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Three centuries of daily precipitation in Padua, Italy, 1713–2018: history, relocations, gaps, homogeneity and raw data

Dario Camuffo[1] · Antonio della Valle[1] · Francesca Becherini[2] · Valeria Zanini[3]

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Abstract
Long instrumental records are fundamental to study climate changes, but their reliability and quality have to be checked before any statistical research. Moreover, when metadata are used to solve some problems, data interpretation may change and require further work to refine the series. A thorough revision of the three-century precipitation series in Padua (1713–2018) shows that the results of previous analyses were affected by serious biases. This paper clarifies key features concerning early instruments, exposure, relocation and observational protocols. The daily analysis pointed out a number of problems, bias, irregular sampling and underestimations that have passed unobserved so far. A comparison with the parallel series of Bologna and Venice made it possible to distinguish bias from the climate signal or to reconstruct missing data. The instrumental threshold was recognized to be fundamental to determine the frequency of precipitation, but less important with respect to its amount. This paper provides a methodological example to test the goodness of long instrumental series, in particular to identify problems related to metadata and observations, which is the preliminary step to perform a sound correction and obtain a reliable series. It also includes the set of original raw data, transformed into modern units.

Keywords Climate change · Precipitation · Early instruments · Raingauge · Long instrumental series · History of meteorology

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✉ Dario Camuffo
d.camuffo@isac.cnr.it

[1] National Research Council-Institute of Atmospheric Sciences and Climate, Corso Stati Uniti 4, 35127 Padua, Italy

[2] National Research Council-Institute of Polar Sciences, Via Torino 155, 30172 Venice Mestre, Italy

[3] INAF-Astronomical Observatory of Padova, Vicolo dell'Osservatorio 5, 35122 Padua, Italy

1 Introduction

The mathematical analysis of long instrumental records is the basis of our knowledge on climate change. However, the scientific and technological progress occurred from the early period and other circumstances may have affected in different ways the data quality. Long records may be composed of readings with uneven quality, but this is not always evident and biases may be interpreted for climate signal. Statistical tools are available to detect discontinuities in a series, but they do not give any indication on how to correct data, a delicate operation that has to be performed coupling mathematical results with metadata. The long precipitation series of Padua, Italy, constitutes a methodological example to identify problems and find solutions.

In the antiquity, the raingauge was known in India and Palestine, and in the middle age in China and Korea, but not in Europe. At the Padua University, where Galileo Galilei and Santorio Santorio invented and improved the thermoscope (Camuffo 2019), Benedetto Castelli was a student of Galileo and in 1639 "invented" the raingauge (Castelli 1639). In 1709, in the same University, Marquis Giovanni Poleni, Professor of Astronomy and Meteors (with reference to the Aristotle's books of Meteors), built thermometers and barometers (Poleni 1709) and began to take meteorological observations, but irregularly, until he joined the network of the Royal Society, London (Jurin 1723). This record was continued by Giovan Battista Morgagni, Giuseppe Toaldo, Vincenzo Chiminello and others, and is still going on. The series is almost unbroken over 3 centuries, with only 1.8% missing data, potentially recoverable from qualitative daily weather Logs of other observers in Padua or daily records taken in neighbouring towns. All original Logs and related documents concerning the origins and the Specola are preserved in the Historical Archive of the Astronomical Observatory (HAAO), Padua, and the Marciana Library, Venice.

The series constitutes a mine of historical and climate information. Over the centuries, it was studied and commented by several scientists, most of them based in the same building where measurements were taken; therefore, they could have examined most details. In the past, the main studies were performed by Toaldo (1770), Zantedeschi (1869), Lorenzoni (1873), Millosevich (1881), Favaro (1906), Padova (1913), Eredia (1921) and Crestani (1926a, b, 1935). In recent times, the research has continued intensively regarding precipitation (Camuffo 1984; Marani and Zanetti 2015), historical context (Camuffo 2000, 2002a, 2019), temperature series and early thermometers (Camuffo 2002b, c; Cocheo and Camuffo 2002; Camuffo and Bertolin 2012), air pressure (Camuffo et al. 2006), relative humidity and early hygrometers (Camuffo et al. 2014).

Despite the previous publications, precipitation remains still obscure for a number of unsolved problems related to instruments, exposure and incorrect or irregular sampling that will be considered in this paper. More precisely, Camuffo (1984) recovered from the original Logs and analysed monthly precipitation (ESM1). However, it was not possible to evaluate and separate the climate signal from observations and instrumental bias because (i) the monthly resolution was too low, (ii) it was unknown that the observational protocol was disregarded by some observers and (iii) no other contemporary series was available in the same geographic area for comparison.

After that, a lot of drawbacks and obscure items were pointed out that made necessary the revision (with correction or integration) of several decades of the record, as specified later. In addition, the study of the contemporary series of Bologna (Camuffo et al. 2016, 2017, 2019) and Venice (Pollaroli 1764–1767) made it possible to clarify and reconstruct the obscure periods and conclude this long study with a methodological effort described in this paper.

Marani and Zanetti (2015) recovered the data from the original records as they were, without fully examining the history of the datasets selected to compose the series. The original raw data are affected by inconsistencies and thus include heterogeneous sources of uncertainties that may affect the results of statistical analyses.

This paper is devoted to the recovery and revision of data and metadata (e.g. the most likely description of the earliest instruments, their location and exposure that were unknown in the early period) and individuate observational errors, in order to investigate non-homogeneous periods and turning points, provide methods to correct the series and fill gaps, taking advantage of contemporary sources. The original raw data, transformed into daily values and precipitation depth in modern units, are enclosed (ESM18–23). A second paper will follow, with the corrections needed for this precipitation series and the analysis of the climate signal. The final aim is to produce a high-quality daily series, carefully checked and corrected for observational errors and obscure periods.

2 Main periods of the precipitation series

An overview of the series, including observers, exposures, instruments and other features, is reported in Fig. 1.

2.1 1709–1718. The earliest observations by Giovanni Poleni

Giovanni Poleni (ESM 2) knew the Castelli raingauge, i.e. a simple glass vessel with cylindrical shape and open top, about 30 cm deep and 15 cm in diameter exposed on the free land, and knew that Towneley from 1677 to 1704 and Derham from 1697 to 1716 measured precipitation with a funnel fixed to the roof and a pipe transporting water to a reservoir in a room under it. However, he never specified his preferred exposure, either at ground level or on the roof. It is possible that till 1718 Poleni used a simple vessel or a metal box to collect rain. A metal box with open top was the most popular solution for funnels in the eighteenth century because cubic funnels were easy to build, respected a selected size and were very effective in catching snow and hail, without splash-in and splash-out. The building location is also unknown, except that it was at his first house, left in 1718, about 1 mile (1.6 km) far from his new house (CF 1725) (label 1 in Fig. 2).

The readings from 1709 to 1715 were lost and only the yearly precipitation for 1713 and 1714 are known because they were reported in a copy of a confidential letter, marked CF (1725) and addressed to Andrea Forzadura (Fig. ESM1). From 1716 to 1725, a Log exists, written in Italian, with columns for observations of air pressure, temperature, precipitation and weather notes (Fig. ESM2) (Poleni 1716–1725). However, only a few pages are filled, i.e. from January to 9 July 1716, from 12 October 1716 to 2 May 1717, and then, some random measurements from February to August 1718 when he changed house. The empty pages do not imply that Poleni missed his observations, and the CF letter specifies that Poleni wanted to keep confidential his observations. He intended to produce a complete, well-ordered record, but this was never done.

In the CF letter, the amounts are reported without the unit. However, the monthly totals of January to April 1725 differ from the corresponding values in the Log, certainly written in London inch (25.40 mm) and become identical if the values in the CF letter are read as Paris inch (27.07 mm). The yearly precipitation was 715 mm in 1713 and 617 mm in 1714.

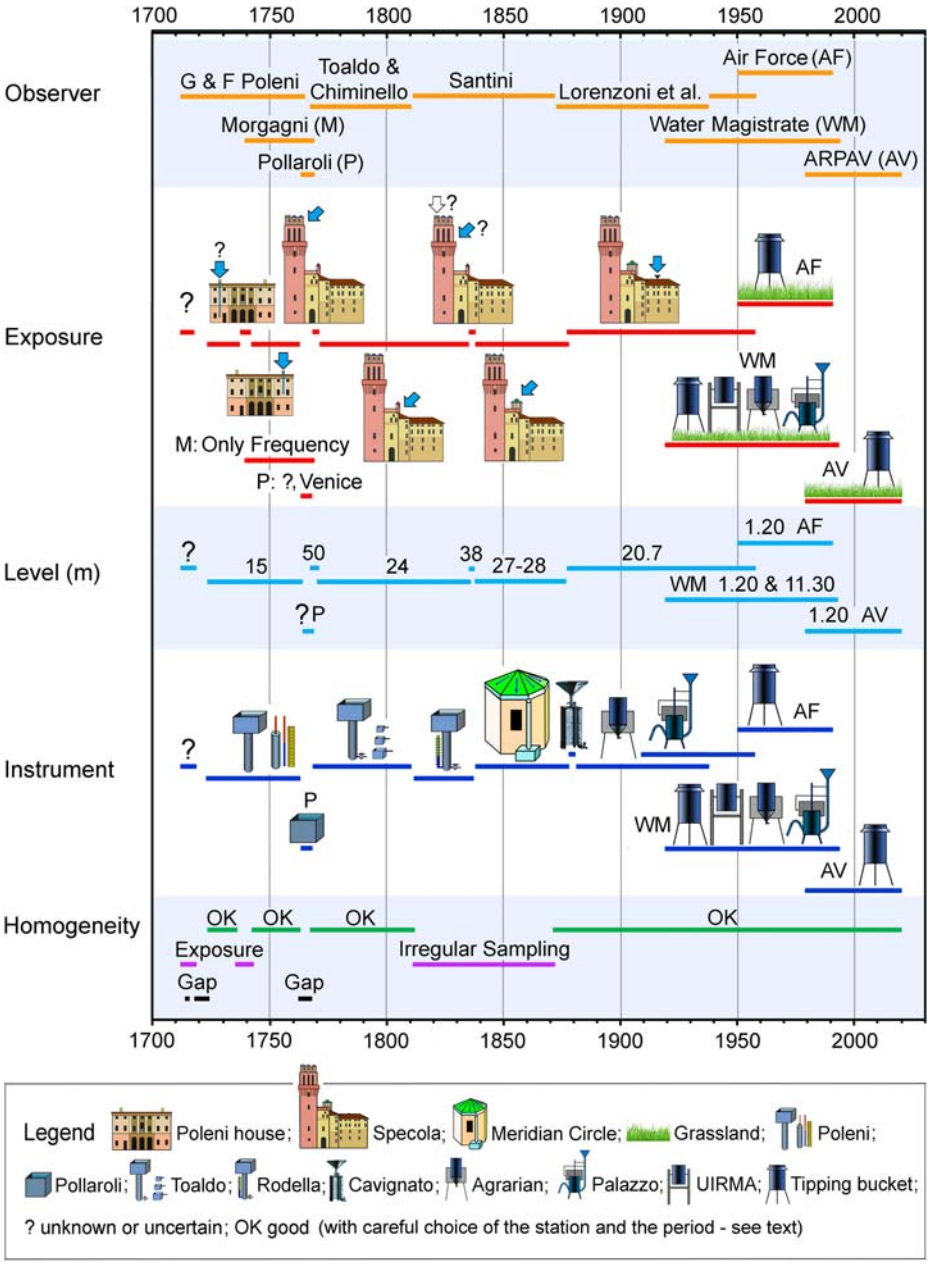

Fig. 1 Overview of the precipitation series

2.2 January–December 1724. Giovanni Poleni and the invitation of the Royal Society, London

In 1724, Poleni started regular weather observations following the invitation by Jurin (1723) to join the meteorological network of the Royal Society, London. Jurin gave instructions

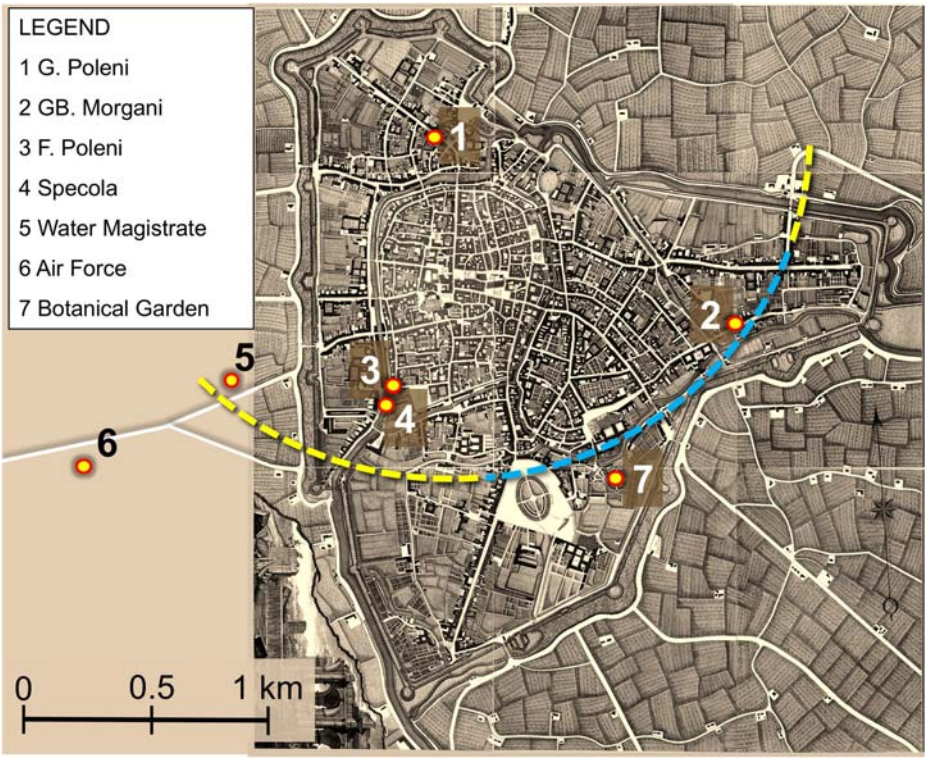

Fig. 2 Raingauge locations in a map of Padua, eighteenth century (Valle 1781). Before 1718, Giovanni Poleni inhabited in proximity of the dashed arc, most likely the cyan sector, 1 mile (1.6 km) from his second house (1)

concerning instruments and reading protocols. The funnel was required to be 2 or 3 ft wide (i.e. with square section) and exposed in a fully open location without obstruction of trees or buildings. It should be connected with a reservoir, and any leakage or evaporation loss should be minimized. The collected water should be measured with a cylindrical vessel graduated in inches and decimal parts. The ratio between the sections of the funnel and the cylinder should magnify 100 times the rain depth. Snow should be melted and then measured.

In his letters to the Royal Society, Poleni described his thermometer and barometer (Poleni 1731, 1738) because they differed from the Jurin protocol. The raingauge was not described and one should assume that it complied with the instructions, at least broadly.

Poleni house was a three-storey building, with big garden, located in San Giacomo District (1 in Fig. 2, Fig. ESM3). The raingauge exposure was not specified. Only the yearly total (532 mm) is known, having been reported in the CF letter.

2.3 January 1725–March 1764. Giovanni and Francesco Poleni: the regular series, part of the network of the Royal Society, London

In his new house, Giovanni Poleni took regular measurements from 1725 to his death in 1761. He instructed a servant to perform readings when he took holidays when July or August was hot. His son Abbot Francesco assisted Giovanni and continued from his death until April 1764, when he moved to the convent of the Filippini Fathers (3 in Fig. 2). In the new location, the

temperature readings became different and Giuseppe Toaldo, the new Professor of Astronomy and Meteorology, discouraged Francesco from continuing, causing a gap.

Neither Giovanni nor Francesco gave indication about the raingauge, its location and exposure. Toaldo who had close contacts with Francesco and saw the instrument, specified (Toaldo 1770) that the funnel was a box with square section and flat bottom, and that Poleni measured the collected water by dipping a graduated rod into the vessel (Fig. 2a).

Poleni measured at home (Camuffo 1984, 2002a) because (i) he taught at home; (ii) barometer and thermometer were kept in his library; (iii) all the observations were taken simultaneously; (iv) readings continued till the last day of life, and beyond with Francesco; and (v) Toaldo saw the instrument. The raingauge could be located in the garden, following Castelli style. This required to locate the instrument in an uncomfortable position far from the house. In addition, the Bovetta canal, flowing on the side (Fig. ESM3ac), sometimes flooded the garden and some rooms. The other option was the funnel on the roof, as Lorenzoni (1873) and Crestani (1935) believed, but without explaining why. Toaldo saw the raingauge exposure, but not mentioned it because he considered it obvious: this leads to suppose that was the same exposure that Toaldo kept later, i.e. the roof that had free horizon in all directions. This responded to the Jurin request and followed Towneley and Derham. The roof exposure was typical in the eighteenth century and was recommended by the *Societas Meteorologica Palatina*, Mannheim (Hemmer 1783; Camuffo 2019). Cotte (1788) illustrated the method: the funnel was fixed on the top of the chimney, a pipe descended through the chimney and reached a collecting vessel located in a room (Fig. 3a). For Poleni, the most likely position (Fig. 3b) was the chimney above the library on the first floor, where he kept barometer and thermometer, and never made fire, as recommended by Jurin (1723), so that the pipe was compatible with the chimney. The eastern chimney had also the advantage of minimizing the building disturbance, because in Padua and Venice, most of the rain comes from north-east (Camuffo et al. 1984, 1988) (ESM6, ESM7).

The 1725–1764 handwritten Log is in Latin, in good order, with data in columns, 1 month each page, one reading a day and very clear handwriting, with date in both Julian and Gregorian style (Fig. ESM5ab). It is kept in HAAO (Poleni and Poleni 1725-1764) . In the eighteenth century, the classical language for scholars was Latin, and Italian was used for notes or personal use. Poleni published the first decades in the Transactions of the Royal Society (Poleni 1731, 1738) and the Academy of St Petersburg (Poleni 1740).

2.4 1740–1768. Morgagni and his parallel observations

Giovan Battista Morgagni (ESM2) was a good friend of Poleni and assisted him in 1709, when he built his thermometers and barometers. In 1740, he decided to start a parallel series with indoor/outdoor readings for medical purposes. Morgagni observed at home, in S. Massimo Street, 1 mile from Poleni's house (2 in Fig. 2). The Log (Morgagni 1740–1768) was in Italian and the handwriting was good in the early period, but worsened with the age. Time was computed in Italian style, i.e. the new day started at sunset, and the observing time, i.e. sunrise and 2 h after noon, apparently changed over the calendar year. The Log is composed of pages with columns for date and hour (two readings a day, plus a note for the night), barometer, external and internal thermometers and weather notes from which it is possible to know whether the day was clear, cloudy, foggy, rainy, snowy or dewing, with some specifications and adjectives useful to classify intensity, amount or duration (e.g. a few drops, drizzle, light rain, rain, continuous rain, heavy rain) and distinguish precipitation from condensation (Fig. ESM6).

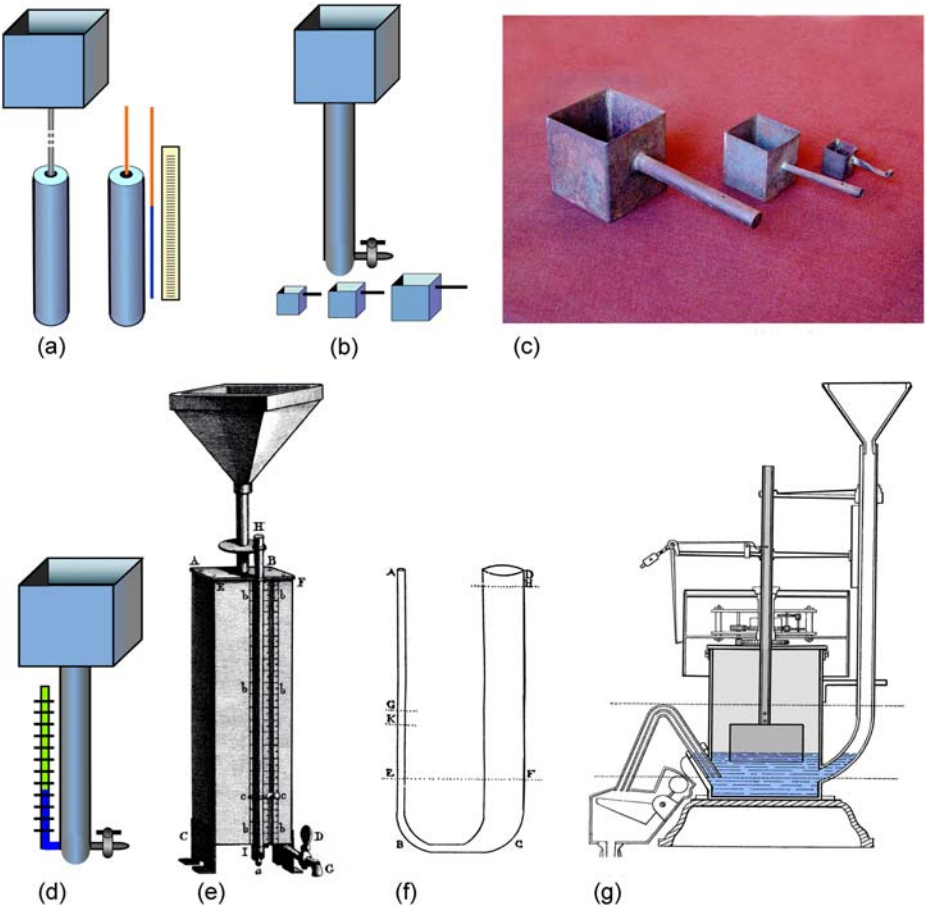

Fig. 3 **a** Poleni raingauge, 1724–1764. Measuring method: graduated rod. **b** Toaldo and Chiminello raingauge, 1768–1813. **c** The original measuring cups. **d** Raingauge built in 1811 by Rodella under the direction of Chiminello, used 1814–1837. Precipitation was read on an external glass tube. **e** Raingauge designed by van Musschenbroek (Brunings 1789). **f** Communicating vessels with different sections (Poleni 1709) that inspired the external tube. **g** Palazzo siphon self-recording raingauge (Specola 1910–1937, Water Magistrate 1921–1934)

2.5 The main gap: April 1764–December 1767

From April 1, 1764, when Francesco Poleni moved, till 1768, when Toaldo started his observations, nobody recorded the daily amounts. However, these are reported in black ink inside the Morgagni Log, as if Morgagni had continued using the raingauge of his dead friend. Toaldo acknowledged of having filled himself the gap from April 1764 to December 1767, by writing the amounts of months with equal precipitation frequency (Toaldo 1770). This is equivalent to suppose a constant ratio between frequency and amount. Crestani (1935) tested this approach and found that it was not good. In the last part of his life, Crestani worked to recover the contemporary observations, but could not publish them.

