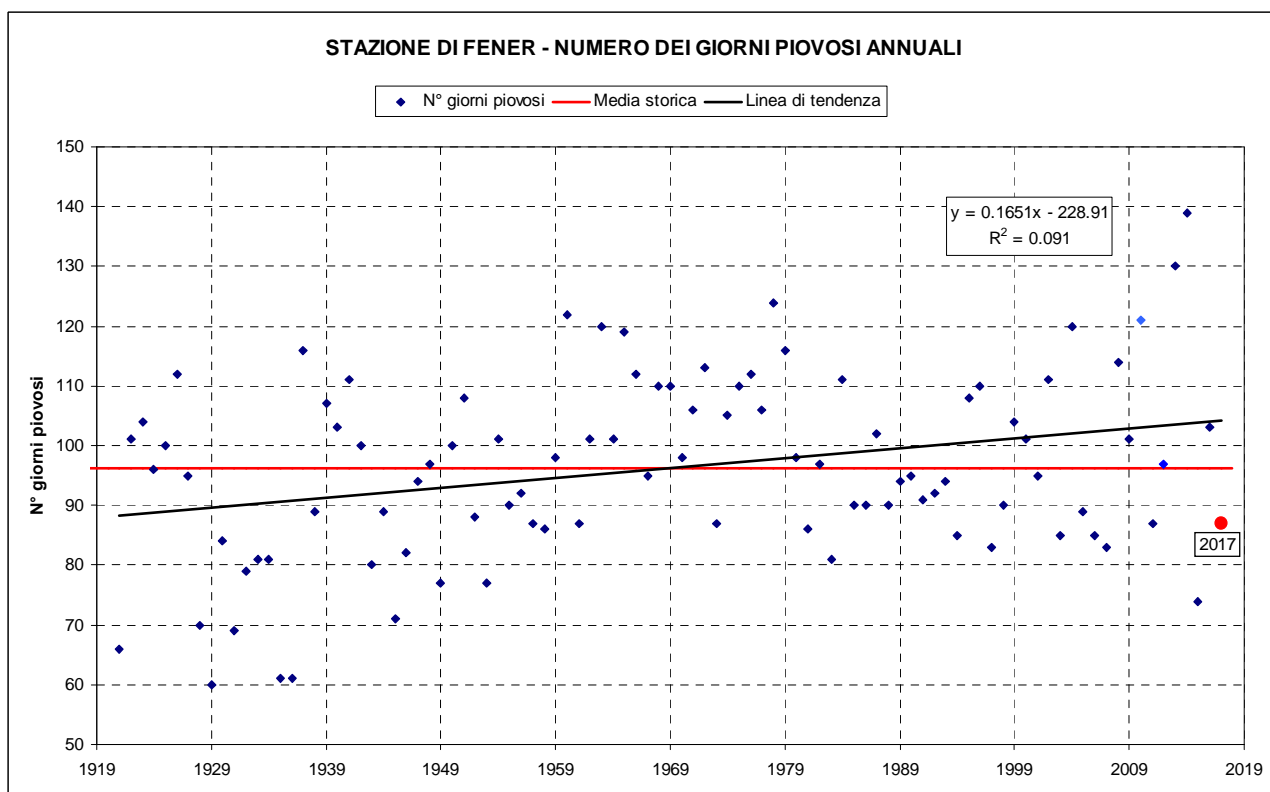


Fig. 20 – Andamento dei giorni piovosi annuali per la stazione di Fener

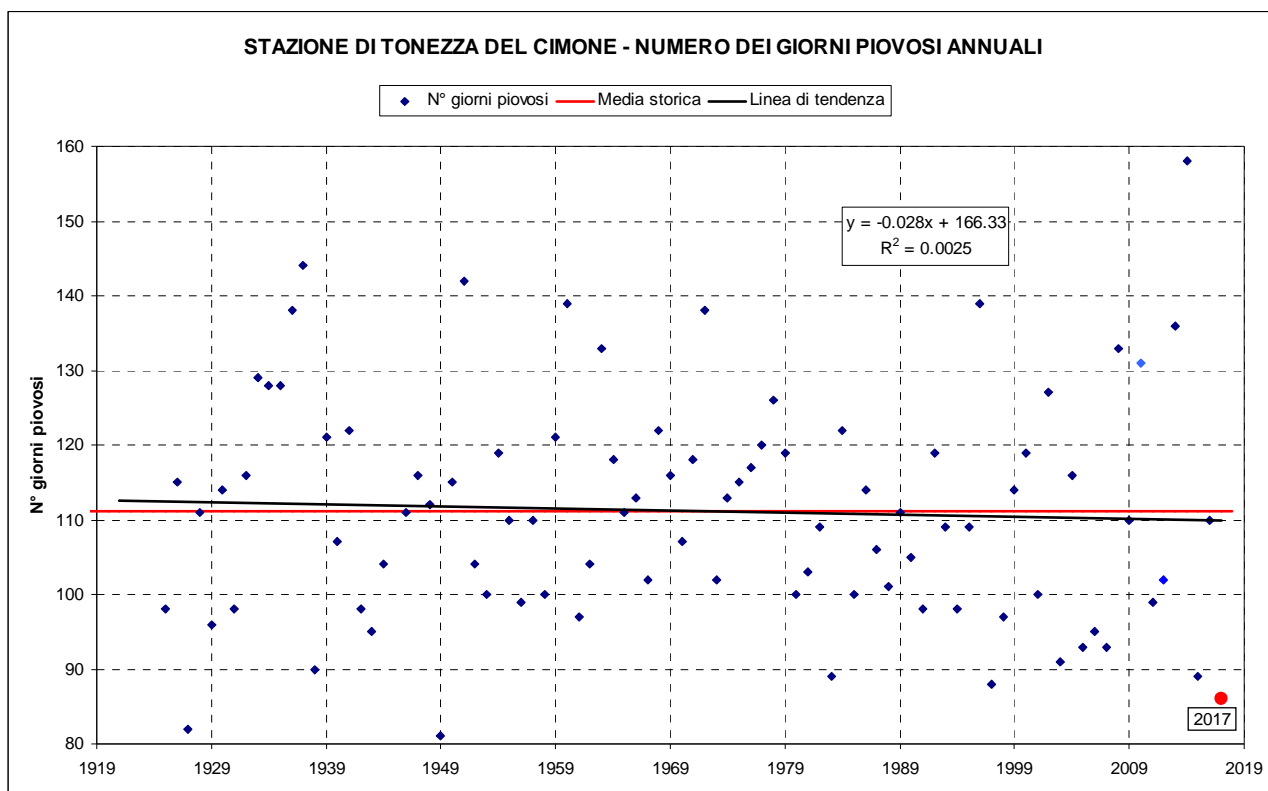


Fig. 21 – Andamento dei giorni piovosi annuali per la stazione di Tonezza del Cimone