Two methods exist to fill the 1764–1767 gap: using indexes or a nearby station. In the former method, the accurate descriptions in the Morgagni Log can be transformed into an index and quantitative values, using for calibration the observed amounts in the Poleni record

over the 24-year common period. This method follows a long tradition for documentary sources (Rodrigo et al. 1994; Brázdil 1996; Alcoforado et al. 2000; Diodato 2007; Domínguez-Castro et al. 2008, 2012, 2019; Camuffo et al. 2011; Fernández-Fernández et al. 2014; Santos et al. 2015). The second method is based on contemporary records from nearby sites, and Venice, 37 km East of Padua, was the closest one. In this period, the *Giornale di Medicina* (Medicine Journal) published monthly weather tables with daily observations made by Tomaso Temanza (April to July 1764) and Nicolò Pollaroli (August 1764 to December 1767) (Fig. ESM7). They used a very simple raingauge: a cubic box made of copper, with flat bottom and vertical walls. In the literature, several long precipitation series were obtained by combining records taken at different sites in the same geographic area and/or at different levels from the ground, although this opens issues concerning the homogeneity of the resulting series (Wales-Smith 1971; Craddock 1976, 1979; Craddock and Craddock 1977; Craddock and Wales-Smith 1977; Wigley et al. 1984; Wigley and Jones 1987; Demarée et al. 2002; Alcoforado et al. 2012; Burt and Ferranti 2012; Todd et al. 2015; Murphy et al. 2018; Burt and Burt 2019).

On the yearly or monthly timescale, the precipitation in Venice is highly correlated to Padua and is 8% less; however, on the daily scale, local phenomena may lower the correlation. A critical comment on the two approaches will be made in a future paper.

2.6 January 1768–July? 1771. Toaldo at the Specola during the refurbishment works

In 1764, Giuseppe Toaldo (ESM3) was appointed to the chair of Astronomy and Meteorology. He was charged to adapt the main Tower of the Carraresi medieval castle and transform it in Astronomical Observatory, called the Specola. During the refurbishment works, thermometers and barometers were relocated, but no mention was found about raingauge relocations in Toaldo (1770, 1786), Lorenzoni (1873) and HAAO. The most probable position can be deduced from the time flow of works that started from the top of the main Tower (Lorenzoni 1921). In September 1767, the masonry works for the upper Observatory on the top of the Tower were concluded and a temporary pavement for the terrace above it was set in place. In this terrace (Fig. 4a, Fig. ESM8), three small towers for the astronomical observations were built between May and September 1771. From January 1768 to May 1771, this terrace was the only possible exposure, with completely free horizon. It was 50 m above ground, but uncomfortable due to the too many steps to climb.

The raingauge (Toaldo 1770) (Fig. 3b) was composed of a cubic vessel collector, 1 Paris foot side length, and another narrow vessel, where the collected rain passed, closed around to avoid evaporation loss. The measurement was made using three cubic cups (Fig. 3c) with 1-, 2- and 3-in. side length, having 1, 8 and 27 in.^{3} capacity. The small cup corresponded to 1/12 line or 1/144 in. of precipitated water (0.188 mm).

Toaldo considered precipitation "any form of water falling from the sky, i.e. rain, snow, hail, dew, fog or any other type" (Toaldo 1770), i.e. when the raingauge collected some water, even originated by condensation (e.g. dew and fog). It should be noted that in the WMO definition of precipitation (WMO 1966, 1975, 1992), dew and fog are excluded, and they are not recorded by the modern raingauges with heated funnel. In long series, this critical factor may introduce discontinuities: it may markedly change the precipitation frequency, less the amount.

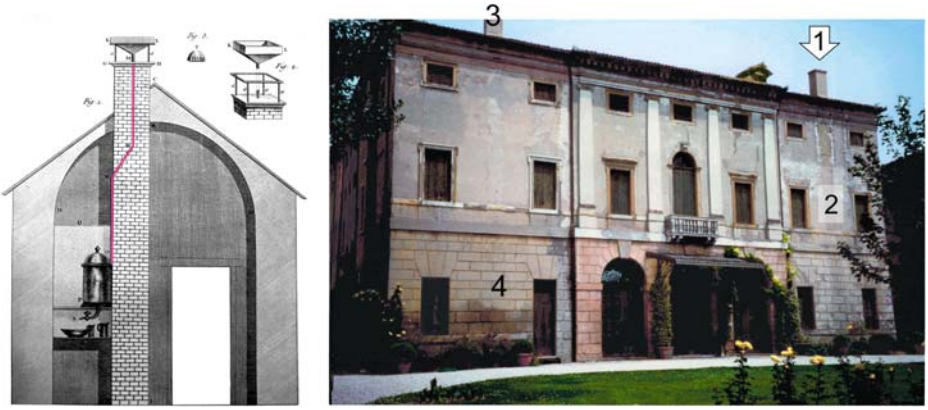

Fig. 4 **a** Scheme of indoor raingauge, pipe connection through a chimney and funnel on the top (Cotte 1788). **b** Poleni house and the most likely position of the funnel on the roof, 15 m above ground. (1) Chimney above the library; (2) library with weather instruments, first floor; (3) chimney above the physics laboratory; (4) physics laboratory, ground floor

2.7 August 1771–December 1811. Toaldo and Chiminello at the Specola, and the *Societas Meteorologica Palatina*, Mannheim

In August 1771, the works on the eastern terrace at mid Tower level (24 m above ground) were concluded (Lorenzoni 1921). The terrace (ESM9) was planned to host the raingauge on a protruding border of its eastern side, between two small turrets located on the corners (Fig. 3a, Fig. ESM8).

Toaldo started his observations to continue the Poleni series (Toaldo 1770) and worked alone till 1777. After, he had an excellent co-worker, his nephew Vincenzo Chiminello. Toaldo was a good and accurate scientist but his handwriting is not always clear or in good order (Fig. ESM9ab). Chiminello (ESM3) was very accurate and ordered (Fig. ESM10). In 1783, they adhered to the network of the *Societas Meteorologica Palatina*, Mannheim (Hemmer 1783; Toaldo 1794). Toaldo ceased observing 3 days before his death, the 11 November 1797. After, Chiminello was appointed to the same chair and became Director of the Specola. The assistant astronomer Giovanni Santini and the technician Giovanni Battista Rodella were charged of the meteorological observations, and the assistant astronomer Francesco Bertirossi-Busata of the astronomical calculations. When in 1811, Chiminello had the second apopleptic fit, he was unable to teach, lost the control of the activities, abandoned the Specola and died in 1815. In 1812, the chair of Astronomy was unofficially assigned to Santini. This introduced a formal gap in the direction and the data quality of the series started worsening.

Toaldo Log is in Italian, but the period 1780–1786 was later published in Latin, with comments and notes under the Padua Academy (Toaldo 1786; Toaldo and Chiminello 1789, 1794). Although with some exceptions, Toaldo gave clear indication about the instruments and their location (Toaldo 1770) in the yearly *Giornale Astro-Meteorologico* (Astro-Meteorological Journal, ESM3).

2.8 January 1812–August 1836. The sickness of Bertirossi-Busata and Conti

In 1812, Santini charged Bertirossi-Busata of the weather observations (ESM3). However, from 1816, he suffered gallbladder and liver sickness and was less disposed to climb the long stair and observe the collected water under the rain. Observations were prevalently made when the rain stopped: they became irregular, most amounts were due to the water collected in the

previous day and the delayed reading increased the evaporation loss. Bertirossi-Busata operated alone and in the last 2 months of his life, September and October 1825, observations are missing. Rodella continued the observations until a new assistant, Carlo Conti, was in charge from 1827 to 1842. However, the quality of the observations remained low. In the precipitation column, the frequency of days with rain amount was penalized. Rainy days can be recognized from the column of the weather notes, because the observers correctly reported short descriptions, e.g. rain, light rain, a few drops, intense rain, snow, snowflakes and other details, but without the correspondent amount in the precipitation column. The irregular sampling had a minor effect on the monthly totals, but generated false extreme events when the cumulative amount of one, two, three or even more days was read.

The Log (Fig. ESM11) is apparently in good order, but contradictory values and notes are reported, e.g. rainy days without precipitation amount or huge amounts in clear days. A precious support is given by the yearly climate reports published by the medicine doctor Jacopo Penada in the *Giornale Astro-Meteorologico* and in other publications where he linked medicine with climate from 1786 to 1827.

The raingauge (Fig. 2d) was built by Rodella under the supervision of Chiminello (HAAO). The funnel was a cubic box, made of copper, 1 Paris foot side length, as before. The water percolated through a small hole into a cylindrical, vertical vessel, whose internal diameter was about 64 lines, i.e. 144 mm. The two sections were 144 and 22.33 in.^{2}, and the precipitated depth was magnified 6.45 times (Lorenzoni 1873). A glass tube was connected to the bottom of the vertical cylinder, parallel to it, to make the level of the water inside the cylinder visible. A graduated scale was placed behind the tube. With the above magnification, 1/12 of Paris line of precipitated water was equal to 1.2 mm in the glass tube. This was a useful technological advancement to make readings easier but introduced a small threshold with some stagnant water in the siphon and a small error for capillarity. Similar raingauges (Fig. 2e) were in use at Zwanenburg, The Netherlands, from 1735 to 1861, designed by Petrus van Musschenbroek who took inspiration from Poleni (Burnings 1789). In reality, Poleni never built such an instrument, but discussed this principle, i.e. the equilibrium of liquids in communicating vessels with different sections (Poleni 1709; Fig. 2f). The raingauge exposure was unchanged.

September 1836–December 1837. The works on the terrace In September 1836, Santini decided to demolish the two turrets on the eastern terrace (Fig. 4a; Fig. ESM8). In the middle between them, in the position where the raingauge was located, he built the Meridian Circle Room (Fig. 4b–f). The eastern terrace was small (9.30 m × 4.60 m) and during the works the raingauge constituted an obstacle to workmen, the funnel would have been filled with lime dust and the reading glass tube would have been obscured. Neither Lorenzoni (1873) nor other sources mention if and where the raingauge was moved. The Log has neither gaps nor comments. This suggests that the displacement was close and easy. The most probable location (Fig. 4a, b, Fig. ESM8) is the small terrace surrounding the main Tower, 38 m above ground. Another possibility is the 1768–1771 uncomfortable position on the top of the Tower, but this is hardly credible because Conti minimized any effort for meteorological observations.

2.9 January 1838–December 1877. The dome used as water collector

The octagonal Meridian Circle Room was finished in June 1837 and Santini decided to use the metal dome as an enormous funnel, 27.485 m^2 (Fig. 4c–f), 27–28 m above ground. In

November 1838, the dome was connected with a metal piping system and measurements started from January 1838 (HAAO; Lorenzoni 1873; Favaro 1906; Crestani 1935). The collected water was transported via gutters into a copper-lined wooden box with 1.482 m^2 section, so that the precipitation depth was magnified 18.55 times (Fig. ESM12). The dome was convex with 25° average slope and was not convenient to catch hail, windborne snow, drizzle or showers with strong wind; however, it was very big and its performance was better than the previous small funnel.

The Log bookbinding missed the pages from May to December 1838. In this period, the astronomical logs and the *Giornale Astro-Meteorologico* report the monthly totals and daily notes including the frequency (Fig. ESM13). The daily amounts are lost.

Examining the Logs, readings continued to be performed after the end of the precipitation, e.g. the day after, or collecting together the amounts of two or more precipitation days (Fig. ESM14). The reading delay continued even in days of persistent rain, and the first amount was reported the second precipitation day and the last amount the first clear day.

In the 1860s, when Italy was reunited, an effort was made to organize a national weather service, homogenize observations and send them to the Central Office, Rome. In 1865, Lorenzoni was charged of this responsibility and the situation was improved from 1867 to 1871. Since 1867, the readings followed the schedule of the Central Office and were published on the journal *Meteorologia Italiana* (Italian Meteorology).

2.10 January 1878–14 September 1938. The roof of the building next to the Specola

When Lorenzoni became Director of the Specola, he abandoned the dome and installed new funnels on the top of the roof of the Astronomer house next to the tower, 18 m east of it, 20.7 m above ground (Fig. 5f). A pipe transported the collected water in the underlying room, 5 m under the funnel, where it was measured.

The technician Giuseppe Cavignato built the first raingauge in copper, brass and iron frames (HAAO). The funnel was pyramidal with square base of 0.4 m^2 (Fig. ESM15) (Favaro 1906; Crestani 1935). A pipe transported the collected water into a cylindrical vessel located in the room below it. The ratio between the sections of the funnel and the collecting vessel magnified it 22 times. The bottom of the cylinder had connected a vertical glass tube to measure the precipitation depth. The diameter of the glass tube was 10 mm to avoid capillarity. It had a discharge tip. It was installed and calibrated in 1877, but the regular record started in 1878.

In this period, an effort was made to homogenize the Italian weather observations and the Direction for Agrarian Meteorology, Rome, sent a standard raingauge, Agrarian Model (see later), 1000 cm^2 funnel section, to substitute the Cavignato gauge. It was used from 1880 to 1910.

In October 1910, the Water Magistrate sent a self-recording raingauge (Fig. 3g). This was the siphon self-discharging instrument invented by Hellmann and improved by Palazzo (Camuffo 2019). Lorenzoni added a funnel, with conic shape and 36-cm internal diameter (Fig. ESM16), connected via a pipe to the recording instrument. The two funnels were located close to each other and the two measuring instruments were in the same underlying room.

In 1920, when the Water Magistrate decided to found a new meteorological observatory, the Specola continued the weather readings for some years to establish a relationship between the old and the new series, and then stop. The observations were charged to an ungraduated technician. The situation worsened in 1926, when Giovanni Silva was appointed Director. Silva decided to abandon the meteorological observations, use the Specola for University teaching and move the astronomical observations in a new Astronomical Observatory planned

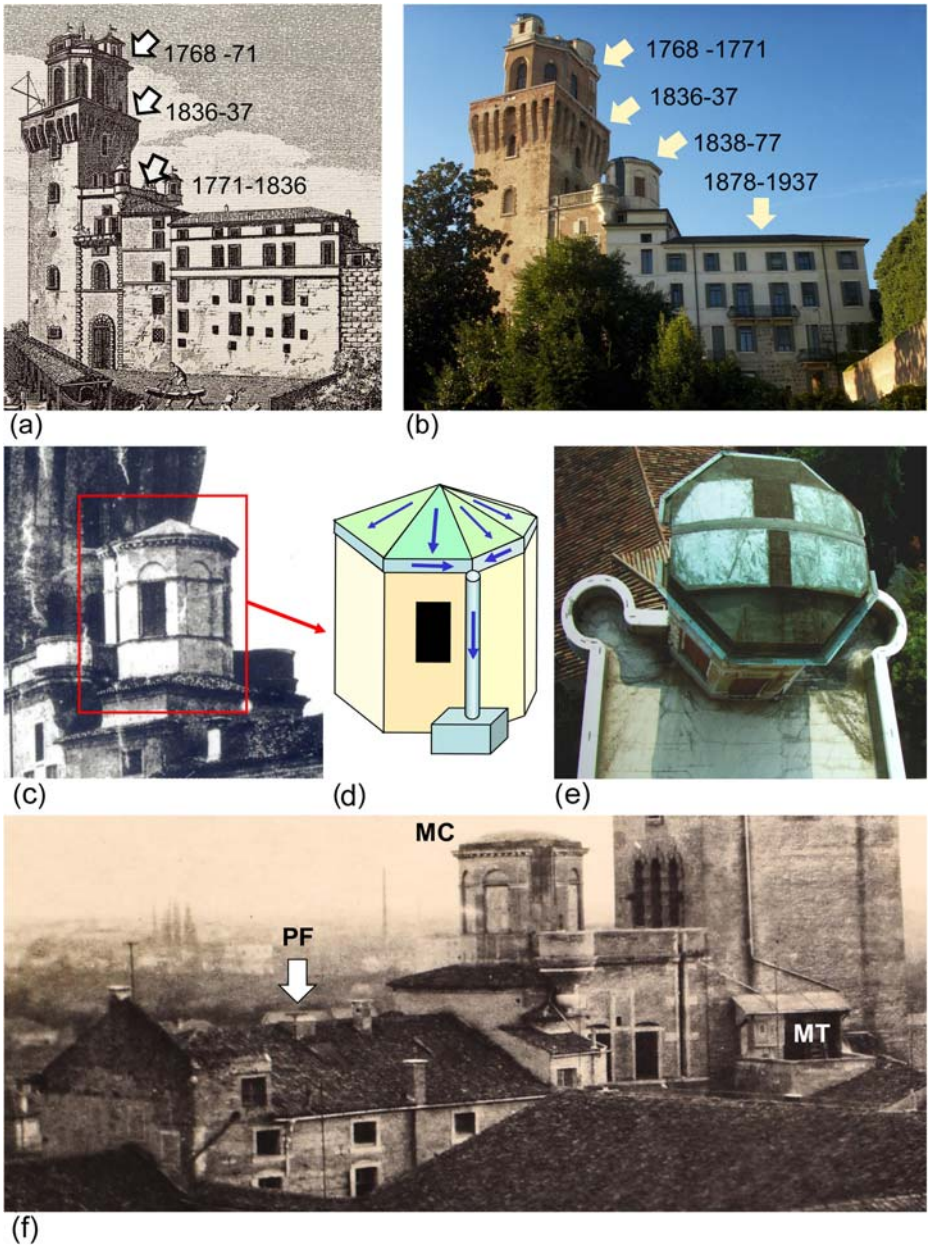

Fig. 5 **a** Raingauge exposures on the Specola Tower, before the construction of the Meridian Circle (MC) room (Valle 1781). **b** The Specola today and exposures over time. **c** MC in a shot from south-east in 1840. The pyramidal dome used as funnel 1838–1877. **d** Scheme of the collecting system. **e** The dome today, with added sliding shutters, viewed from the upper terrace. **f** Bird view (1885) from north-east with the pyramidal funnel on the roof of the Astronomer house, used 1878–1937 (PF arrow). MT northern terrace with meteorological instruments

in Asiago, on the Alps, to get a clear sky. The project was approved in 1933 and the new Astronomical Observatory became operative in 1942. From 1909 to December 1937, monthly

tables with daily weather data were published on the *Bollettino Statistico del Comune di Padova* (Statistical Bulletin of Padua Municipality); after they were stopped.

2.11 15 September 1938–December 1959. The end of the meteorological records at the Specola

The handwritten log of the meteorological observations was interrupted on September 15, 1938, probably in connection with the anti-Jewish laws and the pressure of the dramatic events that expelled from the University 51 professors, 10 technicians and 139 students. The building custodian Tiso and the janitor handyman Bruno Miolo were charged to take informal weather annotations. These are reported on notepads, written in pencil, more rarely in ink, till 1959. Probably in the 1950s, somebody reported in ink, on an old register, the precipitation only, till December 1950. This period lacks any documentation, except for the notepads preserved in boxes and some letters dated 1942 and 1944 in which the Director Silva declared that the meteorological activity in Specola was stopped, except for internal use, and advised to contact the Water Magistrate for any meteorological issue. Marani and Zanetti (2015) used this dataset (ESM12, ESM15).

2.12 1920–1996. Meteorological Observatory of the Water Magistrate

In 1920, a new Meteorological Observatory of the Water Magistrate entitled to Giovanni Magrini (Fig. 6a) was located in Sorio Street, about 750 m west of the Specola, at the edge of the town (5 in Fig. 2). The best period was under the direction of Augusto Levi in 1920 and Giuseppe Crestani from 1921 to 1958.

In its best period, this Meteorological Observatory tested different raingauges and compared their readings and their difference when height changed (Crestani 1935). Three raingauges were installed on the garden (Fig. 6b): UIRMA, Agrarian and Tipping Bucket, with the funnel 1.20 m above ground. The operating principles are sketched in Fig. 6c–e. In 1921, a Palazzo raingauge was installed on the upper building terrace and operated till 1934. The funnel was 11.30 m above ground and was connected to the recording raingauge in the underlying room with a pipe 8 m long. In 1934, the funnel was moved to the lower terrace, 8.5 m above ground. The departure between the instruments on the terrace and those in the garden was less than 10%, the highest values being reached with strong wind. The observation day started at 0 a.m.

Some years after Crestani had died, the Observatory was downgraded to warehouse and peripheral unit with unattended recording instruments. The raingauges that required manual operations, i.e. UIRMA and Agrarian models, were abandoned, as well as the Palazzo recording raingauge. In the garden, only the Tipping Bucket was left (Fig. ESM18). The station operated till 1996, but with worsened data quality.

2.13 1951–1990. The Meteorological Service of the Italian Air Force at the Padua Airport

The Padua Airport (6 in Fig. 2) was founded in 1926, but it is small and devoted to small aircrafts and helicopters. Weather observations, according the WMO standard, were regularly taken and digitized from 1951 to 1990. The observation day started at 0 UTC, i.e. 1 a.m. After the Veneto Region established a new public weather network, controlled by the Regional Agency for the Prevention and Protection of the Environment in the Veneto Region (ARPAV), this service stopped gathering weather records for external use.

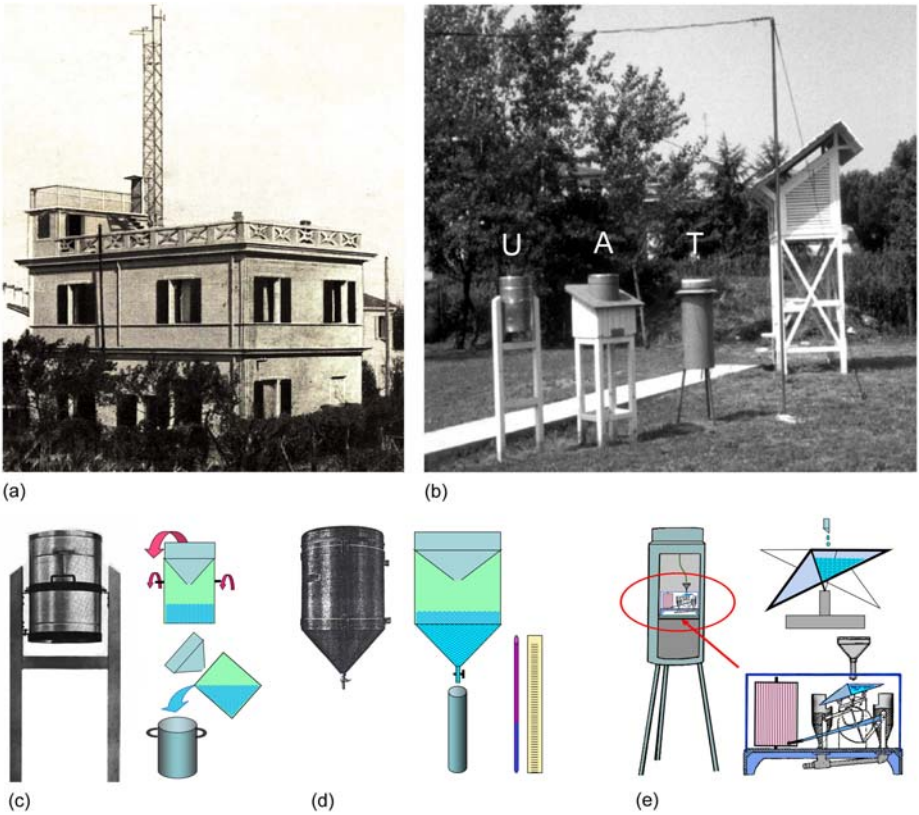

Fig. 6 **a** View of Magrini Observatory of the Water Magistrate in the 1920s with the two terraces where the funnels of the Palazzo raingauge were located (Crestani 1926a). **b** Raingauges in the garden of Magrini Observatory. U, UIRMA; A, Agrarian; T, tipping bucket. **c** Operating principle of UIRMA: after precipitation, the funnel is removed, the raingauge is tilted, the water is transferred to another bucket and measured. **d** Agrarian: when the tap is opened, the water flows into a measuring tube and the depth is detected with a graduated rod. **e** Tipping bucket: the bucket movements are recorded with an ink pen in a strip chart carried on a rotary drum

2.14 1980–today. Botanical Garden: Padua University and ARPAV

In 1979, the Department of Biology of the Padua University installed a weather station in the historical Botanical Garden, located in the city centre (7 in Fig. 2). It had some maintenance problems in the 1990s, and in 1997, it passed under control of ARPAV. The short gaps may be filled with the Legnaro and Campodarsego stations, around 10-km distance. It includes a tipping bucket raingauge, with continuous record. In March 11, 2019, the station has been moved to CUS, 4 Corrado Street, 2 km ENE of the Botanical Garden.

3 Inhomogeneous periods

1737–1742 Poleni (1738) and Toaldo (1770) wrote that the instruments were always kept in the same position. Nevertheless, in the cold seasons, starting from winter 1734, the thermometer was moved to another room as specified in the Poleni Log (Poleni and Poleni 1725-1764; Crestani 1926b; Camuffo 2002). A graphical test of the cumulative precipitation

amount (Fig. 7a) reveals that from 1736 to 1742, the slope of the previous periods is different from the subsequent ones. This might be explained either with a climate signal or with funnel relocation. The former should be excluded because the same test applied to the contemporary series by Beccari (Camuffo et al. 2019) in Bologna, 130 km south of Padua, does not reveal any change (Fig. 7b). The funnel relocation may be justified for personal reasons. In a letter, Poleni (1737) wrote that in the last 2 years, he lost a son and his wife. In the eighteenth century, it was not usual to heat buildings but, in the case of sickness, a more comfortable climate was needed because unheated rooms fall below the freezing point. This required the ignition of the fireplace in the library, but this was not compatible with the thermometer and especially the funnel and pipe inside the chimney. Poleni was obliged to relocate the instruments. Every winter from 1734 to 1742, the Log reports a note that "he moved to the kitchen" (Camuffo 2002), which evidently was not used because the fire was lighted in another room. The kitchen is on the western side of the building. Looking at the values of the slopes of the cumulative plot, from 1737 to 1742, the collecting efficiency was reduced by 31% and this is compatible with a funnel more distant from the roof edge from where the wind blows (Fig. ESM3d, Fig. ESM4). Whatever the reason, and passed the emergency, after 1742, the funnel returned to the initial position as demonstrated by the same angular coefficient of the interpolation lines.

1812–1871 Starting from the Bertirossi-Busata period, the plot of the daily precipitation (Fig. 7c) shows lower density of dots especially for amounts smaller than 10 mm. If amounts are represented with vertical lines (Fig. 7d), the lines cover the empty space under the dots and the bias is masked. Marani and Zanetti (2015) used lines and did not recognize the bias. This bias can be also evidenced analysing the yearly frequency of precipitation below and above selected thresholds. The result is that in 1812–1837 the majority of the light rain disappeared. An example for 5-mm threshold is in Fig. 7e. Two periods can be identified: 1812–1837 (Bertirossi-Busata and Conti period) and 1838–1869 ± 2 years when observations were made using the dome (Santini period). The last turning point is not precisely defined and occurs before the Meridian Circle was dismissed in 1877 (Favaro 1906). The 1867–1871 transition cannot be explained with a change of instrument, but with more accurate observations by Lorenzoni, as discussed before.

The loss of lighter rains is explained with the irregular sampling, collecting the amounts of 2 or 3 days together, and longer evaporation loss. The above is confirmed analysing the distribution of the precipitation lasting for 1, 2, 3 or more days. The normalized precipitation frequencies of the critical periods 1812–1837 and 1838–1864 have been compared with the ones of the 1768–1811 and 1878–1937 reliable periods taken as references (Fig. 7f). In the reference periods, some 20% of the total time it rained only 1 single day and 10% two consecutive days. In 1812–1864, the percentages changed drastically: single day exceeded 50%, while three and four consecutive rainy days were underestimated with respect to the reference periods.

Homogeneity tests (von Neumann 1941; Pettitt 1979; Buishand 1982; Alexanderson 1986) pointed out turning points in 1810 or 1812, and 1843, but missed 1867–1871 (ESM11). However, the 1737 and 1742 turning points were not found because the change was too weak for these tests. In order to investigate the sensitivity of the above statistical tests, a century of the Padua series that resulted homogeneous was considered: the first half was left unchanged, and the second half was modified in order to simulate changes. The first test was made by multiplying readings by a constant factor to simulate what happens when the raingauge is substituted with another one characterized by a different funnel size or if it is moved to a

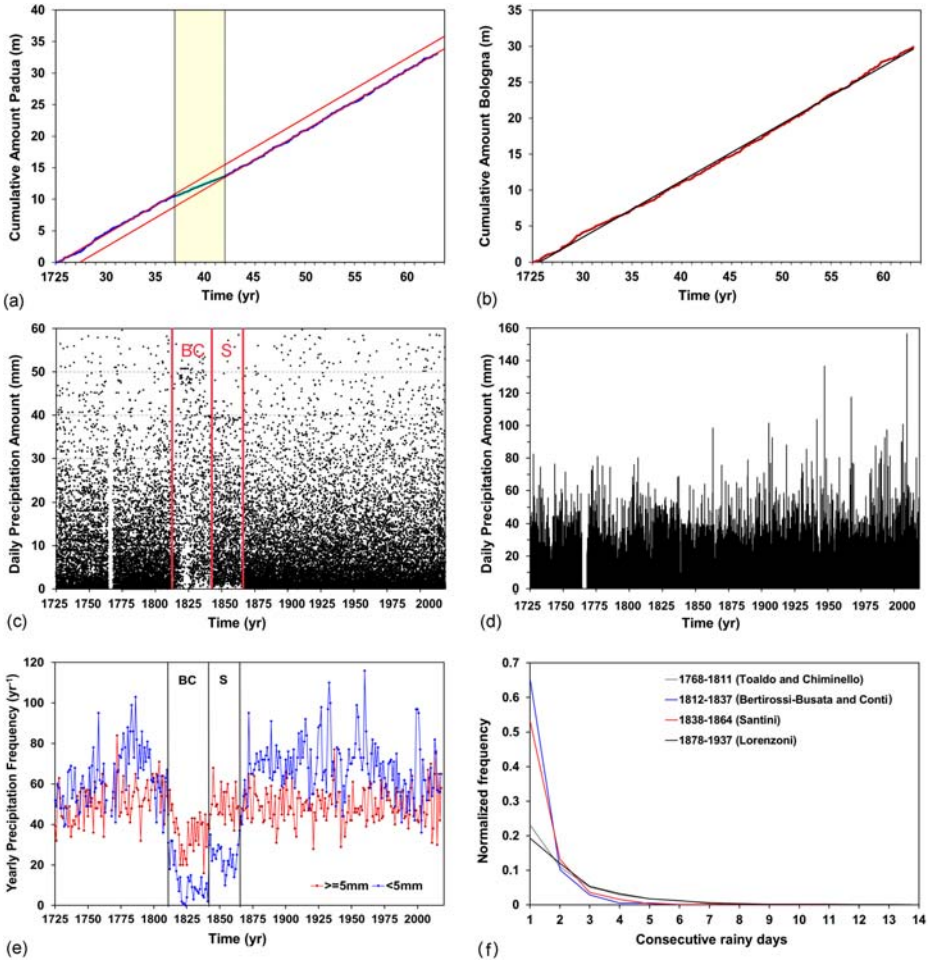

Fig. 7 **a** Cumulative plot of the precipitation in Padua. The observations in 1725–1736 and 1743–1763 (blue line) have the same slope (red best-fit line) while in 1737–1742 (cyan line, yellow rectangle), the slope is 31% lower. **b** Cumulative plot of the precipitation in Bologna and best-fit line. **c** Plot of the daily precipitation amounts (limited to 60 mm to increase resolution). BC, Bertirossi-Busata and Conti period; S, Santini period. **d** Daily amounts as in **c** but represented with vertical lines. **e** Yearly precipitation frequency with amount lower than, or greater than, 5 mm. **f** Distribution of consecutive rainy days: comparison between the 1812–1837 and 1838–1864 critical periods and the 1768–1811 and 1878–1937 reference periods

different level. In this case study, the homogeneity tests revealed a turning point when readings were changed with a multiplicative factor greater than 1.05 or lower than 0.9. The second test was made with an additive transformation that simulates what may happen if, in the selected year, the raingauge was substituted with another one characterized by a different threshold and it catches a little more or less. The thresholds found were 0.65 mm in additive and 130 mm in subtractive mode.

Verifications and tests for the twentieth century The effect due to the change of scheduled observation time is discussed in ESM14. A relevant issue is the choice of the dataset when two

or more stations were active in the same period (for a discussion about the differences between the contemporary records taken in Padua since 1920, and in particular between the datasets used in this paper and Marani and Zanetti (2015), see ESM15).

A final problem is when stations with funnels at different heights above ground are used because at higher elevations, the higher wind speed reduces the capture efficiency, especially for small drops. A comparison of the readings taken at the Specola (20.7 m) with those at Magrini Observatory (1.2 m) for the common period 1920–1950 has shown that the Magrini frequency was 19% less and the amount 16% less (ESM16). These figures are bigger, but consistent with the results of some case studies where funnels at 20-m height had a reduction of the order of 10% in comparison with a ground reference (Camuffo 2019).

4 Conclusions

This paper makes available the original series of raw data and metadata concerning the precipitation in Padua, as well as a critical documentation about it. All long instrumental series include uneven periods. Although the Padua series is among the most accurate and best-documented ones, a careful integrated mathematical and historical analysis, with site inspections and study of archival documents and old photographs, clarified some issues, but also revealed a number of unexpected problems. A comparison with other contemporary records in Venice and Bologna allowed to discover some crucial items related to the instruments, their thresholds, exposure and relocation, or due to poor observation regularity. Observations made one or more days after the end of precipitation reduced the frequency and increased evaporation losses. Moreover, the association of the amount of two or three consecutive rainy days affected the distribution, decreasing the light rains and increasing the abundant ones with the risk of creating false extremes. This bias severely affected the results based on daily precipitation, less the monthly ones.

Graphical tests (cumulative amounts, consecutive rainy days) and statistical homogeneity tests (von Neumann, Pettitt, Buishand, SNHT) were applied. Graphical tests resulted more sensitive and homogeneity tests required a certain inhomogeneity threshold to respond. When both tests provided results, they were consistent between them.

This analysis pointed out some critical periods for a total of 70 years. Slightly reduced amounts were caught in 1737–1742, when Poleni changed the funnel position. The comparison with the Bologna series confirmed that this was an instrumental bias, not a climate signal.

The 1764–1767 gap can be filled either (i) from the notes enclosed on the Morgagni daily records, after having transformed them into quantitative values, using for calibration the observed amounts in the Poleni record over the 24-year common period or (ii) using the contemporary Pollaroli record in Venice. Then, the homogeneity criteria are helpful to verify which method is the most convenient one.

The two periods, 1812–1825, when Bertirossi-Busata was sick and could not take regular readings, and 1826–1871, when the next observers continued with irregular sampling, have been recognized and can be (partially) corrected with the help of the daily weather notes and with an evaluation of the evaporation loss.

The change of level, from the Specola to ground stations, apparently increased the precipitation frequency and amount.

This research has identified instruments, exposures, observers, observation protocols, different data reporting styles, biases and obscure periods and how to remedy them. Corrections and the climate analysis will be discussed in another paper.

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Electronic Supplementary Material 1-17

Article Title: Three centuries of daily precipitation in Padua, Italy, 1713-2018. History, relocations, gaps, homogeneity and raw data

Journal name: Climatic Change

Authors: Dario Camuffo[1], Antonio della Valle[1], Francesca Becherini[2], Valeria Zanini[3]

Affiliations:
1) National Research Council-Institute of Atmospheric Sciences and Climate, Corso Stati Uniti 4, 35127 Padua, Italy
2) National Research Council-Institute of Polar Sciences, Via Torino 155, 30172 Venice Mestre, Italy
3) INAF-Astronomical Observatory of Padova, Vicolo dell'Osservatorio 5, 35122 Padua, Italy

E-mail address Corresponding Author: d.camuffo@isac.cnr.it

ESM 1. Supplement to Section 1: Differences between this paper and Camuffo 1984, 2002

A reader might wonder why another paper after Camuffo 1984, 2002.

In Camuffo 1984, the observations and their metadata were crudely summarized in 2 1/3 pages; in the 2020 paper, everything has been carefully investigated and documented with original archive documents and photographs.

In Camuffo 1984, there were no pictures, drawings or diagrams representing instruments, exposure and locations; in the 2020 paper, all of them have been clearly reconstructed and shown.

In Camuffo 1984, not all rain gauge types and exposures were known; in the 2020 paper, the most likely instrument shapes and exposures are presented.

In Camuffo 1984, the gap 1764-67 was not solved and the solution proposed by Toaldo was recognized to be unacceptable; in the 2020 paper, two solutions are proposed: i) the parallel series taken in Venice by Temanza and Pollaroli, and ii) the use of indexes analyzing and calibrating the contemporary Morgagni Log.

In Camuffo 1984, the Bologna precipitation series had not been recovered yet and could not be used as a reference and potentially to fill gaps; in the 2020 paper, the Bologna series has been largely used to check and validate the Padua series, and to distinguish the climate signal from instrumental bias.

In Camuffo 1984, according to the literature, it was believed that the raingauge in the Specola was always kept in the same position; in the 2020 paper, it has been demonstrated that it was relocated a number of times. In addition, in this work, the different response of a raingauge located on the roof or at ground level has been assessed.

In Camuffo 1984, according to the literature, it was believed that readings were regularly taken; in the 2020 paper, it has been demonstrated that readings from 1811 to 1861 were taken irregularly, in the day (or days) after the precipitation, shifting readings to the next day(s), or recording a depth cumulated in the previous two or three days.

These and other differences are essential to interpret and/or correct data. They have been highlighted in the Introduction of the 2020 paper and many of them are going to be put in practice in the paper in progress, devoted to the correction and analysis of the precipitation series.

Camuffo 2002 deals with temperature records, not with precipitation. The rain gauge is different from a thermometer and its exposure too, especially when Poleni took temperature readings indoors (1725-1764). Only the readers and the building are the same. However, it was recently discovered that the bad health of an observer was determinant to introduce delayed

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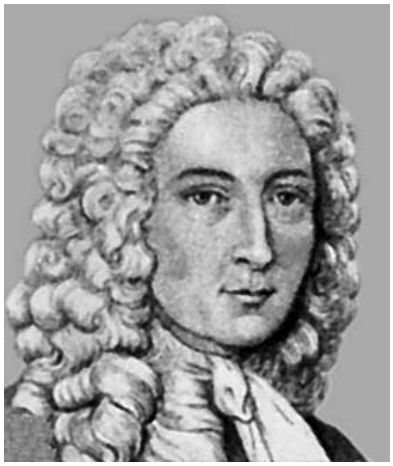
precipitation readings, affecting the regularity and frequency of observations. This minimalist observing style continued for some 50 years but was not mentioned in the previous papers. This fact did not cause particular consequences on the temperature and pressure readings that were taken without getting wet in the case of rain, but had tremendous consequences on the precipitation frequency and less in its amount, and determined the need of revising the previous work (Camuffo 1984).

ESM 2. Supplement to Section 1: Key Observers



Marquis Giovanni Poleni (1683-1761)
He was a leading scientist in various disciplines, close friend of Giovan Battista Morgagni, Jacopo Bartolomeo Beccari, Eustachio Manfredi and other scientists of the Bologna University.
In 1709, he started to build meteorological instruments (assisted by his friend Giovan Battista Morgagni) and to make meteorological observations. Other key topics were hydrology and river flows, architecture and statics, especially concerning the dome of St. Peter, Rome.
He was appointed Professor at the Padua University and had various chairs in: Astronomy and Meteors (1710); Physics (1715); Mathematics (1719); Physics and experimental philosophy (1739); Navigation sciences and constructions (1755).

In 1710, Isaac Newton appointed him fellow of the Royal Society, London. Other fellowships: Society of Sciences of the Elector of Brandenburg, Berlin (1715); Institute and Academy of Sciences and Arts, Bologna (1723); St. Petersburg Academy of Sciences, St. Petersburg (1735); Académie Royale des Sciences, Paris (1739).

In 1724, he adhered to the meteorological network of the Royal Society, London.

In 1734, he won a prize of the Académie Royale, Paris, for a pressure anemometer.

In the last period of his life, he was assisted by his son Francesco, who continued the meteorological readings for four years after Giovanni died.

Giovan Battista Morgagni (1682-1771)
He was internationally recognized, and considered the father of the modern pathological anatomy conceived as an exact science. He graduated in 1701 in philosophy and medicine at the University of Bologna. He was appointed to the chair of Theoretical medicine in 1711, and Anatomy in 1715 at the Padua University. His most famous publication was *De sedibus et causis morborum per anatomen indagatis* (The Seats and Causes of Diseases investigated by Anatomy, Printed by Giuseppe Remondino, Padua, 1765). He was Fellows of *Sacri Romani Imperii Academia Caesarea Leopoldino-Carolina Naturae Curiosorum,* Halle, Saxony (1708); Royal Society, London (1724); Académie Royale des Sciences, Paris (1731); St. Petersburg Academy of Sciences, St. Petersburg (1735); Royal Academy of Sciences, Berlin (1754). He was a close friend of Poleni.
In 1709, in Venice, Morgagni helped Poleni in the construction of thermometers and barometers, and in 1740 he started a parallel series of weather observations in Padua.

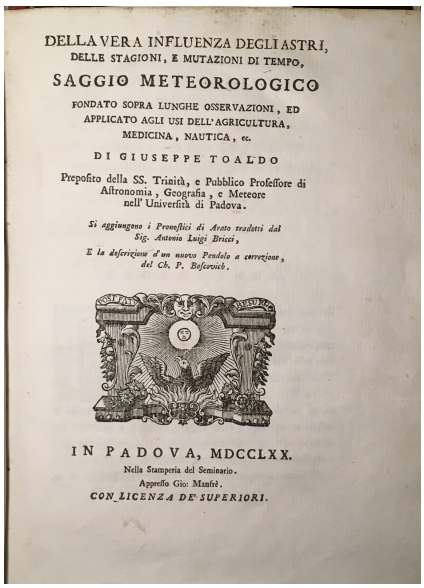
ESM 3. The Directors of the Specola

The Specola was founded in 1767 and it was part of the University until 1923; it was the seat for teaching, and performing astronomical and meteorological observations. The first two Directors were interested in both disciplines and had the chair of Astronomy and Meteorology. Later, this chair was dismissed and the new Directors were interested only in astronomy, had a chair of Astronomy, and charged an assistant to perform meteorological observations. However, the Director was responsible for any decision, even if he was not always expert of meteorology. The Chair of Astronomy was linked to the direction and this assignment was a lifetime job (but this simple rule, however, had some exceptions, as explained later).

The Directors of the early period deserve further attention for their relevance. It should be noted that some reference dates are differently reported in authoritative sources, as the period of real activity might be different from the receipt of the official assignment (for more details see the bibliography). The most important details of the Directors in the period in which the Specola exerted meteorological activity are reported in Table ESM.1.

Giuseppe Toaldo (1741-1797). He was the founder of the Specola and a supporter of the observational activity both in astronomy and meteorology. He was a leading scientist and reached international renown thanks to his studied about the connections between lunar cycles, meteorology, agriculture and health.

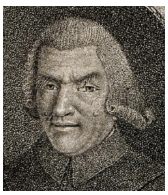
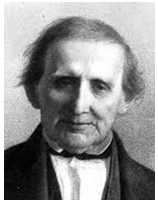
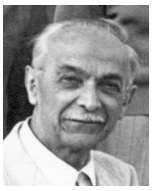
In 1762, the chair of Astronomy and Meteors held by Gian Alberto Colombo became free and the Senate approved that Toaldo had it; however, the decree was formally approved only in 1764 and the chair was renamed 'Astronomy and Meteorology with elements of Geography'. Then, Toaldo was commissioned to choose the best location for the Astronomical Observatory whose construction had been deliberated by the Venetian Senate in 1761. He also supervised the building work, which started in 1767 and lasted 10 years, transforming the main tower of the mediaeval Castle of Padua into the Specola.