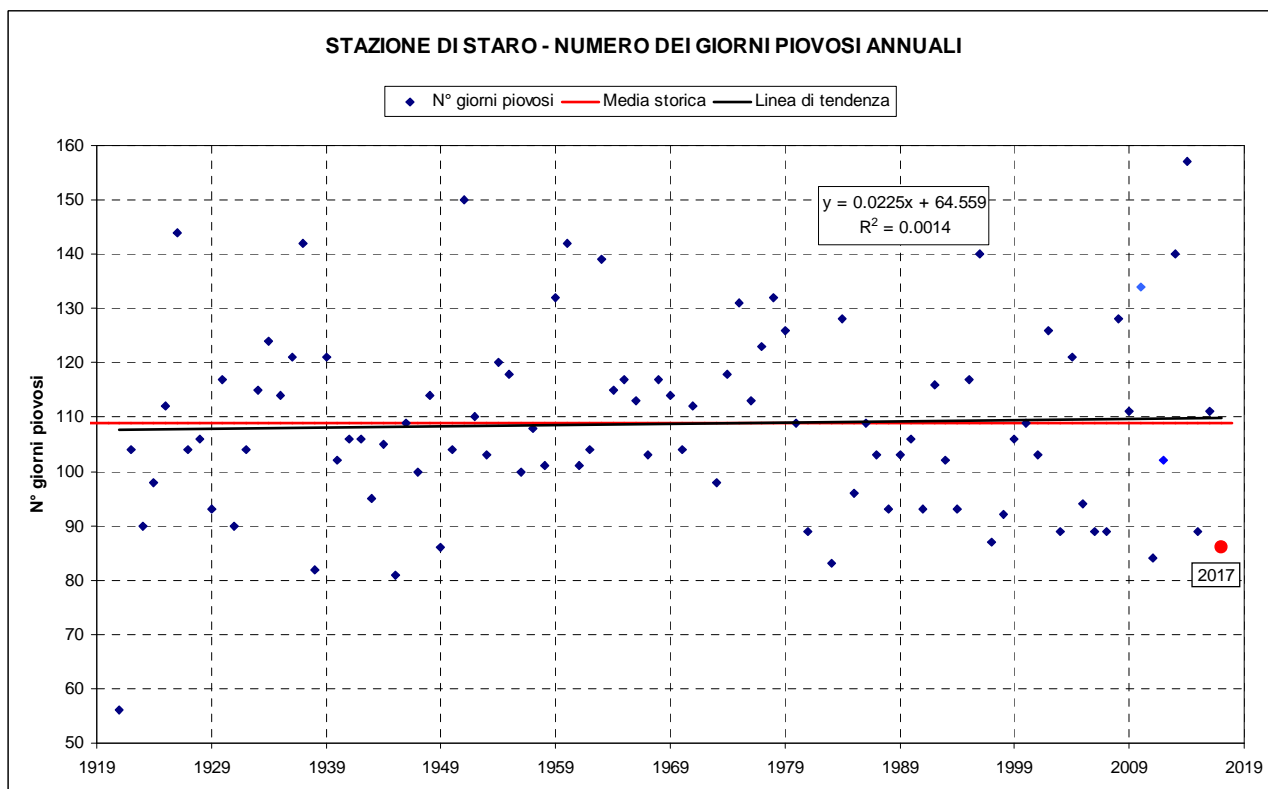


Fig. 22 – Andamento dei giorni piovosi annuali per la stazione di Staro

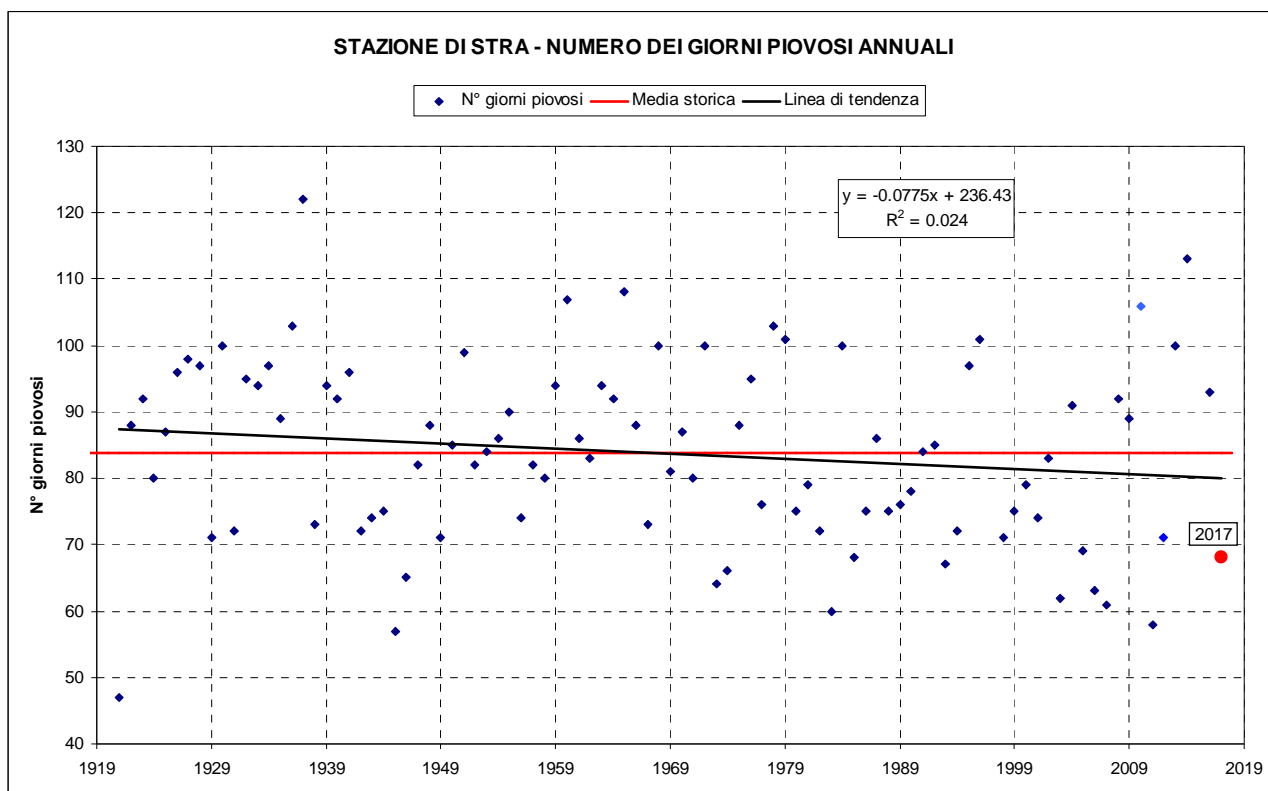


Fig. 23 – Andamento dei giorni piovosi annuali per la stazione di Stra

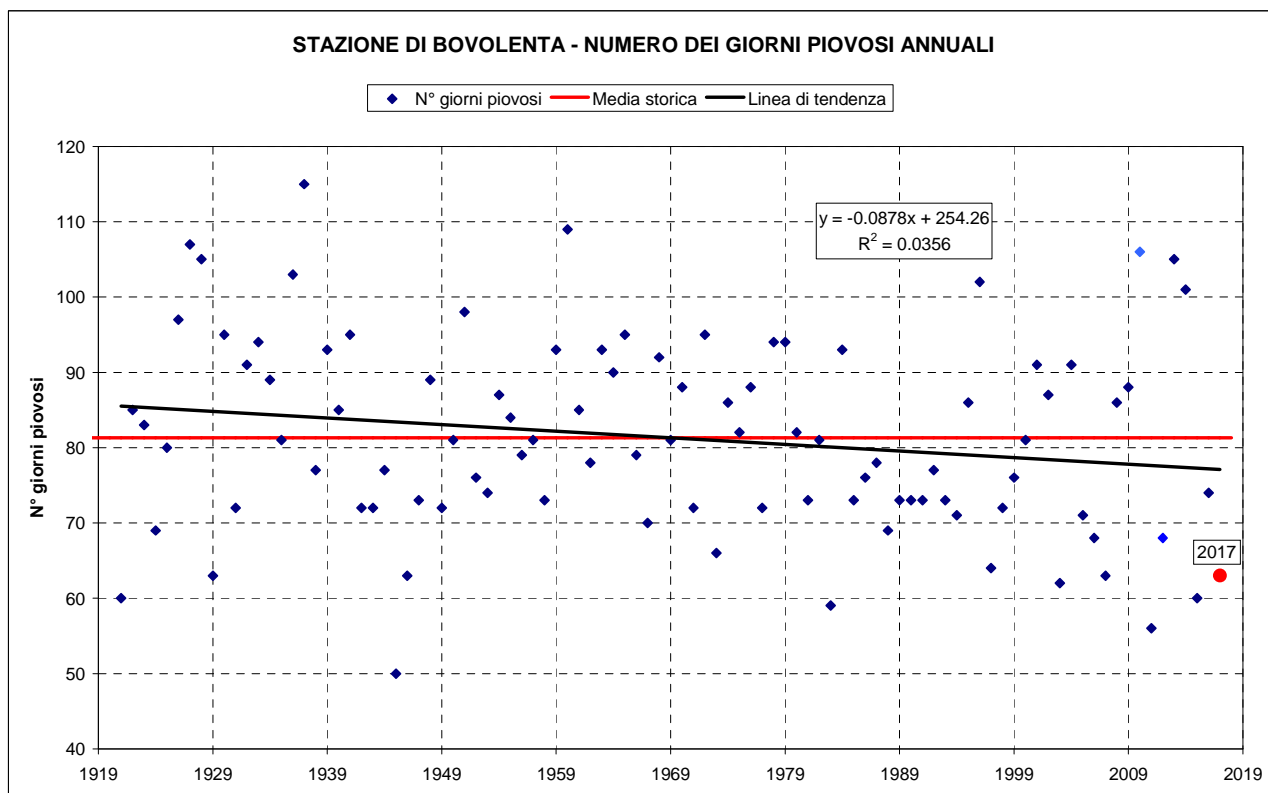


Fig. 24 – Andamento dei giorni piovosi annuali per la stazione di Bovolenta

Allegato 1

Misure Pluviometriche giornaliere

ANNO 2017

SEZIONE B – PLUVIOMETRIA

ABBREVIAZIONI E SEGNI CONVENZIONALI

Pluviometro comune	P
Pluvionivometro	Pn
Pluviometro registratore.	Pr
Pluviometro totalizzatore	Pt
Pluviometro elettronico	Pe
Precipitazione nevosa (misurata al pluviometro)	*
Precipitazione nulla	-
Dato incerto	?
Dato mancante	»
Dato interpolato	[]
Dato totalizzato]]
Gocce	G
Fiocchi (precipitazione nevosa non misurabile)	F

TERMINOLOGIA

1. Altezza di precipitazione (mm): quoziente del volume di acqua raccolta nel pluviometro (compresa eventualmente la neve sciolta) per l'area della superficie orizzontale dell'imbuto raccogliatore.
2. Giorno piovoso: giorno in cui è stata misurata un'altezza di precipitazione uguale o superiore ad un millimetro.
3. Intensità media di precipitazione in un dato intervallo di tempo: quoziente dell'altezza di precipitazione nell'intervallo per la durata di questo.

CONTENUTO DELLE TABELLE

Le tabelle sono precedute dall'Elenco e caratteristiche delle stazioni pluviometriche che hanno funzionato nell'anno.

I valori delle precipitazioni riportati sono espressi in millimetri di acqua e comprendono pioggia e neve fusa.

TABELLA I. – Per ogni stazione riporta la quantità di pioggia caduta giornalmente ed i totali mensili ed annuo della precipitazione e del numero dei giorni piovosi.

Per le stazioni dotate di apparecchiatura a lettura diretta (pluviometri comuni e pluvionivometri) le osservazioni vengono eseguite ogni giorno generalmente alle ore 9 ed il risultato viene attribuito al giorno stesso della misura: il valore segnato rappresenta quindi la quantità di precipitazione caduta nelle 24 ore che hanno preceduto la misura.

Per le stazioni dotate di pluviografo si riporta, per ogni giorno, la quantità di pioggia che dal diagramma risulta caduta nelle 24 ore comprese fra le ore 9 del giorno precedente e le ore 9 del giorno di cui si tratta.

CONSISTENZA DELLA RETE PLUVIOMETRICA AL 31 DICEMBRE 2017

ZONA DI ALTITUDINE M	P	Pr	Pn	Pe
0 – 200		11		
201 – 500		3		
501 – 1000		3		
1001 – 1500				
oltre 1500				
Totali		17		

BACINO E STAZIONE	Tipo dell'apparecchio	Quota sul mare m	Altezza dell'apparecchio sul suolo M	Anno inizio delle osservazioni	BACINO E STAZIONE	Tipo dell'apparecchio	Quota sul mare m	Altezza dell'apparecchio sul suolo M	Anno inizio delle osservazioni
PIAVE									
Portogruaro	Pr	435	1.70	1923	LAGO DI GARDA				
La Guardia	Pr	605	1.70	1955	Peschiera del Garda	Pr	67	1.70	1910
Fener	Pr	177	1.70	1910					
PIANURA FRA PIAVE E BRENTA									
Montebelluna	Pr	120	1.70	1909					
Nervesa della Battaglia	Pr	78	1.70	1924					
Cortellazzo (Cà Gamba)	Pr	1	1.70	1922					
Zuccarello (Idrovora)	Pr	2	1.70	1939					
Chioggia	Pr	1	1.70	1922					
Stra	Pr	8	1.70	1910					
BACCHIGLIONE									
Tonezza del Cimone	Pr	935	1.70	1924					
Crosara	Pr	417	1.70	1909					
Staro	Pr	632	1.70	1919					
Isola Vicentina	P	80	1.70	1912					
AGNO-GUA'									
Recoaro	Pr	445	1.70	1919					
PIANURA FRA BRENTA E ADIGE									
Bovolenta	Pr	7	1.70	1911					
PIANURA FRA ADIGE E PO									
Botti Barbarighe	Pr	7	1.70	1928					

ARPAV – Servizio Idrologico – Rete tradizionale – Osservazioni pluviometriche giornaliere (mm)																			Anno: 2017						
Fortogna													Giorni	La Guardia											
Strumento: Pr														Strumento: Pr											
Bacino: PIAVE														Bacino: PIAVE											
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	GEN		FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	
	0.4	[48.0 *]				3.0			>>	>>	>>	1		[4.0 *]	48.5 ?				4.8		6.6	1.2			
				[26.0	35.4	16.2		18.8	>>	>>	>>	2		0.4			19.0	2.6	7.2		24.2	4.6			
	4.0				1.6		1.6	19.6	>>	>>	>>	3		4.8		0.8	3.6				18.8				
	26.0		6.0		13.2			5.6	>>	>>	>>	4		15.0		2.0	6.0	0.2	2.2						
	8.6	[20.0]	5.2	]	0.2				>>	>>	>>	5		8.0	37.0]	22.6	8.0	0.2			0.2			
	40.6	[6.0 *]	0.2		2.4	6.4			>>	>>	>>	6		19.6	]	1.2		0.6	1.0				126.0	
	18.6			[9.0]	18.6		17.0		>>	>>	>>	7		1.0			8.8	9.8		20.2			0.6		
					3.2	32.4		5.0	>>	>>	>>	8						5.6	10.2		6.2		13.6		
			0.2	0.2		26.8	0.2		>>	>>	>>	9					1.0		17.0	1.4				0.4	
				2.2				46.2	>>	>>	>>	10					4.4		0.2		78.6				
	13.0		3.4			21.8	2.8	13.4	>>	>>	>>	11		8.5 ?				8.8	2.6	13.0				24.0	
			0.8	2.0		5.0	1.4	2.6	>>	>>	>>	12				1.8	10.8		10.8	1.2	11.6			67.2	
4.0 *]				21.8				56.8	>>	>>	>>	13	3.5 *]				15.8				42.8		22.6		
]					1.0	33.0			>>	>>	>>	14	]				5.6		5.2				0.8	
			5.0	11.6	3.0	5.6		3.6	>>	>>	>>	15					11.8	1.0	2.2		6.4				
			2.0	4.6	3.2			15.2	>>	>>	>>	16				8.6	3.4	1.2			13.8			1.0	
							16.4	1.6	>>	>>	>>	17								1.0	1.6				
			0.2					10.4	>>	>>	>>	18				5.0				0.2	5.2				
							0.6	[15.0	>>	>>	>>	19								1.6	11.4				
				5.4		16.6	10.4	]	>>	>>	>>	20					5.0		50.0	14.6				
				4.2					>>	>>	>>	21					6.6	1.2							
					4.6				>>	>>	>>	22						2.4				5.8			
		[2.0]		11.2	0.2				>>	>>	>>	23			3.6		4.6	0.4				10.6			
					0.2	90.6		[23.0	>>	>>	>>	24					0.6		22.6		6.8				
	1.2					34.6		]	>>	>>	>>	25				0.8		16.6	35.2		3.6			
			30.6		25.4	19.2			>>	>>	>>	26				24.0		20.8	6.4	0.2					
		[1.0]	80.0				4.4		>>	>>	>>	27			2.6	49.6				1.0				16.8	
	3.4		36.2		3.8				>>	>>	>>	28		[2.0]		29.4		6.2						62.6	
			15.0		45.4		4.0		>>	>>	>>	29				3.6		32.8		8.2			0.6		
					16.0	3.2			>>	>>	>>	30					15.8	9.0					7.4		
					2.4				>>	>>	>>	31						0.2							
4.0	115.8	77.0	184.8	99.2	176.4	316.8	58.8	236.8	[12.0]	[123.0]	[200.0]	tot. mensile gg. piovosi	3.5	63.3	91.7	149.4	115.0	117.4	193.0	52.2	250.8	22.2	171.6	172.0	
[2]	8	5	9	14 ?	13	15	8	16 ?	[2]	[6]	[5]		2 ?	8	5 ?	10	15	12	15	9	15	4	4	5	
TOTALE ANNUO			1604.6					GIORNI PIOVOSI				103	TOTALE ANNUO			1402.1					GIORNI PIOVOSI				104
Fener													Giorni	Montebelluna											
Strumento: Pr														Strumento: Pr											
Bacino: PIAVE														Bacino: PIANURA FRA PIAVE E BRENTA											
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	GEN		FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	
	2.4	54.4				15.2		12.4			4.4	1			9.0	9.0			3.8		15.0			9.4	
				12.2	15.6	66.8		5.4	3.6			2					7.8	0.8	2.4		10.0	2.8			
	3.6			2.2				27.8				3			1.8		2.0				5.4				
	17.0		1.0	5.4								4			11.2		1.0								
	11.8	23.8	4.8	7.8	7.0					1.6		5			12.2	7.2	7.2	14.0	8.0						
	24.8	1.6	6.0		3.4					109.8		6			29.4	3.4	1.2	1.0				[63.0]			
	1.6			9.6	17.4		1.2			0.2		7			7.6			14.4	14.8		4.4	0.2			
				0.8	8.8			1.4		18.0		8						5.8			1.4		[14.0]		
						19.6						9					3.8		11.9 ?					0.8	
				1.2				29.8				10					1.6				7.2				
	6.4						3.2	10.2			3.8 *	11			0.6				6.8 ?	1.6	9.8			14.6	
			0.4	1.6				16.8			72.4	12							2.4	1.0				24.6	
3.0 *				0.2				8.4		31.6		13	12.0 *]				0.6				31.0		[27.0		
0.4 *				0.2		15.2					0.2	14	]						0.8 ?]		
				13.8	22.8			17.4			0.2	15					17.8	18.4	1.3 ?		3.2			0.2	
			7.8	1.2				9.8			7.4	16				0.4	13.0	0.2	1.0 ?		11.2			7.4	
			1.6					1.4				17				4.0									
			1.0					0.4				18				3.6									
			2.2					6.6				19				1.6					27.4				
				22.0			9.8	1.2				20					7.0			14.6	5.4				
				11.6								21					16.4								
					1.0					9.0		22						1.0				4.4			
		1.2		0.2						16.2		23										21.2			
			4.0			10.0		5.0				24							1.4		9.2				
	2.2		0.8		9.6	16.4		1.0				25			0.8		0.8	1.0		14.6	2.6				
			0.4		20.0	2.6				19.8		26					1.0		17.4	2.4			[39.0		
			72.2							0.2	11.4	27					44.4]		
	1.0		23.2		0.8						64.6	28					45.4		0.2					31.2	
					59.0		14.0			0.8		29				7.0		36.8		4.8			2.8	11.8	
					7.6					12.4		30							12.0				8.0		
												31						2.0							
3.4	70.8	81.0	121.4	94.0	165.4	153.4	28.2	155.0	28.8	194.4	164.4	tot. mensile gg. piovosi	12.0	72.6	19.6	116.6	100.4	104.4	60.4	27.8	139.8	28.6	153.8	100.0	
1	9	4	9	12	10	8	4	15	3	6	6		2 ?	6	3	9	12	8	11	5	14	3	8 ?	6	
TOTALE ANNUO			1260.2					GIORNI PIOVOSI				87	TOTALE ANNUO			936.0					GIORNI PIOVOSI				87