DELLA VERA INFLUENZA DEGLI ASTRI,
DELLE STAGIONI, E MUTAZIONI DI TEMPO,
SAGGIO METEOROLOGICO
FONDATO SOPRA LUNGHE OSSERVAZIONI, ED
APPLICATO AGLI USI DELL'AGRICULTURA,
MEDICINA, NAUTICA, ec.
DI GIUSEPPE TOALDO
Prepofito della SS. Trinità, e Pubblico Profeffore di
Aftronomia, Geografia, e Meteore
nell' Univerfità di Padova.
Si aggiungono i Pronoftici di Arato tradotti dal
Sig. Antonio Luigi Bricci,
E la defcrizione d'un nuovo Pendolo a correzione,
del Ch. P. Boforwich.
IN PADOVA, MDCCLXX.
Nella Stamperia del Seminario.
Appreffo Gio: Manfrè.
CON LICENZA DE' SUPERIORI.

The results of his researches on the influence of climate on heath and agriculture are presented in his most famous publication: *Della vera influenza degli astri, delle stagioni e mutazioni di tempo. Saggio meteorologico* (On the true influence of celestial bodies, seasons and weather changes – A meteorological essay) (1770). In 1773, Toaldo founded the *Giornale Astro Meteorologico* (Journal concerning Astronomy and Meteorology). The journal included astronomical ephemerides, weather statistics, a description of the climatic features of the previous year, and hosted articles and climate data taken by a network of observers. It started in 1773 and was continued until 1848 by the subsequent Directors of the Astronomical Observatory. With this journal, Toaldo extended the network of weather observers. In 1777, the Specola and adjacent building (the Astronomer House) were ready and all weather instruments were located in their final position.

In 1782, Toaldo adhered to the network of the *Societas Meteorologica Palatina*, Mannheim. He died in 1797, just after the occupation of the French Army and the fall of the Venice Republic. Three months before his death, he wrote an article to explain the relationships between the local traditional units and the modern ones, imposed by the French Army, e.g. measuring time from midnight instead of twilight (i.e. following the tradition of Rome based on the guard duty in the army, and the middle age use related to the sound of the Church bells for prayers) with conversion tables over the calendar year.

Table ESM1. Directors of the Specola when the meteorological observations were performed

Portrait	Name	Life span	Director	Scientific interest
	Giuseppe Toaldo	1741-1797	1767-1797	Astronomy & Meteorology
	Note: He refurbished a mediaeval tower to transform it in a Specola with advanced instruments; he enhanced meteorology and linked it to astronomy and health at international level; he studied climate cycles; he adhered to the *Societas Meteorologica Palatina*, Mannheim and founded the *Giornale Astro-Meteorologico*.			
	Vincenzo Chiminello	1741-1815	1797-1811 (1811 actually; 1815 officially)	Astronomy & Meteorology
	Note: He carried on the Toaldo's legacy (including the *Giornale Astro-Meteorologico*) and developed new meteorological instruments.			
	Francesco Bertirossi-Busata	1778-1825	He was not Director but observed in the 1815-1817 gap	Astronomy
	Note: He took weather observations and directed the *Giornale Astro-Meteorologico*. Although in poor health, he observed till the last two months of life.			
	Giovanni Santini	1787 -1877	1817-1877	Astronomy
	Note: He was not particularly interested in meteorology. He did not support the weather observations with auxiliary personnel during the Bertirossi-Busata illness. He ordered to use the big dome of the Meridian Circle Room to collect rain. Observers: Bertirossi-Busata (1817-25); Carlo Conti (1827-42); Gaetano Pietropoli (1834–1847); Virgilio Trettenero (1848–1863); Jacopo Michez (1861–1866); Enrico Nestore Legnazzi (1855–1862); Lorenzoni (1864-67); Antonio Abetti and Lorenzoni (1868-1879); Ciro Chistoni (1874). The lowest observation quality was with Carlo Conti (1827-42). Thanks to Santini, the Meteorological Logs of Poleni, Morgagni, Beccari and other Toaldo's Correspondents were acquired by the Astronomical Observatory and are now preserved in the Historical Archive.			
	Giuseppe Lorenzoni	1843-1914	1877-1913	Astronomy & Meteorology
	Note: He restored the good meteorological practices. Observers: Francesco Miari-Fulcis (1877 and 1881-1886); Giuseppe Naccari (1879–1880), Giuseppe Ciscato (1886–1894); Antonio Maria Antoniazzi (1894–1999); Roberto Sabena (1899–1902); Giuseppe Alessandro Favero (1902–1911).			
	Antonio Maria Antoniazzi	1872-1925	1913–1925	Astronomy
	Note: He worked in a very difficult time (during and at the end of the World War I), essentially without staff, and he could not be interested in meteorology. During WWI, the Italian Army established the 1915-1918 weather forecast office in the Specola, and the activities were made and controlled by military personnel. Before and after, for routine observations, he relied on the technician Sante Mioni (1874-1928).			
	Giovanni Silva	1882-1957	1926-1952	Astronomy
	Note: He was not interested in meteorology. He developed a new Astronomical Observatory in Asiago, on the Alps, and in 1938 closed any meteorological activity in the Specola that was mainly used for teaching Astronomy. The technicians continued readings till 1959, writing on notepad sheets.			

Vincenzo Chiminello (1741-1815). He was a very accurate meteorologist and astronomer, nephew and co-worker of Toaldo. In 1779, he was appointed assistant astronomer. He discovered the influence of the astronomical forces in determining daily barometric pressure cycle, similar to the tidal cycle. In 1783, he won the prize for a tender launched by the Theodoro-Palatina Academy of Sciences, Mannheim, for the most accurate hygrometer. Chiminello proposed a goose pen fixed to a glass tube and filled with mercury, with a complex system to correct readings for temperature.

In 1797, after Toaldo's death, the University informally appointed him to the chair of Astronomy, Meteors and Geography, that was connected with the responsibility of Director of Specola. However, this was a bad period: the Venice Republic fall, and the Napoleon's troops arrived in the north-east of Italy; the treaty of Campo Formio (17 October 1797) partitioned the Veneto region between France and Austria and Padua suffered a long period of political and administrative confusion. Only in 1806, when Austria had finally organized a local government, Chiminello received the official assignment of Astronomy as well as of Director of the Faculty of Physics and Mathematics.

Chiminello was not a healthy man. In 1809, he had a first apoplectic fit, but continued his activity. He taught until 1811, and then he had a second, stronger, apoplectic fit, so forcedly abandoned the Specola. Some sources consider this year the last one of his activity. He was removed from the charge of teaching, but he kept the title of Director, compensating him for the years without salary that followed the Napoleon invasion, from 1797 to 1806. The teaching problem was solved with an informal assignment, in 1812, to Giovanni Santini, who was also the informal Director during the Chiminello's illness. Chiminello died for a third fit in 1815. Officially, the Specola remained widow of Director until 1817.

Francesco Bertirossi-Busata (1778-1825) was never Director of the Specola, but had to bridge a difficult period between the apoplectic fit of Chiminello and the appointment of the new Director, Giovanni Santini. A note is due to explain the lower quality of the series during his period. Bertirossi-Busata studied Philosophy and Mathematics with Chiminello and took his degree in 1807. Then he started to work at the Specola, in 1813 he was appointed astronomer and in 1817 astronomer for calculations. He cared celestial mechanics and star aberration, but he was also charged for weather observations. In 1809, during the first illness leave of Chiminello, he cared the publication of the *Giornale Astro-Meteorologico* founded by Toaldo and became Director of this journal in 1819. However, from 1816 Bertirossi-Busata was affected by gallbladder and liver sickness and could not take regular weather observations. He operated always without assistants, so observations are missing in the last two months of his life, September and October 1825. This was a bad political period under the occupation of Austria, and the Specola personnel had to work with very limited resources and low salary.

Giovanni Santini (1787-1877). He was a good and a famous astronomer, less interested in meteorology. In 1806, he was appointed assistant astronomer; in 1812, he was informally appointed to teach Astronomy; in 1817, he was officially appointed Professor of Astronomy and Director of the Specola. He disregarded the problem of the illness of Bertirossi-Busata and did not charge any other personnel to assist him in his most difficult periods, and this created discontinuities and gaps in the series. For short periods, in his long life, Santini interrupted teaching, being substituted by his assistants Virgilio Trettenero and Giuseppe Lorenzoni. He died in 1877, at the age of ninety, keeping the direction of the Observatory until the last day of his life. Concerning the precipitation series, he built the Meridian Circle Room and ordered to use its dome to collect rainfall from 1838 to 1877, creating a non-homogenous gauge. However, the catchment area was so large that the result was good.

Giuseppe Lorenzoni (1843-1914). After Enrico Nestore Legnazzi was cast out for political reasons and Virgilio Trettenero died in 1863, the director Santini appointed Lorenzoni assistant professor of Astronomy and put him in charge of meteorological observations at the Specola. Lorenzoni was a last year student and got a degree in engineering in 1864. In that period – the last years of Austrian domination in Veneto – the Observatory was deprived of personnel, except for the assistant astronomer Jacopo Michez which, however, was particularly arrogant and unpopular to both the Director and the other people who lived in the Specola. Even the astronomical and meteorological observations suffered for the bad personality of Michez in these years.

In 1867, after the annexation of Veneto to the Kingdom of Italy, Lorenzoni had the regular assignment of the astronomy lessons, obtaining the appointment as extraordinary professor in 1872; in 1878, after the death of Santini, he became full professor and director of the Observatory, a position he held until 1913. His scientific activity ranged from classical astronomy to spectroscopy, up to geodesy, but he was interested also in the good meteorological practice, especially in the first period of his direction. From 1878, in fact, he rearranged the meteorological observations and the related instrumentation under the guidance of Pietro Tacchini, director of the Central Meteorology Office and his close friend.

Lorenzoni devoted himself to teaching: under his guidance the Padua astronomy school grew up and formed leading astronomers, like Antonio and Giorgio Abetti - father and son - both directors of the Arcetri Astrophysical Observatory, Emilio Bianchi, director of the Brera Observatory and Giuseppe Ciscato, director of the Carloforte station.

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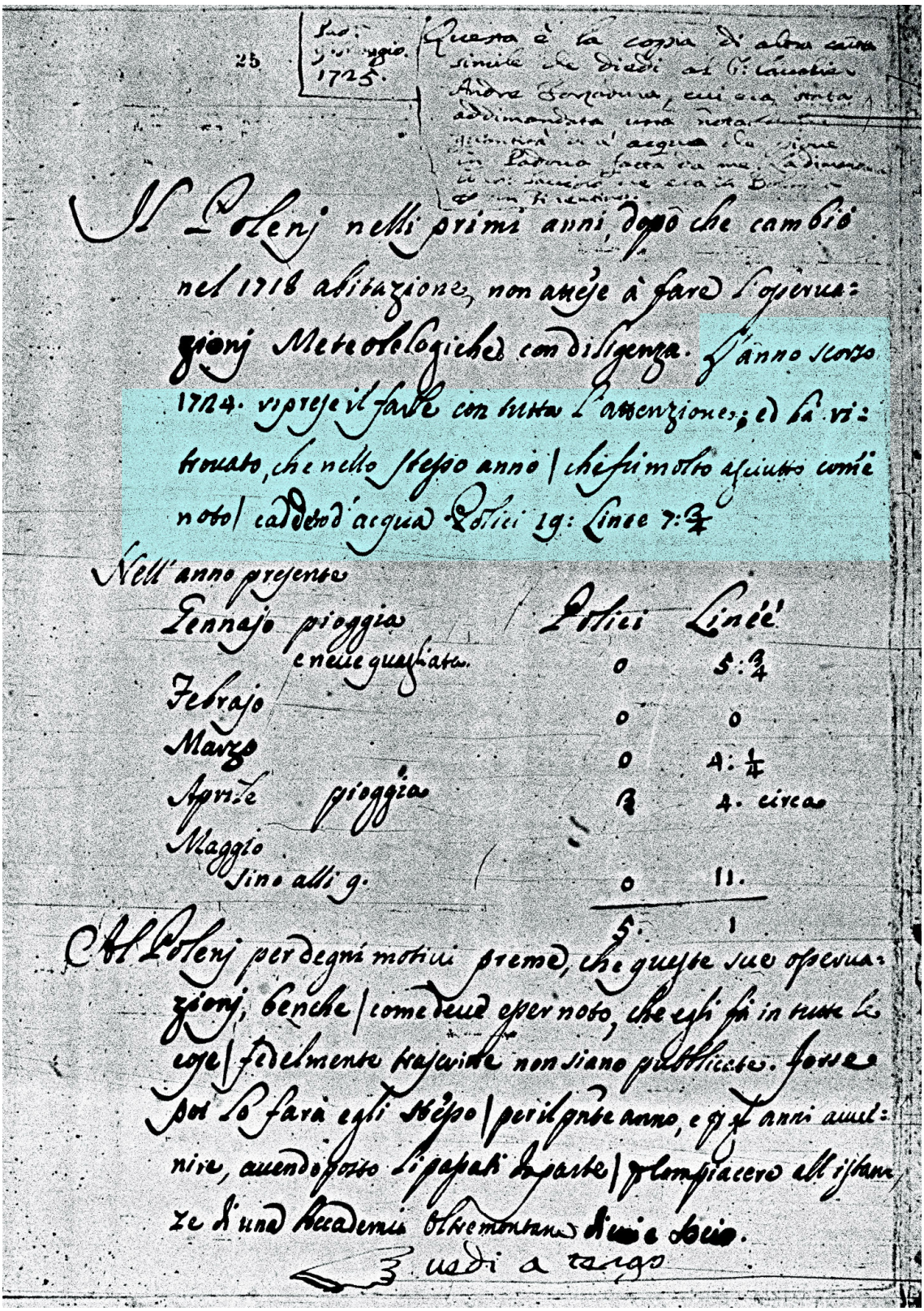
ESM 4. Supplement to Sections 1 and 2: Raingauge locations

Table ESM2. Raingauge location and exposure, reading times and notes

Period	Location	Exposure	Height	Observer	Notes
1713-1718	Unknown	?	?	G. Poleni	IO with gaps; CG
Jan 1724 – Dec 1724	San Giacomo District	roof?	15 m?	G. Poleni	CG yearly total
Jan 1725 – Mar 1764	San Giacomo District	roof?	15 m?	G. Poleni, F. Poleni	RDO-h12; CG
1740-1768	San Massimo street	none	none	G.B. Morgagni	only frequency
Apr-July 1764	Venice	?	?	T. Temanza	RDO-?; CG
Aug 1764 - Dec 1767	Venice	?	?	N. Pollaroli	RDO-?; CG
Jan 1768- Jul 1771	Specola	top of the Tower	50 m	G. Toaldo	RDO-h9?; CG
Aug 1771- Dec1811	Specola	eastern terrace	24 m	G. Toaldo, V. Chiminello	RDO-sunrise + h12; CG
Jan 1812 – Aug 1836	Specola	eastern terrace	24 m	F. Bertirossi-Busata, C. Conti Director: G. Santini	IO; CG
Sept 1836 - Dec1837	Specola	surrounding terrace	38 m	C. Conti Director: G. Santini	IO; CG
Jan 1838 – Dec 1877	Specola	dome of the meridian circle	27-28 m	C. Conti, G. Pietropoli, V. Trettenero, J. Michez, E.N. Legnazzi, G. Lorenzoni Director: G. Santini	1838-1870: IO; CG after 1871:RDO-h9; CG
Jan 1878-1925 (reliable) 1926-14 Sept 1938 (less reliable) 15 Sept 1938-1950 (unvalidated log) 1951-1959 (coarse annotations)	Building next to the Specola (the Astronomer House)	roof	20.7 m	G. Lorenzoni, G.A. Favero, A. Abetti, C. Chistoni, F. Miari-Fulcis, G. Naccari, G. Ciscato, A.M Antoniazzi, R. Sabena. Directors: G. Lorenzoni (1977-1913); A.M Antoniazzi (1913-25); G. Silva (1926-52)	1880-2010: RDO-h9; CG. 1878-80 with Cavignato raingauge; 1980-12010 with Agrarian Model. RDO-h9 1910-38: CR RDO-h9
1920-1957 (reliable) 1958-1996 (less reliable)	Magrini Observatory of the Water Magistrate	grassland; terraces	1.20 m; 8.5 m; 11.30 m	Directors: A. Levi, G. Crestani	CR RDO—h0
1951-1990	Airport	grassland	1.50 m	Air Force	CR – h1
1980-today	Botanical Garden	grassland	1.50 m	University of Padua, ARPAV	CR – h0
Legend.? unknown; RDO regular daily observations (followed by the reading time, e.g. RDO-h12 means that observations were taken, or started, at 12 a.m); IO irregular observations; CG collecting gauge; CR continuous record with hourly resolution					

ESM 5. Supplement to Section 2: Examples of the original documents



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Sud. 9 Maggio 1725.

Questa è la copia di altra carta simile che diedi al G. Cavalier Andrea Forzadura, cui era stata addimandata una nota [illegible] in Padova fatta da me. [illegible]

Il Poleni nelli primi anni, dopo che cambiò nel 1718 abitazione, non aveje à fare l'osservazioni Meteorologiche con diligenza. L'anno scorso 1724. ripreje il farle con tutta l'attenzione; ed ha ritrovato, che nello stesso anno | che fu molto asciutto come noto | cadde d'acqua Pollici 19: Linee 7: ¾

Nell'anno presente

		Pollici	Linee
Gennajo	pioggia e neve guastata	0	5: ¾
Febrajo		0	0
Marzo		0	4: ¼
Aprile	pioggia	3	4. circa
Maggio sino alli 9.		0	11.
		5.	1

Il Poleni per degni motivi prende, che queste sue osservazioni, benche | come deve esser noto, che egli fu in tutte le cose | fedelmente trascurate non siano pubblicate. Forse poi lo farà egli stesso | per il prossimo anno, e gli altri anni avvenire, avendo sotto li passati la parte | gli piacerà all'istanze d'una Accademia Oltremontana di [illegible].

usdi a tergo

Fig.ESM1a Front page of the letter to Cavalier Forzadura. The cyan highlighted text specifies: "Past year, 1724, (Poleni) continued very carefully his measurements, and he found that in that year, that was very dry as known, the precipitated amount was 19 inch, 7 ¾ lines". The letter also reports the monthly totals from January to May 9th,1725. (© Marciana Library, Venice, Poleni unpublished manuscripts, Mss. It., CL. IV, N.631, Coll. 5354, folio (sheet) 25 front)

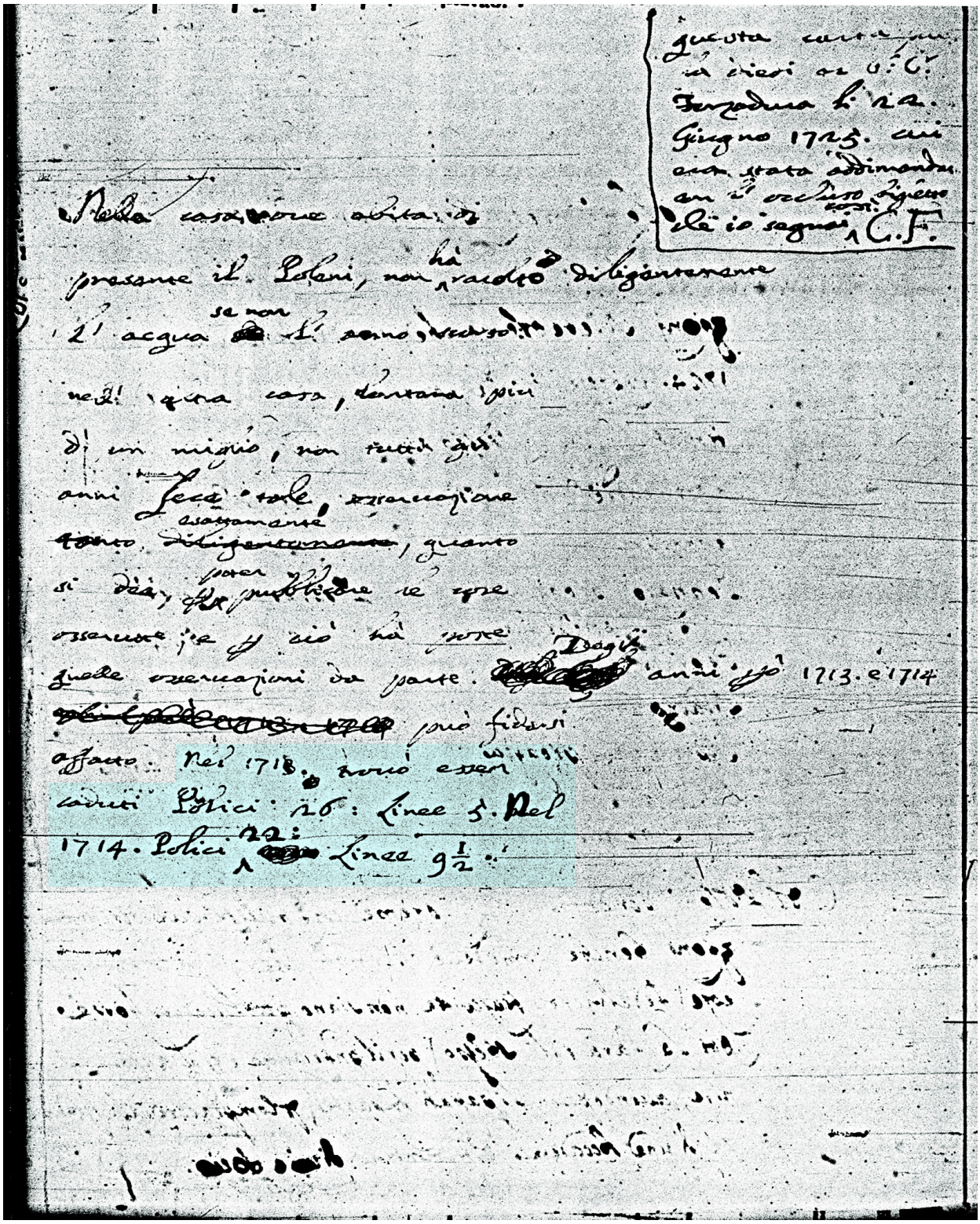
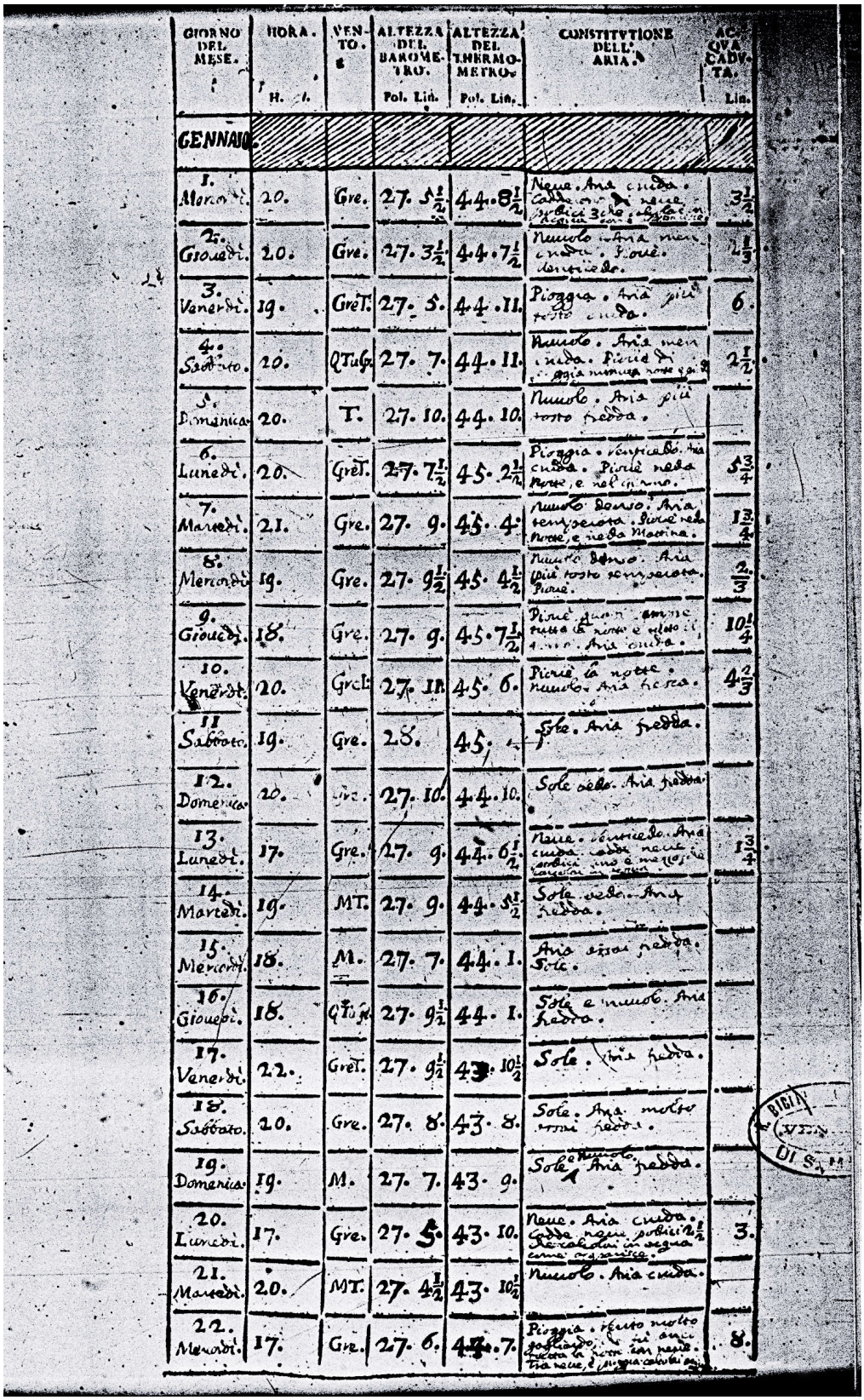


Fig.ESM1b Back page of the letter to Cavalier Forzadura. The cyan highlighted text specifies: "In 1713, (Poleni) found a precipitated amount of 26 inch, 5 lines. In 1714, 22 inch 9 1/2 lines". (© Marciana Library, Venice, Poleni unpublished manuscripts, Mss. It., CL. IV, N.631, Coll. 5354, folio (sheet) 25 recto)



GIORNO DEL MESE.	HORA. H.	VENTO.	ALTEZZA DEL BAROMETRO. Pol. Lin.	ALTEZZA DEL THERMOMETRO. Pol. Lin.	CONSTITUTIONE DELL' ARIA.	ACQUA CADUTA. Lin.
GENNAIO.						
1. Mercoledì.	20.	Gre.	27. 5½	44. 8½	Neue. Aria cuida.	3½
2. Giouedì.	20.	Gre.	27. 3½	44. 7½	Nuuolo. Aria men cuida. Piouè.	4½
3. Venerdì.	19.	Gre.	27. 5.	44. 11.	Pioggia. Aria più tosto cuida.	6.
4. Sabbato.	20.	QTuf.	27. 7.	44. 11.	Nuuolo. Aria men cuida. Piouè di	2½
5. Dominica.	20.	T.	27. 10.	44. 10.	Nuuolo. Aria più tosto fredda.	
6. Lunedì.	20.	Gre.	27. 7½	45. 2½	Pioggia. Aria cuida. Piouè nella	5¾
7. Martedì.	21.	Gre.	27. 9.	45. 4.	Nuuolo denso. Aria temperata. Piouè nella	1¾
8. Mercordì.	19.	Gre.	27. 9½	45. 4½	Nuuolo denso. Aria più tosto temperata. Piouè.	⅔
9. Giouedì.	18.	Gre.	27. 9.	45. 7½	Piouè quasi tutta la notte e nella	10¼
10. Venerdì.	20.	Gre.	27. 11.	45. 6.	Piouè la notte. Nuuolo. Aria fresca.	4⅔
11. Sabbato.	19.	Gre.	28.	45.	Sole. Aria fredda.	
12. Domenica.	20.	Gre.	27. 10.	44. 10.	Sole. Aria fredda.	
13. Lunedì.	17.	Gre.	27. 9.	44. 6½	Neue. Aria cuida.	1¾
14. Martedì.	19.	MT.	27. 9.	44. 5½	Sole. Aria fredda.	
15. Mercordì.	18.	M.	27. 7.	44. 1.	Aria assai fredda. Sole.	
16. Giouedì.	18.	QTuf.	27. 9½	44. 1.	Sole e nuuolo. Aria fredda.	
17. Venerdì.	22.	Gre.	27. 9½	43. 10½	Sole. Aria fredda.	
18. Sabbato.	20.	Gre.	27. 8.	43. 8.	Sole. Aria molto assai fredda.	
19. Domenica.	19.	M.	27. 7.	43. 9.	Sole e nuuolo. Aria fredda.	
20. Lunedì.	17.	Gre.	27. 5.	43. 10.	Neue. Aria cuida.	3.
21. Martedì.	20.	MT.	27. 4½	43. 10½	Nuuolo. Aria cuida.	
22. Mercordì.	17.	Gre.	27. 6.	44. 7.	Pioggia. Vento molto	8.

Fig.ESM2 Example of Giovanni Poleni Log, January 1716. Precipitation is in Paris inch (not specified), in the last column (© Marciana Library, Venice, Poleni unpublished manuscripts, Mss. It., CL. IV, N.631, 5354, folio (sheet) 1 front)

ESM 6. Supplement to Section 2: The Poleni house

From 1724 to 1761 Giovanni Poleni, and to 1764 his son Francesco Poleni, lived in S. Giacomo District n. 3959, today Beato Pellegrino Street, n. 5, in the northern side of Padua. The Map of Padua by Giovanni Valle (1781), with size 180 cm by 202 cm, scale 1:2144, reports an accurate description of the city, with buildings, rivers and canals (Fig.ESM3a). The aerial view in Fig.ESM3b shows the Poleni house and the garden today, with the Bovetta Canal earthed, while Fig.ESM3c shows the Bovetta Canal as it was in the XVIII century.

The building was a refurbished water mill and for this reason is located close to the canal. At the end of the garden, there was a pond with fish, fed by the canal. When the river and the canals were in flood, the garden and some ground floor rooms were flooded. The vertical legend written in the garden of the Map means "School of Chemistry" because, when Giovanni died, Francesco sold the building to Marco Carburi, Professor of Chemistry at the Padua University, for the reason that the building was organized for University lessons, with rooms for lessons and laboratory.

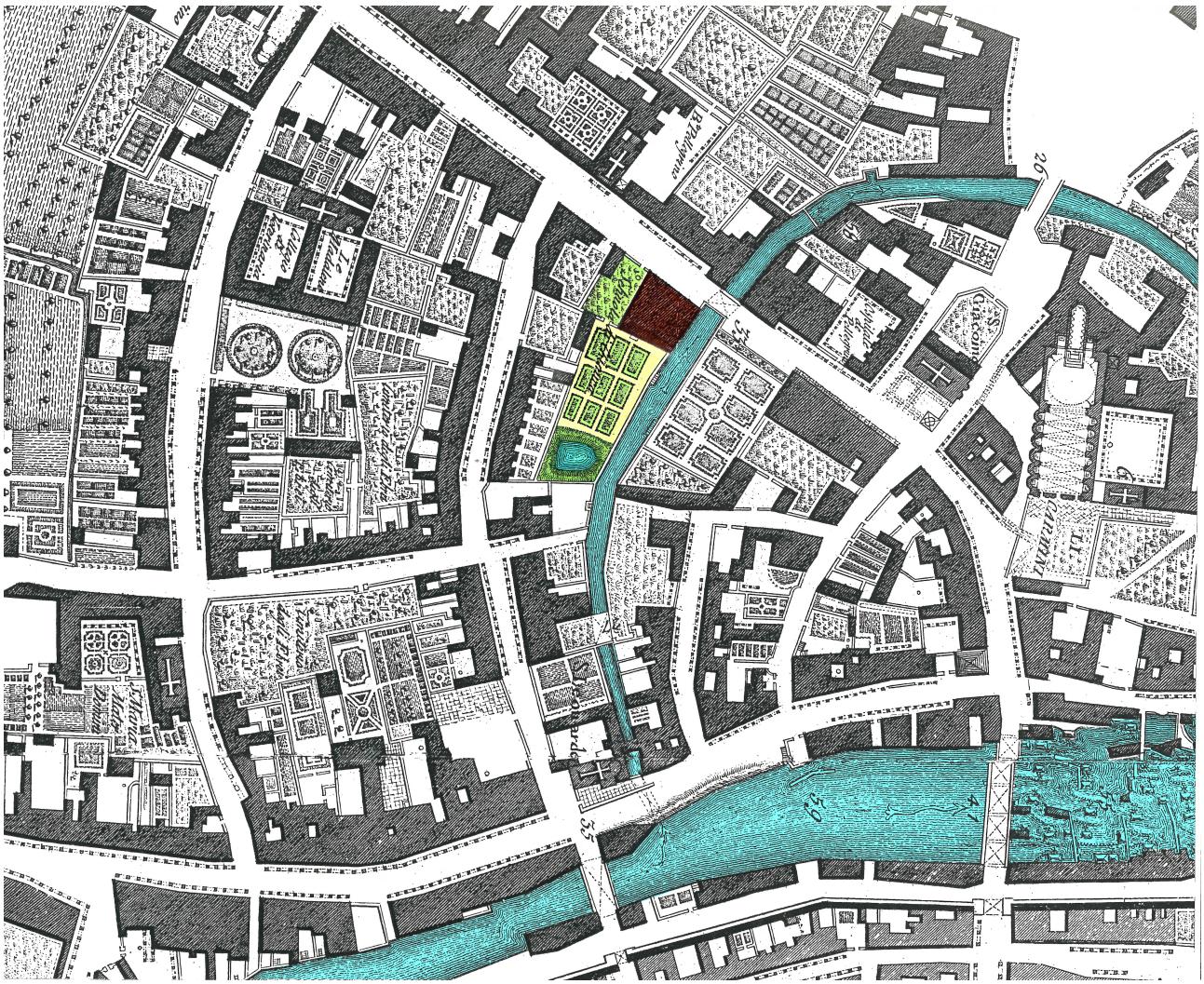


Fig.ESM3 (a) Detail of Map of Padua drawn by Valle (1781) showing the Poleni house (red roof) with (coloured) garden and pond, located on the side of the Bovetta Canal (cyan) flowing on the right side of the building. On the bottom, a branch of the Bacchiglione River with water mills on the right.

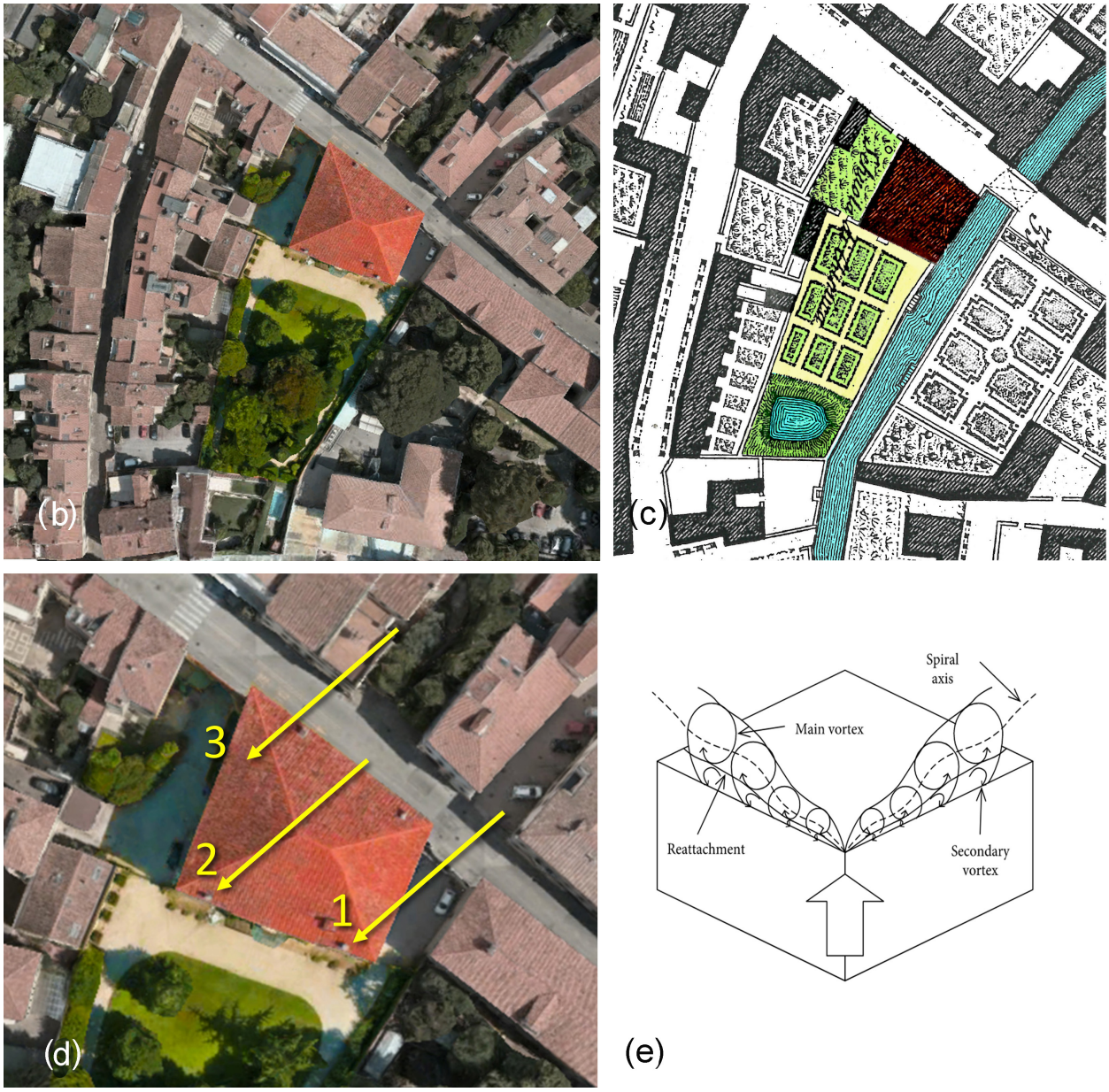


Fig.ESM3 (b) Aerial view of the Poleni house and the garden (from Google Earth). The estate is highlighted with more saturated colours. (c) The same, as it was in the XVIII century with the Bovetta Canal (cyan) flowing on the right side, and a pot (cyan) at the end of the garden (from the Map of Padua drawn by Valle (1781)). (d) Trajectory of windborne raindrops to reach the three chimneys of the Poleni house. Numbers indicating the most likely chimneys: 1 above the library room where he took the temperature and barometric readings; 2 above the laboratory of physics; 3 above the kitchen (now removed from the roof). Poleni had not rooms facing the street and chimneys there should be excluded. Wind turbulence was triggered by the side edge of the roof facing south-east for chimney 1, or facing north-east (i.e. the street side) for chimneys 2 and 3. (e) Example of conical vortices generated on a flat roof edge for an oblique wind direction, and growing with the distance from the edge (from Qiu et al., 2019, CC-BY-4.0).

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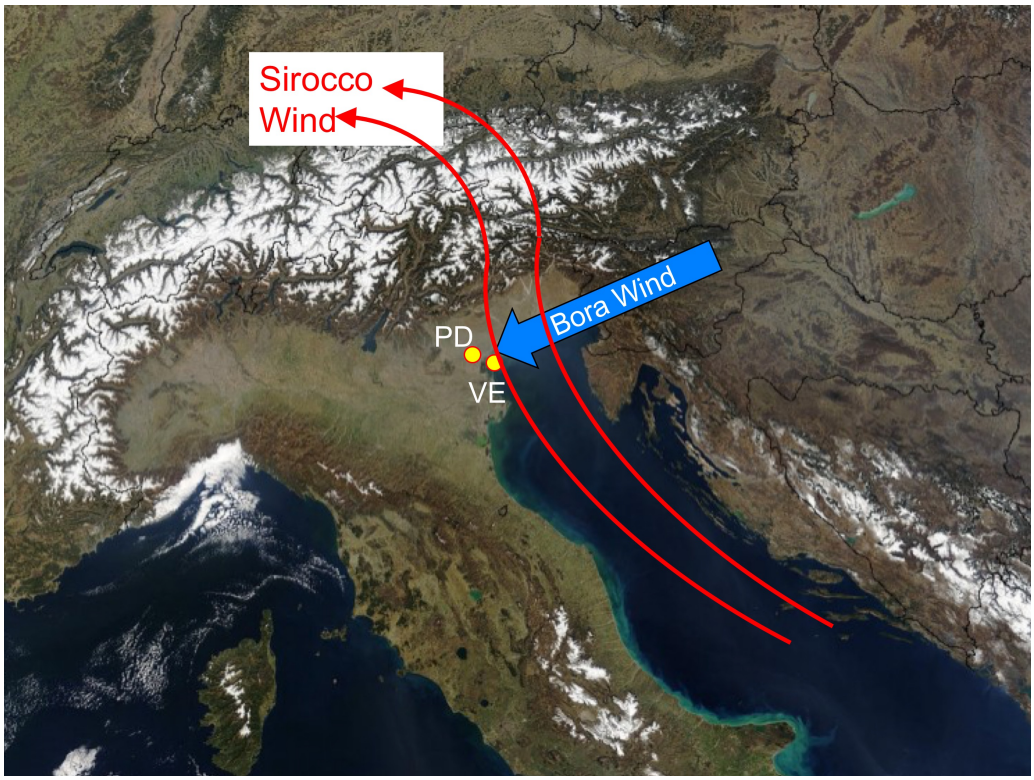
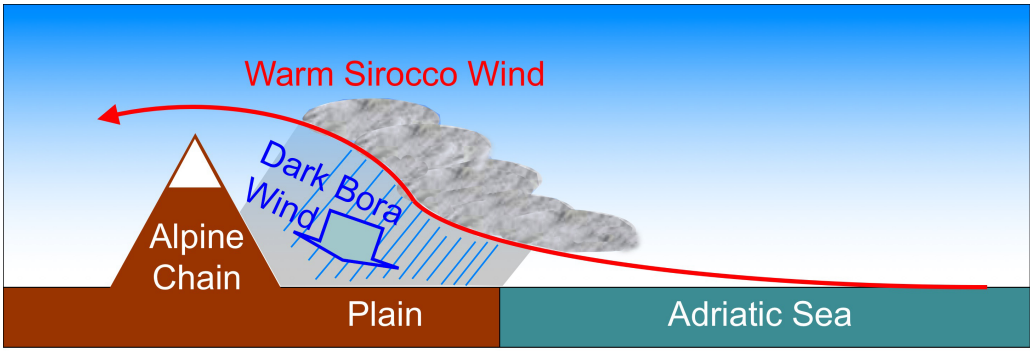
Qiu Y, San B, Zhao Y (2019) Numerical Simulation and Optimization of Wind Effects of Porous Parapets on Low-Rise Buildings with Flat Roofs. Advances in Civil Engineering 11:1-11
Valle G (1781) Pianta di Padova. The map was finished in China ink and watercolour by G. Valle in 1781 and then etched and printed by G. Volpato, Rome 1781

ESM 7. Supplement to Section 2: The Direction of Windborne Rain in Padua

In Venice and Padua, for their geographical position between the Adriatic Sea shore and the Alpine Chain, and the dynamic behaviour of the Sirocco Wind field when crossing the Alps, a wind layering is formed, with the warm and humid Sirocco Wind aloft, and a Bora-type Wind below, blowing from north-east, as shown in Fig.ESM4ab. (Camuffo 1981, 1982, 1990; Camuffo et al. 1979, 1984, 1988).



(a)



(b)

Fig.ESM4 (a) Satellite view of Northern Italy showing the Sirocco Wind flowing above the Alps and generating a Dark Bora with precipitation in Padua (PD) and Venice (VE). (b) Schematic diagram in a SE-NW vertical cross section.

This local wind is meteorologically known as *Dark Bora.* The first part of the name, *Dark,* is due to the thick cloud cover and precipitation that forms at the contact layer between the warm and humid Sirocco and the cold wind below; this thick cover reduces daylight. The second part of the

name, *Bora,* because it is strong and has the typical direction of the Bora winds, i.e. from north-east. The *Dark Bora* occurs when the warm and humid Sirocco wind crosses the Alpine Chain, and is explained with the dynamical mechanism that is triggered and the particular pressure field generated along the lee of the Alpine Chain (Reiter 1971, 1975). In Padua, Venice and the hinterland between the Adriatic Sea and the Alpine Chain, this is the most frequent mechanism to generate rain (Fig.ESM4c). Only summer showers and other precipitation generated by local thermo-convective activity is not strictly controlled by these mesoscale interactions and windborne raindrops may occur with other wind directions, e.g. the local breeze.