Nervesa della Battaglia												Giorni	Cortellazzo (Cà Gamba)													
Strumento: Pr													Strumento: Pr													
Bacino: PIANURA FRA PIAVE E BRENTA													Bacino: PIANURA FRA PIAVE E BRENTA													
Quota (m.s.m.): 78													Quota (m.s.m.): 1													
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC		GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC		
	6.6	[10.0]				3.0		4.0 ?			2.8	1		17.8	4.6					33.6				6.6		
				10.0		7.4						2		1.2	0.2		10.8		0.4		28.0					
	2.0			1.4								3		1.0			0.2				1.4					
	11.8			0.4	4.0	0.4						4		6.8			0.8				13.8	0.4				
	13.6	[12.0	5.6	19.2				0.4				5		12.4	5.2	3.2	8.0	9.4			0.8	0.2				
	35.2	]	0.2		40.6					62.4		6		45.2	1.4	2.4							20.4		
	10.8			18.2	3.4		2.0	0.2				7		4.6	0.2	1.6	10.4			0.2			4.8			
				0.6		3.2				3.4		8						3.8			[63.0]		7.2	1.2		
				3.2		28.6		0.2			0.4	9					0.4	1.0	6.4			7.8	7.2			
				1.6				5.2		0.2		10				0.2	3.4				[22.0]					
	0.4					7.4	1.8	0.4			13.0 *	11					2.6			17.6			17.4			
				0.2			0.6				6.0 ?	12					4.0						5.0			
11.6 *]				6.0				10.4		7.2		13	7.8 *								5.6	0.2	13.8			
]										1.0	0.2	14	5.0 *									0.4	10.6	0.8		
				18.8	2.4	6.6		2.2				15				0.2	1.4		1.2		0.6	0.4				
			3.2	[13.0]		2.6		9.0			2.4	16				2.0	2.0				7.8	0.4		5.6		
			0.6		1.0			0.4				17		0.2		2.8		2.6				0.2				
			0.8									18				0.4						0.2				
			3.2									19				1.2					14.2	0.2				
				[13.0			10.8	0.2				20							0.4		21.8			0.2		
				]			0.2					21				2.2								
					0.4			0.2				22														
									19.0			23			2.4							7.6				
								0.2				24			0.2											
	2.0			1.2		20.6		0.2				25		1.0		1.6		0.6			32.4	0.2				
			18.4		15.8					12.6		26			0.2			15.0					11.4	0.2		
			55.4							1.6	1.6	27			5.6	26.6		0.2				4.2	2.8			
			43.0		1.8		0.2				16.4	28				19.6							9.2			
					38.2		2.4	0.2		2.0	0.8	29			1.0		23.8		10.8				14.6			
						8.6				7.8		30											1.4			
					1.4							31						0.6								
11.6	82.4	22.0	130.4	106.8	107.6	89.8	18.0	33.4	19.0	98.2	43.6	tot. mensile gg-piovosi	12.8	90.2	20.0	62.8	46.2	55.6	13.6	29.0	245.0	10.4	81.8	70.8		
2 ?	7	3 ?	6	12 ?	8	10	4	5	1	8	6		2	8	5	10	9	6	3	2	11	1	9	9		
TOTALE ANNUO				762.8				GIORNI PIOVOSI				72	TOTALE ANNUO				738.2				GIORNI PIOVOSI				75	

Zuccarello (Idrovora)												Giorni	Chioggia													
Strumento: Pr													Strumento: Pr													
Bacino: PIANURA FRA PIAVE E BRENTA													Bacino: PIANURA FRA PIAVE E BRENTA													
Quota (m.s.m.): 2													Quota (m.s.m.): 1													
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC		GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC		
	15.4	2.8						15.2			1.0	1		5.2	2.4				9.8		3.0			1.4		
	0.2			6.6		1.4		29.0				2	0.2				2.8				3.8					
	1.4			1.4				2.0				3		0.6			0.6				2.4					
	9.0			0.2				4.8		0.2		4		4.4	0.4		0.6					0.2				
	11.0	5.0	1.4	17.8	1.2					0.8		5		15.4	2.0	0.4	14.0	1.8								
	38.2	1.6	0.4						0.2	33.4		6		51.2									13.6			
	4.2		0.2	9.2			0.4			6.4		7		11.2	0.6	0.6	18.8	0.6		1.8			16.4			
				0.2	0.8			5.6		7.4	0.6	8						2.0			16.6		19.6	1.2		
				0.6		7.6				1.0	9.0	9					0.8		0.4			2.4	11.0			
				8.0				12.4				10									25.2		0.2			
						10.6	12.0	0.2	0.2	0.2	0.2	11							10.0	33.8			11.0			
			0.6	0.2		0.4				0.2	4.6	12				2.0		4.6			31.6		0.2	3.6		
11.0 *								7.0	0.2	19.2		13	2.4 *				9.8				5.6		14.6			
6.6 *						6.2			0.4	5.0	0.8	14	12.6 *									0.2	32.2	0.2		
	0.2			1.8	25.4			1.2	0.4			15					0.8		4.4		0.4	0.2				
			0.2	7.8				9.4	0.2		2.8	16	0.2			0.2					23.4	0.2		4.2		
	0.2		3.6		8.4			7.2	0.2			17				15.6						0.2				
	0.2		0.4						0.2			18		5.8												
			3.6					13.2	0.2			19				10.8					14.2					
						12.4	9.6			0.2		20							11.0	12.8						
				1.4								21					6.4									
					0.2							22										7.6				
								0.2	5.4			23										3.4				
		0.2				1.2		0.4				24														
	0.4					13.2		9.8				25		6.0 ?		2.4			39.6		21.4					
					4.4	4.8			0.2	5.4		26			1.6	0.2		12.8	4.2				10.2	0.2		
		1.6	22.8				0.8		0.2	3.0	0.4	27			2.0	19.8						6.6	1.8			
			13.0								13.0	28				9.8							5.6			
					25.0		5.0			0.2	4.8	29					23.8		0.4				5.0			
					1.2	5.0				1.2		30											1.0			
											0.2	31	0.2													
17.6	80.4	11.2	46.2	55.2	66.6	39.8	29.2	139.0	8.0	83.8	37.4	tot. mensile gg-piovosi	15.6	99.8	9.0	61.8	54.6	41.0	63.0	23.2	194.2	12.0	117.0	45.2		
2	6	4	5	8	6	7	3	14	1	9	6		2	7	4	6	5	4	5	3	12	2	9	9		
TOTALE ANNUO				614.4				GIORNI PIOVOSI				71	TOTALE ANNUO				736.4				GIORNI PIOVOSI				68	

ARPAV – Servizio Idrologico – Rete tradizionale – Osservazioni pluviometriche giornaliere (mm)																	Anno: 2017							
Strà												Giorni	Tonezza del Cimone											
Strumento: Pr													Strumento: Pr											
Bacino: PIANURA FRA PIAVE E BRENTA													Bacino: BACCHIGLIONE											
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	
	7.8	5.2						5.8		0.2	>>	1		1.0 *	33.6 *			2.8		1.4			5.4 *	
	0.2			7.2				38.6	[1.0]		>>	2				17.4		1.6		11.4	3.0			
	2.4			0.6	6.0			2.8			>>	3		7.2	0.2	0.8	14.2			31.2				
	5.8			0.4	0.2			0.2			>>	4		13.0	0.2		9.4							
	11.4	0.8	6.6	4.8							>>	5		11.8 *	42.8 *	26.0	6.0	11.4				2.6		
	47.8	0.8	0.2							11.6	>>	6		33.2 *	0.8		8.2				0.2	93.4		
	9.0			14.6			1.8		0.6	9.8	>>	7		14.2			8.2	8.2		21.2		0.8		
					6.8			0.8		15.0	>>	8								39.0		8.8		
				2.8		3.4				0.2	>>	9					3.2		13.0	0.2		4.4	0.4	
				3.4			0.2	20.8			>>	10		0.2			6.8				84.6			
				0.2			1.4	6.6			>>	11	0.4 *	11.2 *					14.8	19.6			23.8 *	
13.0 *						1.0		8.4			>>	12					6.0			2.6			65.0	
5.6 *						[18.0		16.2		[34.0	>>	13	7.6 *				1.2			18.6		10.4 *		
						]				]	>>	14		0.4			0.2		7.8			2.2	
			11.0	9.0	0.8	]		1.8			>>	15					13.4	5.2		6.6			0.2
			0.8	3.4				12.6			>>	16				2.2	11.4	0.2		15.0				
			3.0					0.2			>>	17				0.4			8.4	0.4				
											>>	18				0.6				2.4				
			2.8					9.4	0.2		>>	19							3.0	7.0				
							17.2	5.6			>>	20		0.2			9.0			8.0	1.4			
				15.6			0.2				>>	21					0.8	0.8						
					0.2						>>	22						17.8				4.6		
	0.2	0.2							1.2		>>	23			5.6							12.0		
								0.6			>>	24			6.8				20.4	1.6				
	0.8			0.4		[21.0]		4.0			>>	25		1.2		0.6	53.4	39.2		0.6				
		0.6	0.2		9.8	30.8				12.0	>>	26				10.4	15.8					17.4		
		2.6	19.6							10.6	>>	27			4.2	56.2				0.8			15.4 *	
			20.4								>>	28		5.2 *		17.6		4.0		3.2			49.4 *	
			0.2		26.8					0.2	>>	29				1.0		34.0				1.2 *		
						8.0				1.4	>>	30							14.2			4.0 *		
											>>	31							0.2					
18.6	85.4	10.2	64.8	62.4	50.6	82.2	20.8	134.4	3.0	95.0	[47.0]	tot. mensile gg. piovosi	8.0	98.8	94.2	115.8	107.2	159.0	99.2	55.6	247.4	19.8	145.2	159.6
2	6	2	6	8	4	7 ?	3	12	2	8 ?	[8]		1	9	5	6	12	9	7	5	15	3	9	5
TOTALE ANNUO			674.4				GIORNI PIOVOSI				68	TOTALE ANNUO			1309.8				GIORNI PIOVOSI				86	