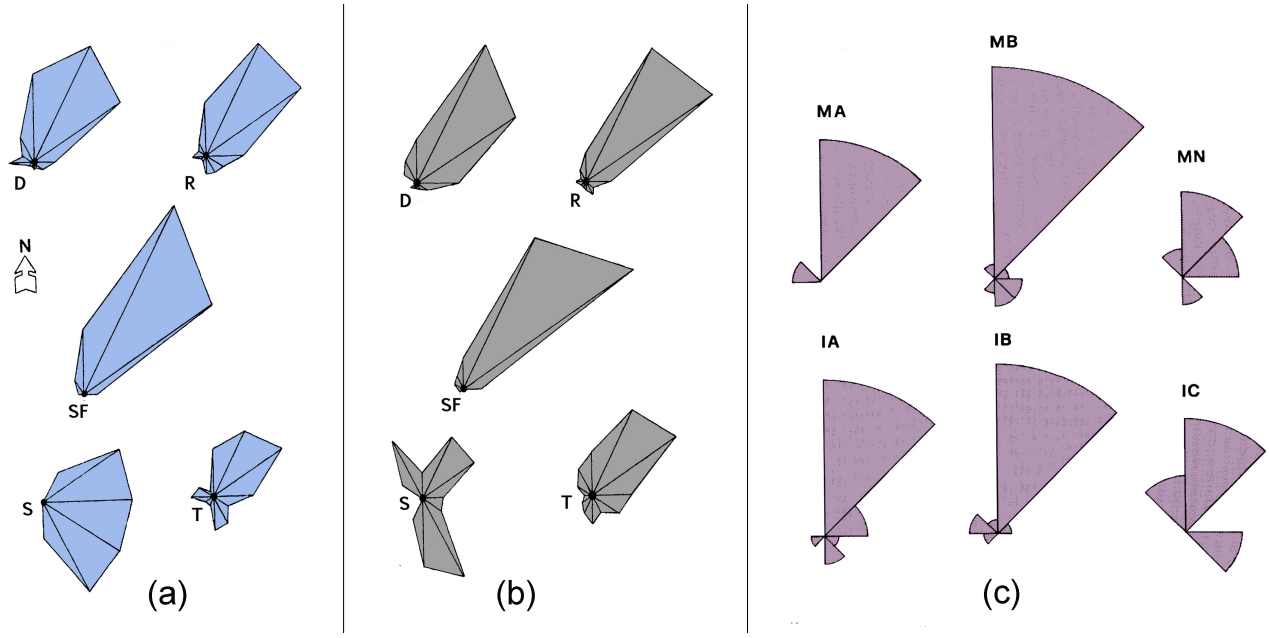


Fig.ESM4c Precipitation roses (direction of windborne drops) in Venice and Padua. (a) Venice S. Nicolò airport, on the sea shore, 1951-61. D drizzle, R rain, SF snow flakes, S showers, T thunderstorm. (b) Venice Tessera airport, on the lagoon shore, 1962-71 (from Camuffo et al. 1984, by courtesy of Elsevier, Science of the Total Environment, ON 4758681017399). (c) Precipitation roses in Padua for different weather types (from Camuffo et al. 1988, by courtesy of Elsevier, Science of the Total Environment, ON 4758671238610).

The combination of Fig.ESM4c and Fig.ESM3(d) explains the trajectory of windborne drops to reach the three chimneys of the Poleni house. Chimneys facing the street should be excluded, because Poleni had no access to this building side (Poleni 1731). Very likely, the funnel was located on the top of chimney 1, except for the period 1737-42, when it was moved to another chimney. Chimney 1 was above the library with the meteorological instruments; chimney 2 above the laboratory of physics on the 1st floor; and chimney 3 above the kitchen.

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ESM 8. Supplement to Section 2: Examples of the original documents

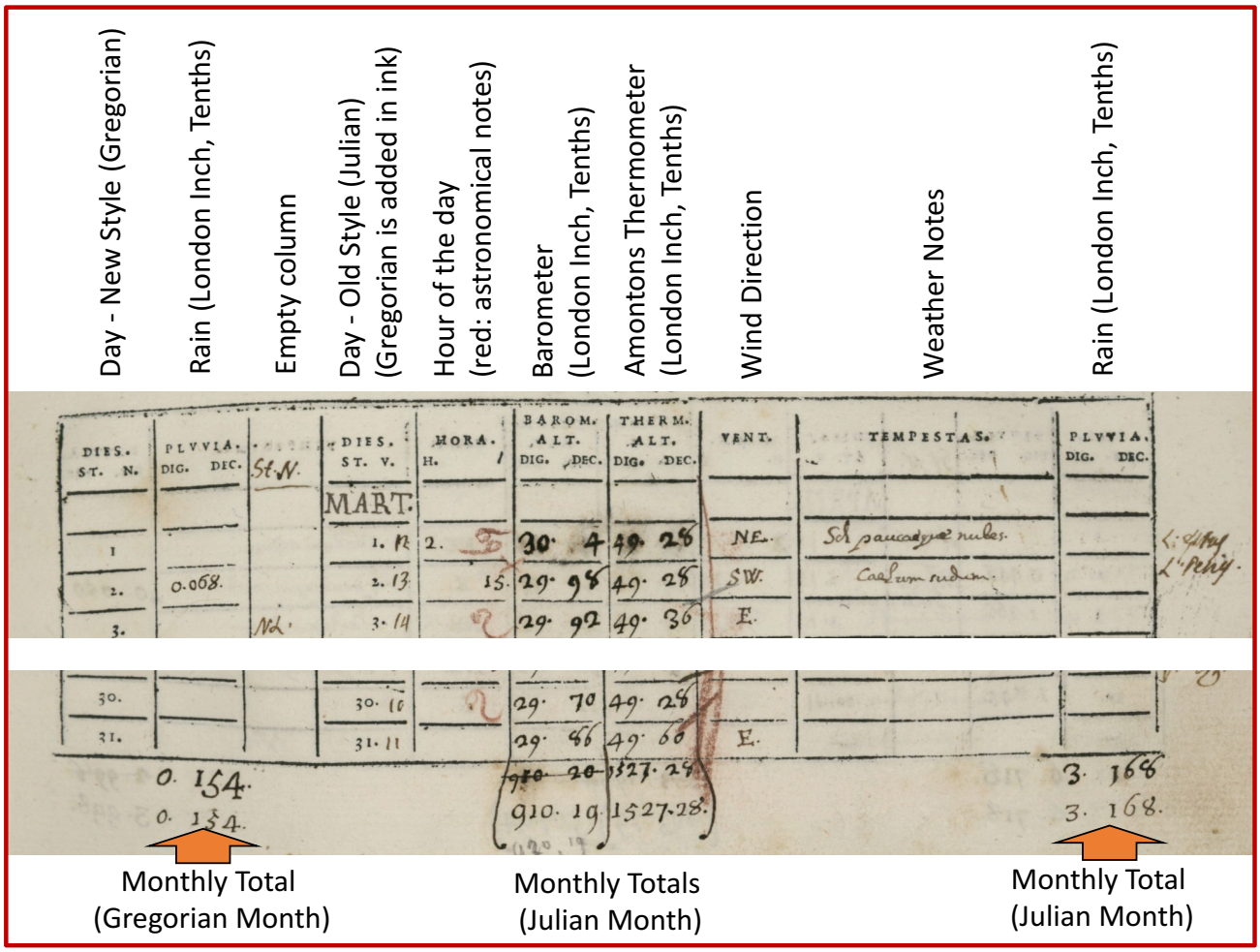
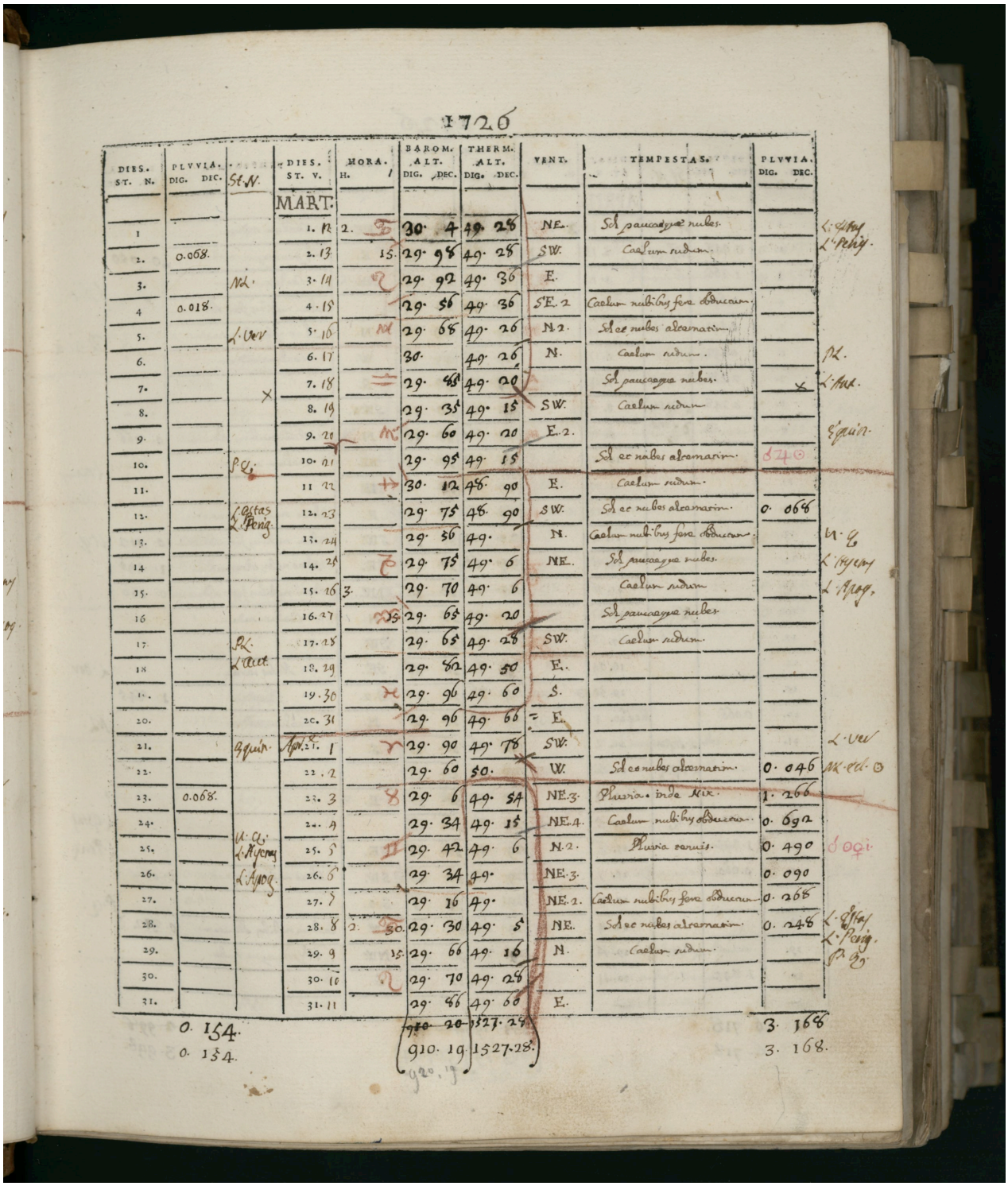


Fig.ESM5a Scheme of Giovanni Poleni Log (top and bottom rows of March 1726). Poleni started on January 1st 1725 Julian Style (JS), i.e. January 12th Gregorian Style (GS). The two columns reporting precipitation are 11 days out of phase, following the two calendar styles, i.e. GS=JS+11d. The monthly totals outside the table, i.e. 0.154 inch and 3.168 inch are different because the Julian and Gregorian months differ between them, i.e. March JS starts on March 12th GS and ends on April 12th GS. The upper monthly totals of precipitation, barometer and thermometer are written by Poleni; the lower ones are a check made by Giuseppe Toaldo. Red pencil notations by Toaldo.



1726

DIES. ST. N.	PLVVIA. DIG.	DEC.		DIES. ST. V.	HORA. H.		BAROM. ALT. DIG.	DEC.	THERM. ALT. DIG.	DEC.	VENT.	TEMPESTAS.	PLVVIA. DIG.	DEC.
				MART.										
1				1. 12	2.	♋	30.	4	49.	28	NE.	Sol paucaque nubes.		
2.	0.068.			2. 13		15.	29.	98	49.	28	SW.	Caelum nubum.		
3.			N2.	3. 14		♌	29.	92	49.	36	E.			
4	0.018.			4. 15			29.	56	49.	36	SE. 2	Caelum nubibus fere obducum.		
5.			L. Ver	5. 16		♍	29.	68	49.	26	N. 2.	Sol ac nubes alternatim.		
6.				6. 17			30.		49.	26	N.	Caelum nubum.		
7.				7. 18		♎	29.	48	49.	20		Sol paucaque nubes.		
8.			×	8. 19			29.	35	49.	15	SW.	Caelum nubum		
9.				9. 20		♏	29.	60	49.	20	E. 2.			
10.			S. Q.	10. 21			29.	95	49.	15		Sol ac nubes alternatim.		
11.				11 22		♐	30.	12	48.	90	E.	Caelum nubum.		
12.			L. Estas L. Peng.	12. 23			29.	75	48.	90	SW.	Sol ac nubes alternatim.	0. 068	
13.				13. 24			29.	56	49.		N.	Caelum nubibus fere obducum.		
14				14. 25		♑	29.	75	49.	6	NE.	Sol paucaque nubes.		
15.				15. 26	3.		29.	70	49.	6		Caelum nubum		
16				16. 27		♒	29.	65	49.	20		Sol paucaque nubes.		
17.			S. L.	17. 28			29.	65	49.	28	SW.	Caelum nubum.		
18			L. Aest.	18. 29			29.	62	49.	50	E.			
19.				19. 30		♓	29.	96	49.	60	S.			
20.				20. 31			29.	96	49.	66	E.			
21.			Equin.	Apr. 21. 1		♈	29.	90	49.	78	SW.			
22.				22. 2			29.	60	50.		W.	Sol ac nubes alternatim.	0. 046	
23.	0.068.			23. 3		♉	29.	6	49.	54	NE. 3.	Pluvia. inde Nix.	1. 266	
24.				24. 4			29.	34	49.	15	NE. 4.	Caelum nubibus obducum.	0. 692	
25.			U. Q. L. Hyems	25. 5		♊	29.	42	49.	6	N. 2.	Pluvia rarius.	0. 490	
26.			L. Apog.	26. 6			29.	34	49.		NE. 3.		0. 090	
27.				27. 7			29.	16	49.		NE. 2.	Caelum nubibus fere obducum.	0. 268	
28.				28. 8	2.	♋	30.	29. 30	49.	5	NE.	Sol ac nubes alternatim.	0. 248	
29.				29. 9		15.	29.	66	49.	16	N.	Caelum nubum.		
30.				30. 10		♌	29.	70	49.	28				
31.				31. 11			29.	66	49.	60	E.			
	0. 154.						~~910. 20~~		~~1527. 24~~				3. 166	
	0. 154.						910. 19		1527. 28.				3. 168.	

Fig.ESM5b Example of Giovanni Poleni Log, March 1726. (© Historical Archive of the Astronomical Observatory, Padua. The Poleni Log is available online, on the Archive website http://www.beniculturali.inaf.it/sicap/opac.aspx?WEB=INAFS&OPAC=AD&TBL=AD&ID=20273

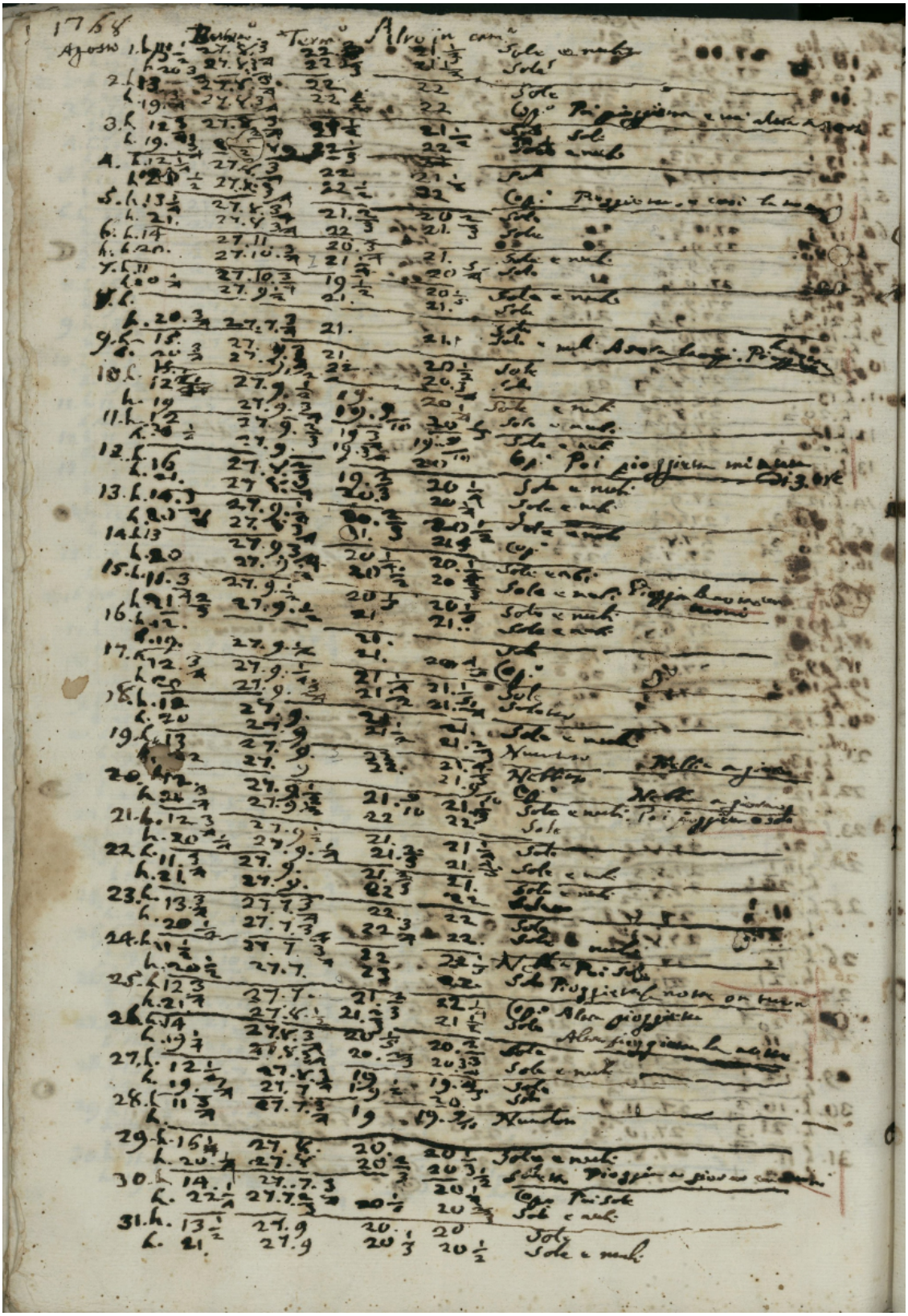
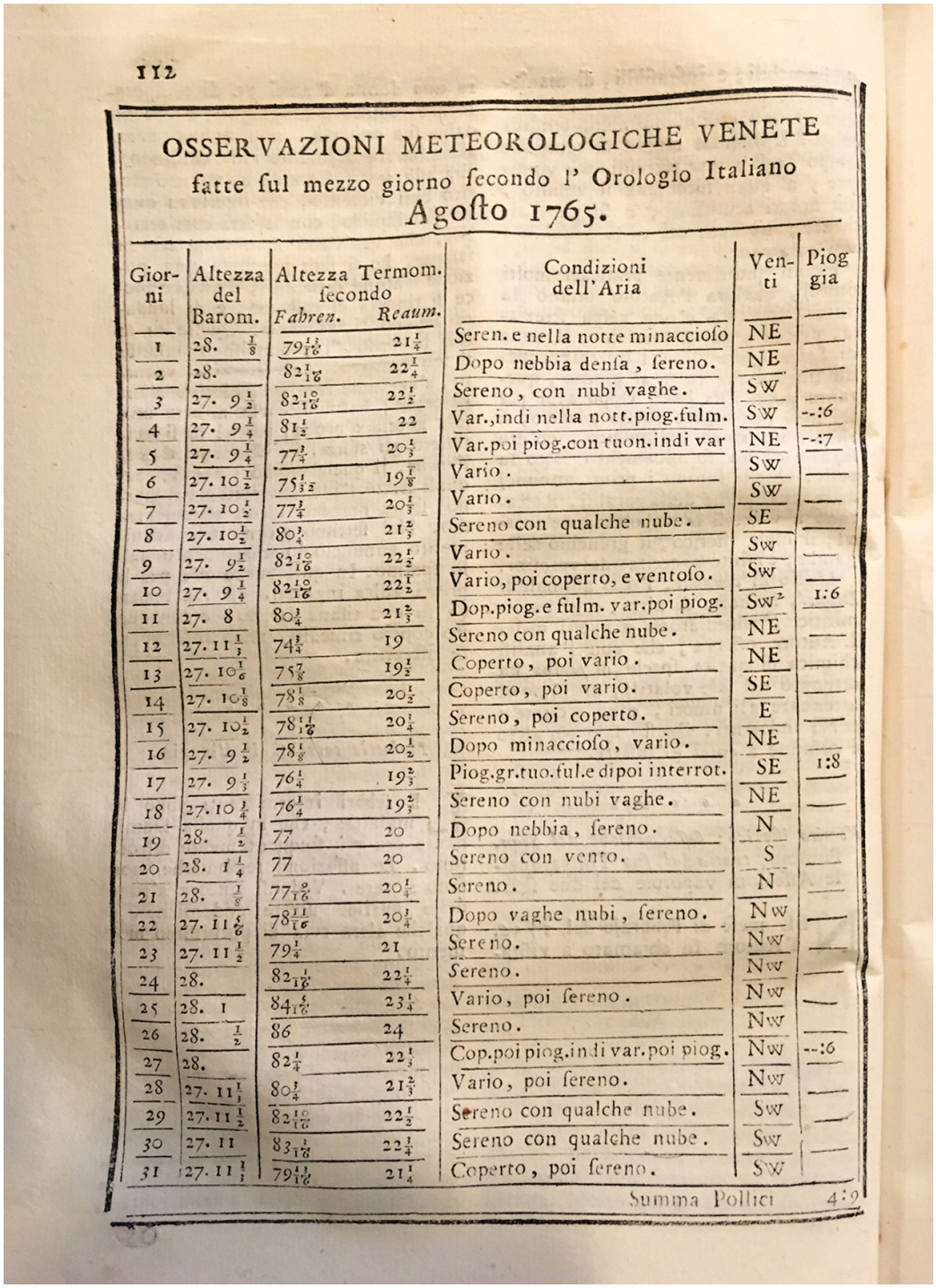


Fig.ESM6 Example of Giovan Battista Morgagni Log, August 1768. (© Historical Archive of the Astronomical Observatory, Padua. The Morgagni Log is available online, on the Archive website www.beniculturali.inaf.it/archivi/padova/#serie).



112

OSSERVAZIONI METEOROLOGICHE VENETE
fatte ſul mezzo giorno ſecondo l' Orologio Italiano
Agoſto 1765.

Giorni	Altezza del Barom.	Altezza Termom. ſecondo Fahren.	Reaum.	Condizioni dell'Aria	Venti	Piog gia
1	28. 1/8	79 13/16	21 1/4	Seren. e nella notte minacciofo	NE	—
2	28.	82 1/16	22 1/4	Dopo nebbia denſa, ſereno.	NE	—
3	27. 9 1/2	82 10/16	22 1/2	Sereno, con nubi vaghe.	SW	
4	27. 9 1/4	81 1/2	22	Var.,indi nella nott.piog.fulm.	SW	--:6
5	27. 9 1/4	77 3/4	20 1/3	Var.poi piog.con tuon.indi var	NE	--:7
6	27. 10 1/2	75 1/32	19 1/8	Vario.	SW	—
7	27. 10 1/2	77 3/4	20 1/3	Vario.	SW	—
8	27. 10 1/2	80 3/4	21 2/3	Sereno con qualche nube.	SE	—
9	27. 9 1/2	82 10/16	22 1/2	Vario.	SW	—
10	27. 9 1/4	82 10/16	22 1/2	Vario, poi coperto, e ventoſo.	SW	—
11	27. 8	80 3/4	21 2/3	Dop.piog.e fulm. var.poi piog.	SW²	1:6
12	27. 11 1/3	74 3/4	19	Sereno con qualche nube.	NE	—
13	27. 10 1/6	75 7/8	19 1/2	Coperto, poi vario.	NE	—
14	27. 10 1/8	78 1/8	20 1/2	Coperto, poi vario.	SE	—
15	27. 10 1/2	78 11/16	20 1/4	Sereno, poi coperto.	E	—
16	27. 9 1/2	78 1/8	20 1/2	Dopo minacciofo, vario.	NE	—
17	27. 9 1/3	76 1/4	19 2/3	Piog.gr.tuo.ful.e dipoi interrot.	SE	1:8
18	27. 10 3/4	76 1/4	19 2/3	Sereno con nubi vaghe.	NE	—
19	28. 1/2	77	20	Dopo nebbia, ſereno.	N	—
20	28. 1 1/4	77	20	Sereno con vento.	S	—
21	28. 1/8	77 9/16	20 1/4	Sereno.	N	—
22	27. 11 5/6	78 11/16	20 1/4	Dopo vaghe nubi, ſereno.	NW	—
23	27. 11 1/2	79 1/4	21	Sereno.	NW	—
24	28.	82 1/16	22 1/4	Sereno.	NW	—
25	28. 1	84 5/16	23 1/4	Vario, poi ſereno.	NW	—
26	28. 1/2	86	24	Sereno.	NW	—
27	28.	82 1/4	22 1/3	Cop.poi piog.indi var.poi piog.	NW	--:6
28	27. 11 1/3	80 3/4	21 2/3	Vario, poi ſereno.	NW	—
29	27. 11 1/2	82 10/16	22 1/2	Sereno con qualche nube.	SW	—
30	27. 11	83 1/16	22 3/4	Sereno con qualche nube.	SW	—
31	27. 11 1/3	79 13/16	21 1/4	Coperto, poi ſereno.	SW	
				Summa Pollici		4:9

Fig.ESM7 Example of Nicolò Pollaroli Log, in the *Giornale di Medicina* (Medicine Journal) edited by Pietro Orteschi, August 1765, printed B. Milocco, Venice. (Inv. SIN832188, Coll. Per. 817, year 1765, page 112, © Marciana Library, Venice

ESM 9. Supplement to Section 2: Raingauge Exposure on the Specola Tower

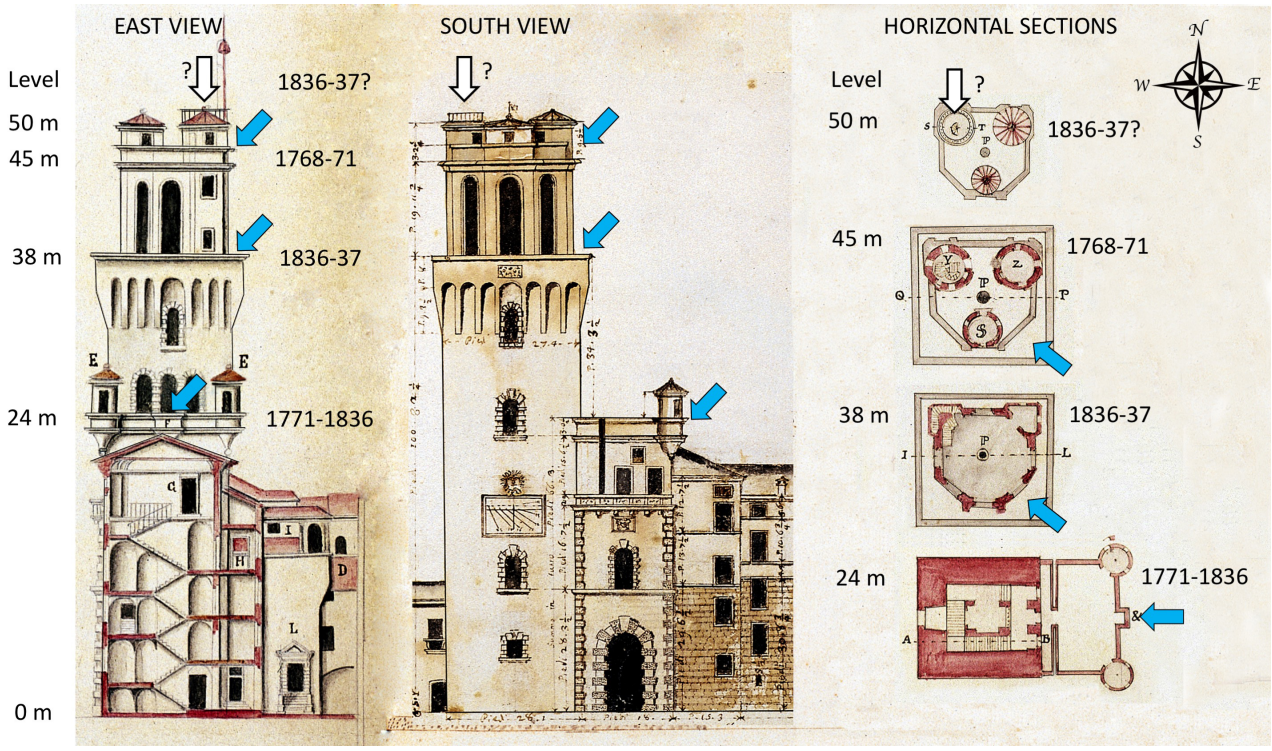


Fig.ESM8 Vertical cross sections of the main Tower (from East and South), and horizontal cross sections of the terraces (on the right) with the most likely locations of the raingauge (cyan arrows with indicated period) from 1768 to 1837. The levels of the locations are reported in correspondence of the exposure years. The likely position in 1836-37 is reported twice: the 38 m level (cyan arrow) is the most probable one, the 50 m level (white arrow, question mark) the less probable. Original sections made by the Architect Domenico Cerato during the refurbishment works in 1768-1771, but rearranged (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Album Cerato).

ESM 10. Supplement to Section 2: Examples of the original documents

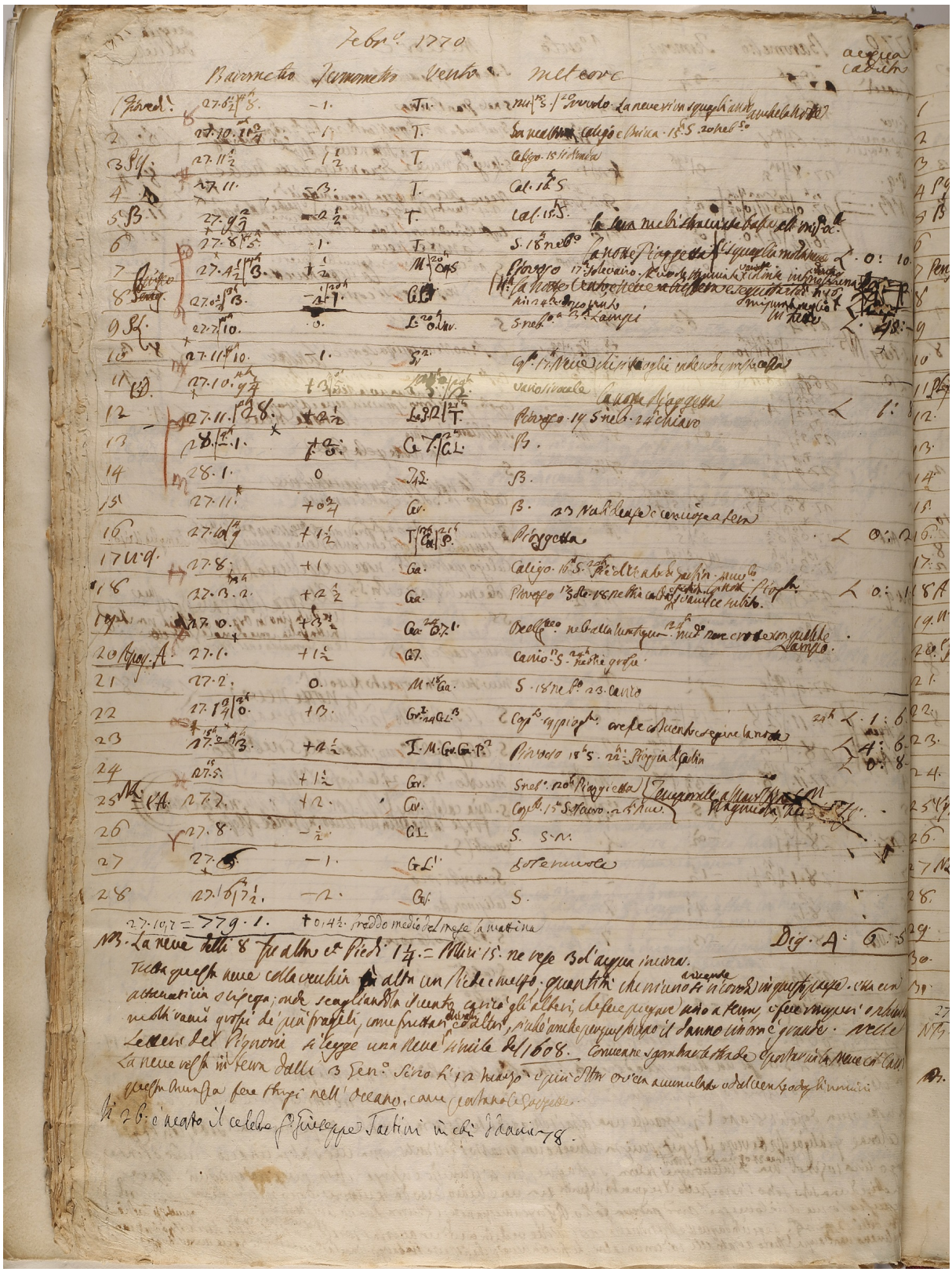


Fig.ESM9a Example of a fair copy Giuseppe Toaldo Log, February 1770 (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Osservazioni Meteorologiche di Padova, 1766-1804).

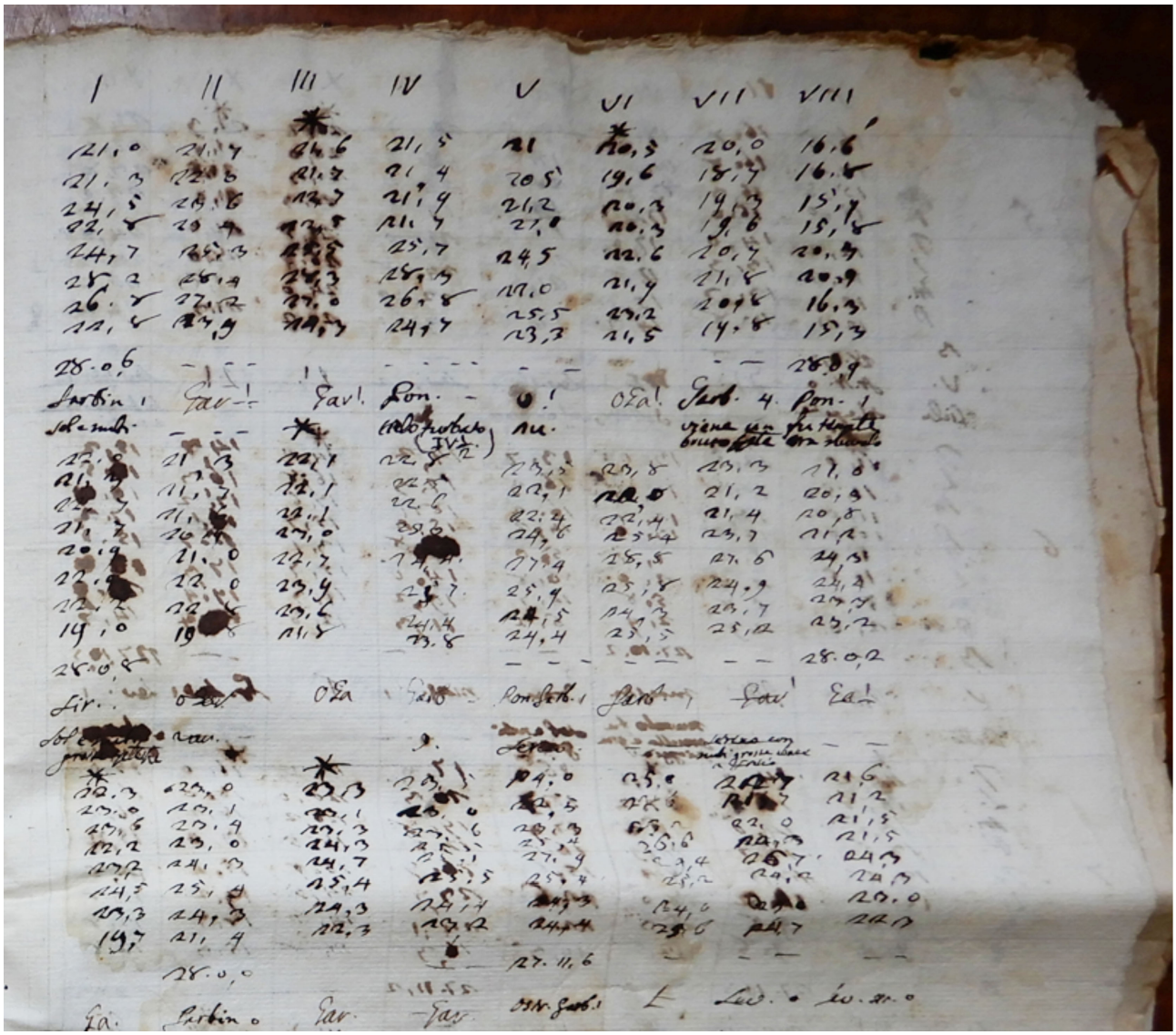


Fig.ESM9b Example of a first draft Giuseppe Toaldo Log with corrections and ink stains (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Atti vari di carattere scientifico, «Carte di Giuseppe Toaldo», B. XXI, fasc. 5).

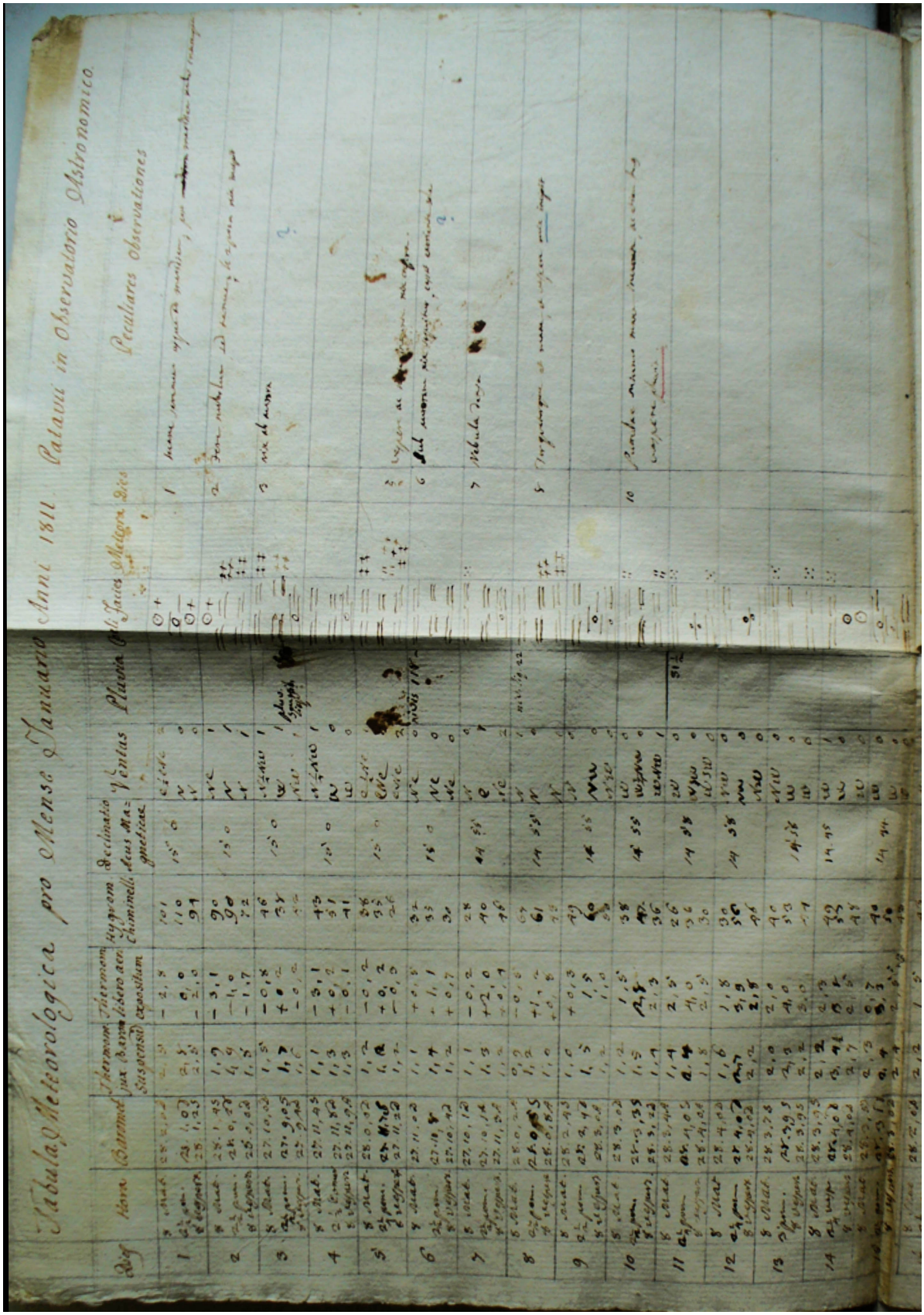
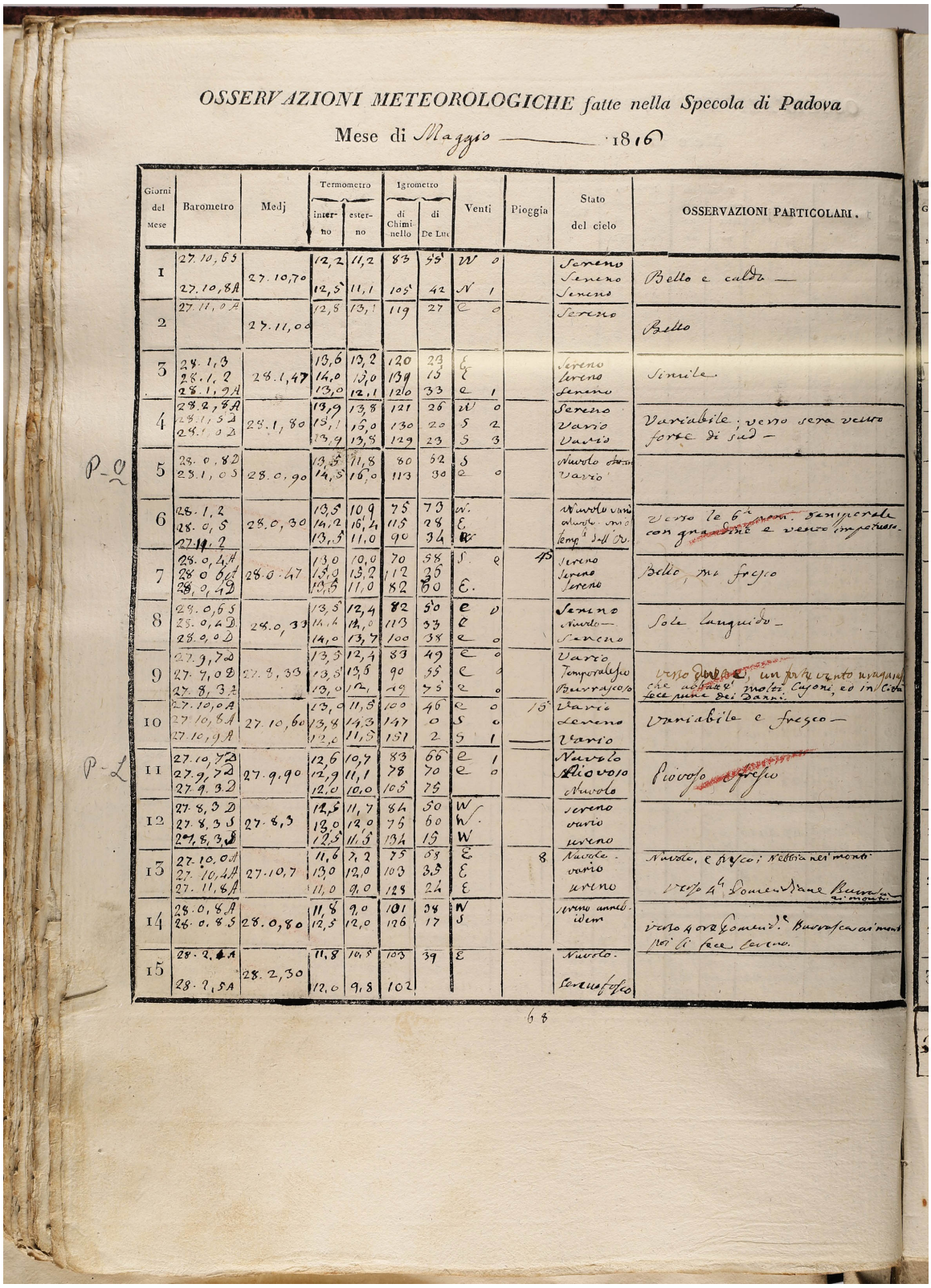


Fig.ESM10 Example of Vincenzo Chiminello Log following the protocol of the *Societas Meteorologica Palatina*, Mannheim, January 1811 (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Osservazioni Meteorologiche di Padova 1809-1811).