Crosara												Giorni	Staro											
Strumento: Pr													Strumento: Pr											
Bacino: BACCHIGLIONE													Bacino: BACCHIGLIONE											
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	
	0.6	24.0				11.0		12.6			[2.0]	1		2.4	57.8			0.4		1.0				
				11.8				5.8	1.2			2		0.4			22.2		1.6		4.4	2.4		
	7.0			4.8	0.2	0.2		3.4				3		10.4		1.0	17.2				27.6			
	12.8											4		18.6			15.2				0.2			
	14.2	16.2	31.2	9.2	1.6							5		15.4	46.8	13.6	4.8	8.8				0.4		
	27.6	0.2	6.0		5.6					65.4		6		47.6 *	0.6			7.8				85.8 ?		
	5.2			9.2	23.4		2.8					7		9.6			10.8	8.2		18.0			0.4	
							5.2		3.4			8								33.4		14.8		
				6.0		2.8	0.6					9							2.6	0.2	0.2		10.2	
				6.2			38.4					10					4.6			0.2	86.8			
	8.6		0.4			4.8	3.4	7.4			15.0 *	11		14.6					2.2	26.0			24.9 *	
			1.0	2.8			2.4	9.6			32.0	12				3.0	12.0		1.2		9.2		103.0 *	
8.2 *				0.6			0.4	7.2		7.6		13	9.4 *				2.8				11.2		11.4	
				0.4					1.8			14		0.4			0.2		9.0				0.8	
				14.0	3.6	4.8		0.2				15					12.6	4.2		8.0				
			1.8	0.4				7.6		2.0		16				15.4	2.4				22.0		0.4	
			2.0				0.2			2.8		17				0.8			2.6					
			2.2									18				0.4				0.4				
								4.4				19							2.2	8.4				
				14.4			24.8	0.8				20					7.4		24.0	2.4				
				2.4								21					10.6							
					3.2				2.8			22			0.2			2.6				12.0		
		4.0 ?		0.2					4.0			23			7.8							12.2		
		7.0 ?				21.2		3.0				24		0.6	11.0				19.8	7.6				
0.8			1.4		0.2	31.8						25		2.4		3.0	3.8	11.8		3.8				
			3.8		13.2	0.6				10.2		26				12.6		0.6	0.6			21.6		
		0.2	41.2								5.0	27			5.8	81.2							21.2	
	1.2		13.2		2.4						39.2	28		5.0		24.4		3.8		0.2			48.4	
			0.2		29.2		0.8			1.4		29					42.4		4.0					
						2.8				3.4		30						2.8	17.4			4.2		
						9.6						31							11.4					
8.2	78.0	51.6	104.4	82.4	82.6	89.6	35.4	105.6	8.0	93.2	98.0	tot. mensile gg. piovosi	9.4	127.4	130.0	155.4	139.0	85.0	75.8	53.4	252.8	26.6	148.8	198.7
1	7	4	10	10	8	8	4	11	3	7	7		1	9	5	8	13	9	8	6	14	3	6	4
TOTALE ANNUO			837.0				GIORNI PIOVOSI				80	TOTALE ANNUO			1402.3				GIORNI PIOVOSI				86	

ARPAV – Servizio Idrologico – Rete tradizionale – Osservazioni pluviometriche giornaliere (mm)																			Anno: 2017						
Isola Vicentina												Giorni	Recoaro												
Strumento: Pr											Strumento: Pr														
Bacino: BACCHIGLIONE											Bacino: AGNO-GUA'														
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC		GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	
	0.8	20.4				0.2		3.2			1.2	1		1.4	62.8						1.0				
	1.2			10.6				2.2	1.6		0.2	2		0.2			13.0		0.8		4.4	1.4			
	5.4		0.4	7.8	12.2			4.4				3		11.4		0.6	12.6				17.4				
	14.0											4		17.2			10.2								
	14.6	23.8	14.8	1.4								5		14.6	42.0	17.0	6.6	7.0					0.4		
	31.0	2.0			17.0					45.6		6		47.2	0.4			7.2					69.4		
	17.6				11.2	0.2		18.4		2.8	2.4	7		12.4			6.4	15.6		14.4			12.0 ?		
								5.6			12.0	8									36.0		22.6 ?		
				7.6		0.4					0.8	9					6.6		0.6		0.4				
				14.6				47.2				10					6.6				84.4				
	6.2						0.2	13.6			0.6 *	11		13.8					2.8	26.0				[
				0.4				4.4			48.2	12				3.2	5.2		1.8		4.0			120.0 *]	
11.8 *				3.4				5.8		8.6		13	7.4 *				1.2				14.4		18.6 ?		
				0.6		0.6				2.2	0.2	14					0.6		11.2					1.0	
					3.6	8.6		3.6				15					1.2	20.6	2.2		13.0				
			2.0	2.0		2.0		12.8			2.4	16				11.2	5.2				20.2			0.4	
												17				0.6				11.8	0.2				
								0.2		0.2		18				0.8					0.2				
								17.0				19									15.0				
				15.0			17.2	2.6				20				7.2		16.8	1.0						
												21					8.4								
					4.2				3.0			22						6.0	0.2			6.4			
		1.2							10.6			23			5.6							13.2			
	0.2	1.0				7.6		7.4				24		0.8	13.2				10.8		11.4				
	1.0		2.2		2.4	4.8		0.2				25		1.8		2.4		1.4	12.8		1.2				
					10.4	5.2				30.2		26				10.0		9.6	2.6				27.8		
		2.4	53.0								10.0	27			5.6	66.0		0.2						16.6	
	0.6		16.6		1.0						57.2	28		4.8		21.8		11.8		0.2				46.4	
					29.6					3.0	5.8	29				1.2		41.8		4.2			1.0		
					0.2	7.4			0.2	10.6		30					1.4	19.2					4.4		
					7.4							31						7.4							
11.8	92.6	50.8	89.0	74.6	80.8	44.2	35.8	130.2	18.2	115.6	125.8	tot. mensile gg. piovosi	7.4	125.6	129.6	134.8	91.0	122.6	69.6	50.2	250.2	21.0	156.2	184.4	
1	8	6	5	9	8	7	2	13	4	8	6		1	9	5	8	13	10	8	5	14	3	7	5 ?	
TOTALE ANNUO			869.4			GIORNI PIOVOSI						77	TOTALE ANNUO			1342.6			GIORNI PIOVOSI						88

Bovolenta												Giorni	Botti Barbarighe												
Strumento: Pr											Strumento: Pr														
Bacino: PIANURA FRA BRENTA ED ADIGE											Bacino: PIANURA FRA ADIGE E PO														
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC		GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	
	6.0	4.8				6.2		1.2			0.4	1		1.8	2.0				5.2		2.6			1.0	
				4.8				3.8	1.2			2					2.8				7.2	1.4	0.2		
	1.2			0.4				9.0				3		0.8			0.4				5.8				
	4.8	0.2		1.2		0.2						4		3.8	0.2		0.8								
	10.0	0.4	2.4	2.2								5		10.4	0.4		7.4								
	43.4		0.2	0.2						8.2		6		44.6									9.6	0.2	
	13.4	0.6		22.8			5.0		2.2	12.0	0.2	7		11.4			21.6	3.0		0.2		0.6	26.6		
								26.2		17.6	0.6	8						0.2			23.8		13.0	0.6	
				0.8						0.2	10.8	9					2.8					0.2	8.2		
								20.8				10									27.2	0.2			
							2.8	9.2			9.0	11							3.4	7.0	0.4	0.4	5.2		
					2.2			15.2		0.4	8.2	12							17.6	0.2	16.0	0.8		3.4	
5.6 *								2.6	0.2	14.8		13	1.4 *				4.0				1.2		40.2	0.2	
6.8 *									0.2	23.0	0.6	14	8.2 *						7.2			2.8			
				0.2	0.4	14.0		0.4	0.2			15						2.4			1.2			0.2	
				5.0				22.4	0.2		1.2	16		0.2							28.2			1.6	
	0.2		2.2					0.4	0.2			17		0.4		1.2					0.2				
	1.6								0.2		0.2	18		1.6										0.2	
			5.0					7.2	0.2			19				10.2				14.4		0.2			
							16.0	8.2	0.2			20							3.2 ?	3.0					
				2.2								21				9.0									
											0.2	22										11.0 ?			
									3.4			23									0.2				
		0.2						0.2				24												0.2	
	2.2					19.6		14.0			0.2	25		5.6		6.6			14.2		13.4				
		2.0			3.2	0.2				14.2		26			3.2				6.0				9.0	0.4	
		5.0	14.0							8.6	0.6	27			2.6	18.6						9.4	1.6		
			8.6								7.8	28				12.4								2.6	
					10.6		1.0			0.2	9.8	29						22.4		1.4			1.0	5.8	
					4.8					0.4		30													
												31	0.2												
12.4	82.8	13.2	32.4	39.8	14.2	47.2	24.8	140.8	8.4	99.6	49.8	tot. mensile gg. piovosi	9.8	80.6	8.4	49.0	48.8	28.0	50.2	8.4	151.4	14.4	112.6	31.4	
2	8	3	5	6	2	5	4	12	3	7	6		2	7	3	5	6	3	5	3	13	2	8	8	
TOTALE ANNUO			565.4			GIORNI PIOVOSI						63	TOTALE ANNUO			593.0			GIORNI PIOVOSI						65

ARPAV – Servizio Idrologico – Rete tradizionale – Osservazioni pluviometriche giornaliere (mm)																Anno: 2017								
Peschiera												Giorni												
Strumento: Pr													Strumento:											
Bacino: GARDA													Bacino:											
Quota (m.s.m.): 135													Quota (m.s.m.):											
GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	GEN	FEB	MAR	APR	MAG	GIU	LUG	AGO	SET	OTT	NOV	DIC	
	1.8	7.4						1.0	0.4			1												
				12.2					0.4			2												
	4.8			15.6				33.4				3												
	7.4				0.4							4												
	12.0	3.2	30.8	4.6	6.4					0.2		5												
	26.2			0.2	8.4					21.8		6												
	5.6			5.8			0.2			6.8		7												
								4.2		8.0	0.4	8												
				0.2						0.8		9												
								11.6				10												
	1.4		2.4				0.6	5.4			17.8	11												
						1.2	13.6	4.8			11.0	12												
3.8 *				9.2				10.2		11.4		13												
	0.2					19.2						14												
				0.2	6.4			5.4				15												
								15.4				16												
			0.2									17												
								2.6				18												
			1.2				0.2	7.6				19												
				5.8			7.4	2.4				20												
												21												
												22												
		0.6							11.8			23												
		30.8				1.4		7.0				24												
			3.0			12.0				1.2		25												
		6.6	3.0		2.4	12.6				14.8	0.4	26												
		0.6	28.2		1.6						4.0	27												
			13.8		0.6						9.4	28												
			0.8		35.0					2.8		29												
				0.2	8.4					8.4		30												
0.6					3.6							31												
4.4	59.4	49.2	83.4	53.8	61.4	58.4	22.0	111.0	12.6	76.2	43.0	tot. mensile gg- piovosi												
1	7	4	7	6	6	7	2	13	1	8	4													
TOTALE ANNUO			634.8					GIORNI PIOVOSI				66	TOTALE ANNUO							GIORNI PIOVOSI				

Dipartimento Regionale per la Sicurezza del Territorio
Servizio Idrologico
Via Tomea, 5
32100 Belluno
Italy
Tel. +39 0437 935600
Fax +39 0437 935601
E-mail: dst@arpa.veneto.it



ARPAV

Agenzia Regionale
per la Prevenzione e
Protezione Ambientale
del Veneto

Direzione Generale
Via Ospedale Civile, 24
35121 Padova

Tel. +39 049 82 39301

Fax. +39 049 66 0966

e-mail: urp@arpa.veneto.it

e-mail certificata: protocollo@pec.arpav.it

www.arpa.veneto.it