OSSERVAZIONI METEOROLOGICHE fatte nella Specola di Padova

Mese di Maggio 1816

Giorni del Mese	Barometro	Medj	Termometro interno	Termometro esterno	Igrometro di Chimi nello	Igrometro di De Luc	Venti	Pioggia	Stato del cielo	OSSERVAZIONI PARTICOLARI.
1	27.10,65 27.10,8A	27.10,70	12,2 12,5	11,2 11,1	83 105	55 42	W 0 N 1		Sereno Sereno Sereno	Bello e caldo —
2	27.11,0A	27.11,00	12,8	13,1	119	27	E 0		Sereno	Bello
3	28.1,3 28.1,2 28.1,9A	28.1,47	13,6 14,0 13,0	13,2 13,0 12,1	120 139 120	29 15 33	E E E 1		Sereno Sereno Sereno	Simile.
4	28.2,8A 28.1,5A 28.1,0A	28.1,80	13,9 15,1 13,9	13,8 15,0 13,5	121 130 129	26 20 23	W 0 S 2 S 3		Sereno Vario Vario	Variabile; verso sera vento forte di sud —
5	28.0,82 28.1,05	28.0,90	13,5 14,5	11,8 16,0	80 113	52 30	S E 0		Nuvolo Vario	
6	28.1,2 28.0,5 27.11,2	28.0,30	13,5 14,2 13,5	10,9 16,4 11,0	75 115 90	73 28 34	N E N		Nuvolo vario Nuvolo vario Temp.le sull'Or.	Verso le 6h generale con gran tuono e vento impetuoso.
7	28.0,4A 28.0,6A 28,0,9D	28.0,47	13,0 15,0 13,5	10,0 13,2 11,0	70 112 82	58 26 60	S E E.	45	Sereno Sereno Sereno	Bello, ma fresco
8	28.0,65 28.0,4D 28.0,0D	28.0,33	13,5 16,4 14,0	12,4 12,0 13,7	82 113 100	50 33 38	E 0 E E 0		Sereno Nuvolo Sereno	Sole languido —
9	27.9,70 27.7,0D 27.8,3A	27.8,33	13,5 13,5 13,0	12,4 13,5 12,1	83 90 89	49 55 75	E 0 E 0 E 0		Vario Temporalesco Burrascoso	Verso due h., un forte vento ugaglia che notò molti Cupoli, ed in Città fece piane dei Danni.
10	27.10,0A 27.10,8A 27.10,9A	27.10,60	13,0 13,8 12,0	11,5 14,3 11,5	100 147 151	46 0 2	E 0 S 0 S 1	15	Vario Sereno Vario	Variabile e fresco —
11	27.10,72 27.9,72 27.9,3D	27.9,90	12,6 12,9 12,0	10,7 11,1 10,0	83 78 105	66 70 75	E 1 E 0 —		Nuvolo Piovoso Nuvolo	Piovoso fresco
12	27.8,3D 27.8,3S 27.8,3S	27.8,3	12,5 13,0 12,5	11,7 12,0 11,5	84 76 134	50 60 19	W W W		Sereno vario sereno	
13	27.10,0A 27.10,4A 27.11,8A	27.10,7	11,6 13,0 11,0	7,2 12,0 9,0	75 103 128	58 33 24	E E E	8	Nuvolo. vario sereno	Nuvolo, e fosco; Nebbia nei monti. Verso 4h Domenica Burrasca ai monti
14	28.0,8A 28.0,8S	28.0,80	11,8 12,5	9,0 12,0	101 126	38 17	W S		vario annuvolato idem	verso 4 ore Domenica Burrasca ai monti poi si fece sereno.
15	28.2,4A 28.2,5A	28.2,30	11,8 12,0	10,5 9,8	103 102	39	E		Nuvolo. Sereno fresco	

68

Fig.ESM11 Example of Francesco Bertirossi-Busata Log, 1-15 May 1816. The days with red pencil mark, i.e. 6, 9 and 11, had precipitation. However, the amounts were read and reported on 7, 10 and 13 (i.e. one or two days later) (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Osservazioni Meteorologiche di Padova, 1766-1804).

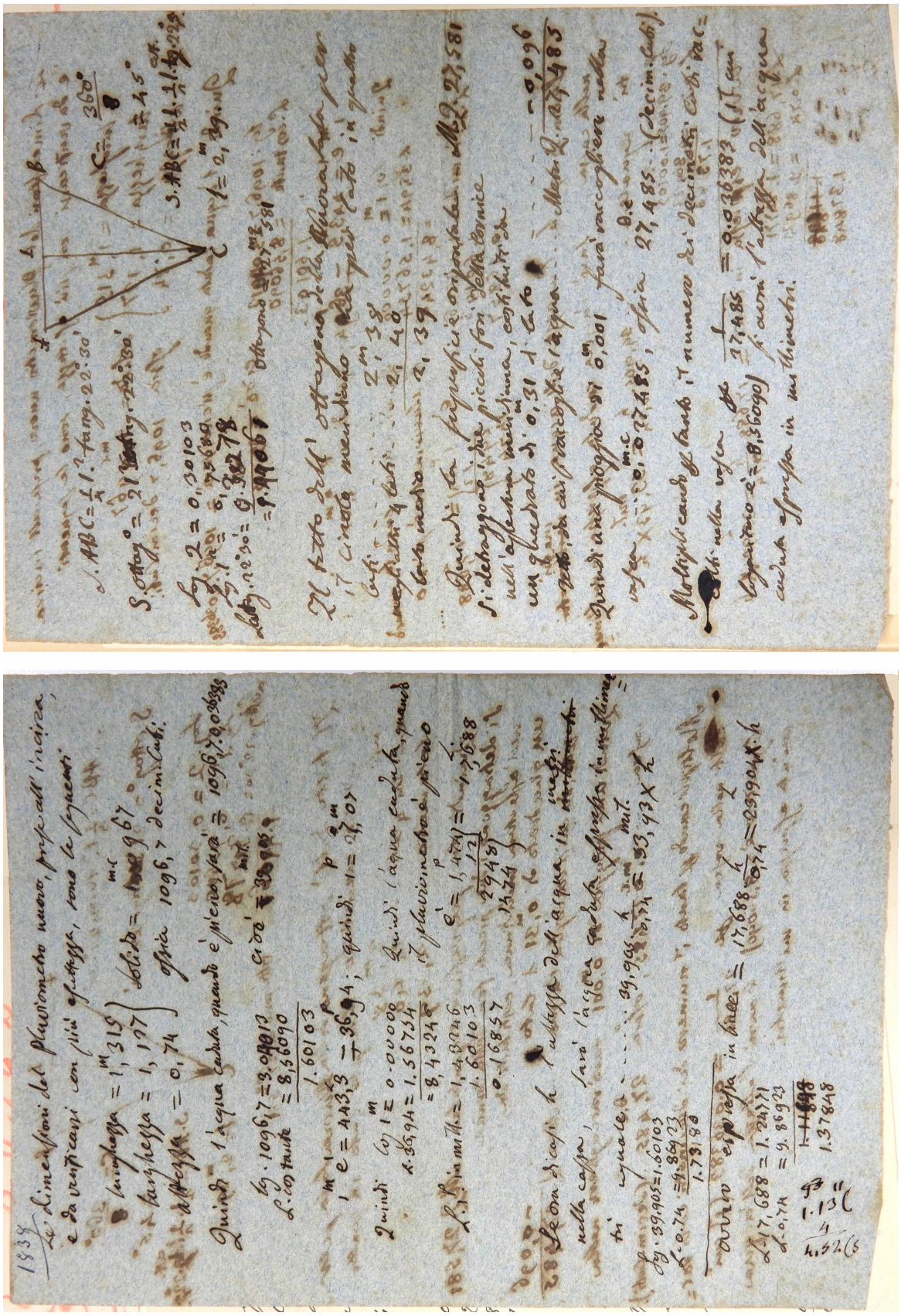


Fig.ESM12 Minutes with the calculation of the catching area of the dome of the Meridian Circle, used in 1838-1877 (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Atti e dati relativi a strumenti, «Dati relativi ai pluviometri», b. XVI, fasc. 1, the same folio front and recto).

57

Quantità della pioggia

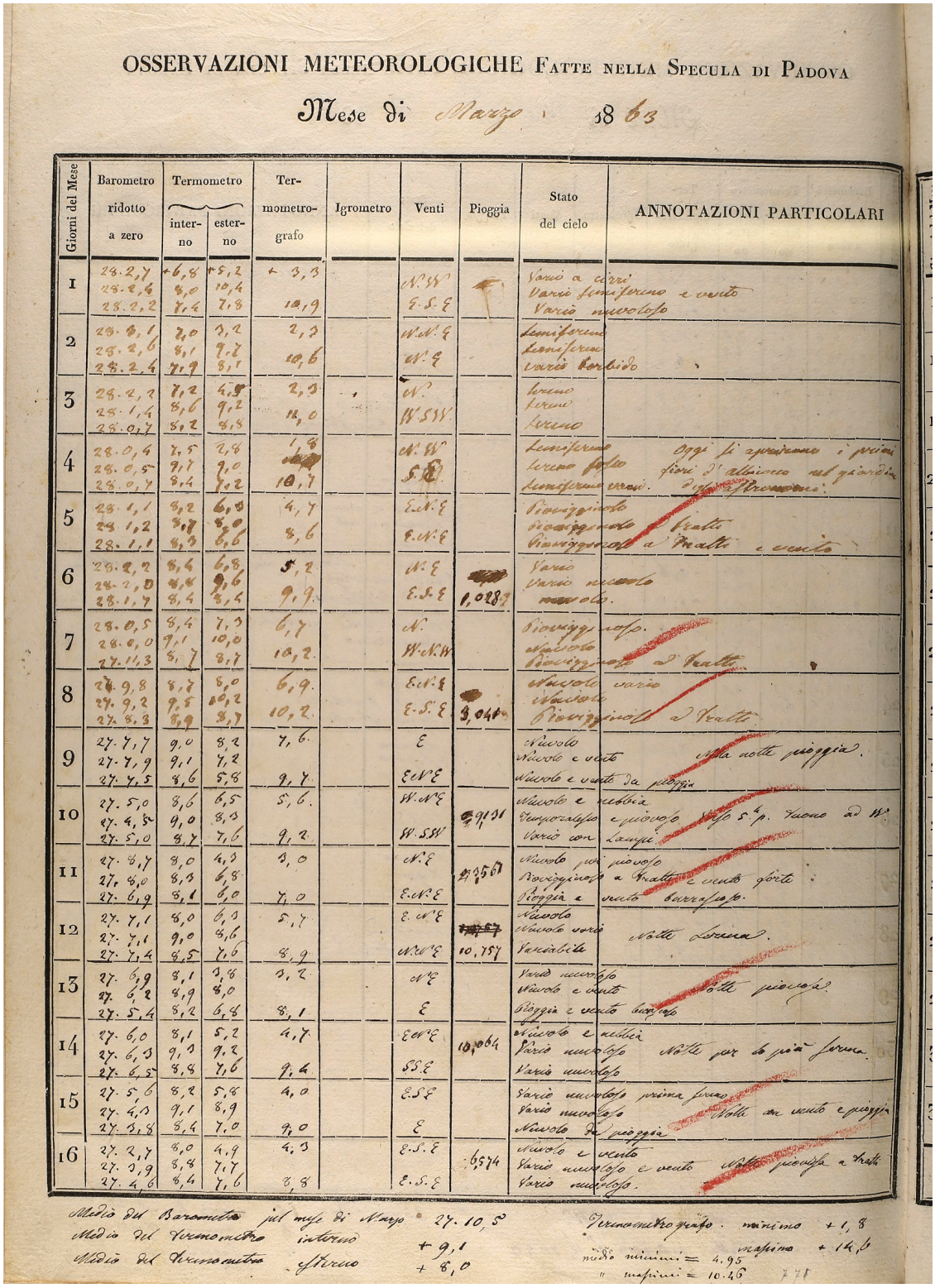
Mesi	poll.	lin.	dec.
Gennajo .	2	8,	8
Febbrajo .	5	1,	8
Marzo .	2	0,	0
Aprile .	4	0,	1
Maggio .	4	11,	1
Giugno .	1	8,	2
Luglio .	1	2,	8
Agosto .	1	1,	6
Settembre	3	2,	6
Ottobre .	1	4,	2
Novembre	2	9,	0
Dicembre	0	11,	7
Somme .	51	1,	9

Qualità dei Giorni.

Mesi	Giorni: sereni	con pioggia	nuvolosi o varj	con neve	con grandine	con nebbia	con temporale	con vento forte	Venti dominanti
Gennajo .	2	5	24	8	. .	4	. .	2	N
Febbrajo .	2	11	16	9	. .	6	. .	9	E
Marzo .	1	12	27	. .	. .	3	1	5	E
Aprile .	4	15	21	. .	. .	. .	. .	12	E, NEE
Maggio .	10	9	20	. .	2	2	5	3	E, NNE
Giugno .	6	9	20	. .	. .	. .	4	10	N, NE
Luglio .	10	11	20	. .	. .	. .	7	8	N
Agosto .	10	6	21	. .	. .	. .	3	6	E
Settembre	6	11	13	. .	. .	6	1	3	NO
Ottobre .	14	2	14	. .	. .	1	. .	7	N
Novembre	3	14	20	3	. .	6	1	6	N, NNO
Dicembre	11	6	17	1	. .	4	. .	8	N
Somme	79	111	233	21	2	32	22	79	

56

Fig.ESM13 *Giornale Astro-Meteorologico* (Journal about Astronomy and Meteorology) of the year 1740 with the 1738 monthly totals and frequency.



OSSERVAZIONI METEOROLOGICHE FATTE NELLA SPECULA DI PADOVA

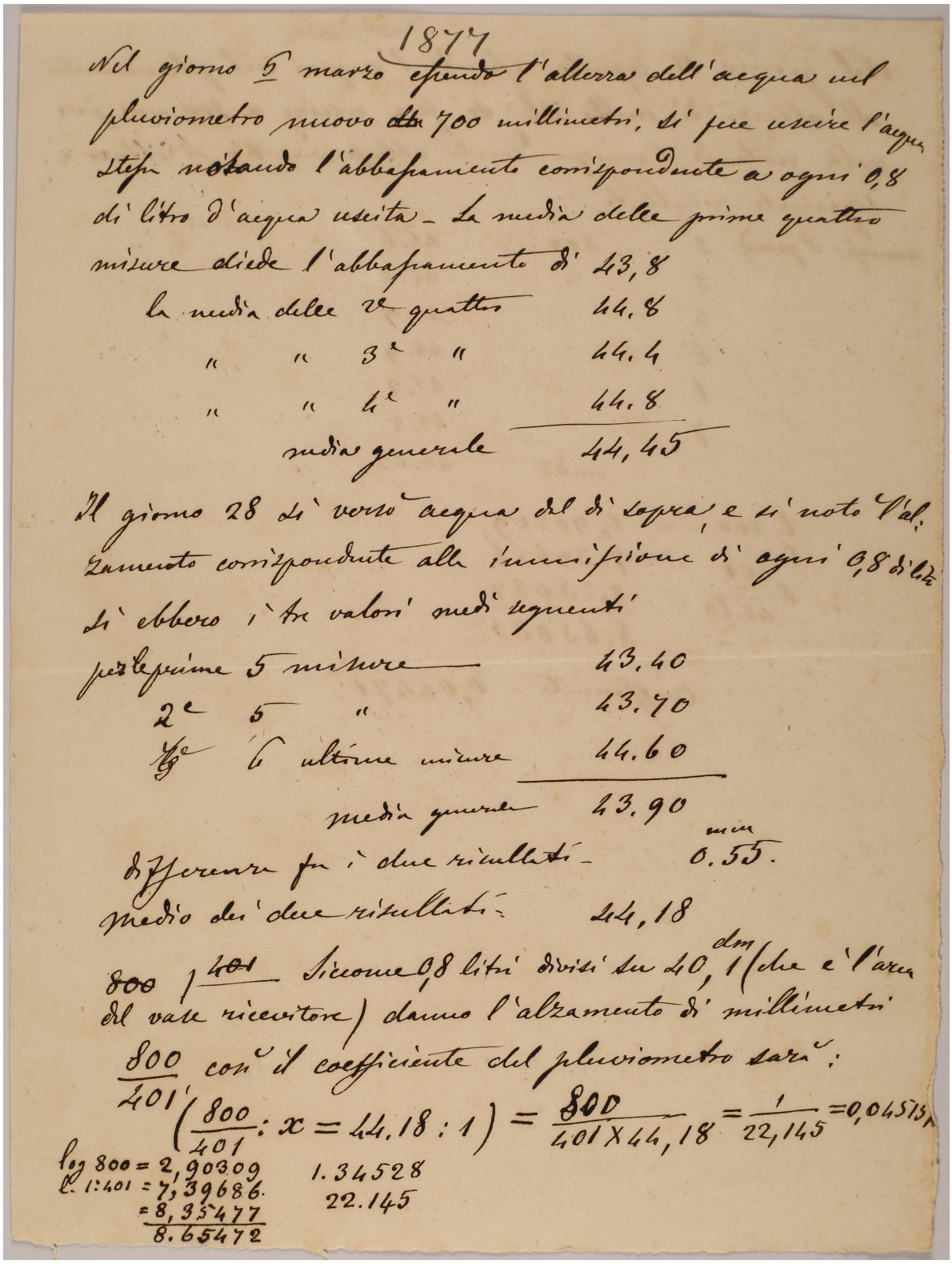
Mese di Marzo 1863

Giorni del Mese	Barometro ridotto a zero	Termometro interno	Termometro esterno	Termometrografo	Igrometro	Venti	Pioggia	Stato del cielo	ANNOTAZIONI PARTICOLARI
1	28.2,7 28.2,6 28.2,2	+6,8 8,0 7,4	+5,2 10,4 7,8	+ 3,3 10,9		N.W E.S.E		Sereno a tratti Vario semisereno e vento Vario nuvoloso	
2	28.2,1 28.2,6 28.2,4	7,0 8,1 7,9	3,2 9,7 8,1	2,7 10,6		W.N.E N.E		Semisereno Semisereno Vario torbido	
3	28.2,2 28.1,4 28.0,7	7,2 8,6 8,2	4,8 9,2 8,8	2,3 12,0		N W.SW		Sereno Sereno Sereno	
4	28.0,4 28.0,5 28.0,7	7,5 9,7 8,4	2,8 9,0 9,2	1,8 10,7		N.W S.E		Semisereno Sereno fisso Semisereno varii	Oggi si aprirono i primi fiori d'albicocco nel giardino.
5	28.1,1 28.1,2 28.1,1	8,2 8,7 8,3	6,3 8,0 8,6	4,7 8,6		E.N.E E.N.E		Piovigginoso Piovigginoso a tratti Piovigginoso a tratti e vento	
6	28.2,2 28.2,0 28.1,7	8,4 8,8 8,4	6,8 9,6 8,4	5,2 9,9		N.E E.S.E	1,028	Vario Vario nuvolo Nuvolo	
7	28.0,5 28.0,0 27.11,3	8,4 9,1 8,7	7,3 10,0 8,7	6,7 10,2		N. W.N.W		Piovigginoso. Nuvolo Piovigginoso a tratti	
8	28.9,8 27.9,2 27.8,3	8,7 9,5 8,9	8,0 10,2 8,7	6,9 10,2		E.N.E E.S.E	3,040	Nuvolo vario Nuvolo Piovigginoso a tratti	
9	27.7,7 27.7,9 27.7,5	9,0 9,1 8,6	8,2 7,2 5,8	7,6 9,7		E E.N.E		Nuvolo Nuvolo e vento Nuvolo e vento da pioggia	Alla notte pioggia.
10	27.5,0 27.4,5 27.5,0	8,6 9,0 8,7	6,5 8,3 7,6	5,6 9,2		W.N.E W.SW	9,131	Nuvolo e nebbia Temporalesco e piovoso Vario con lampi	Dopo 5.h p. tuono ad W.
11	27.8,7 27.8,0 27.6,9	8,0 8,3 8,1	4,3 6,8 6,0	3,0 7,0		N.E E.N.E	3,560	Nuvolo poi piovoso Piovigginoso a tratti Pioggia e vento	e vento gelato burrascoso.
12	27.7,1 27.7,1 27.7,4	8,0 9,0 8,5	6,3 8,6 7,6	5,7 8,9		E.N.E N.N.E	10,757	Nuvolo Nuvolo varii Variabile	Notte serena.
13	27.6,9 27.6,2 27.5,4	8,1 8,9 8,2	3,6 8,0 6,8	3,2 8,1		N.E E		Vario nuvoloso Nuvolo e vento Pioggia e vento burrasco	Notte piovosa.
14	27.6,0 27.6,3 27.6,5	8,1 9,3 8,8	5,2 9,2 7,6	4,7 9,4		E.N.E S.S.E	10,064	Nuvolo e nebbia Vario nuvoloso Vario nuvoloso	Notte per la più serena.
15	27.5,6 27.4,3 27.3,8	8,2 9,1 8,4	5,8 8,9 7,0	4,0 9,0		E.S.E E		Vario nuvoloso Vario nuvoloso Nuvolo da pioggia	prima serena Notte con vento e pioggia
16	27.2,7 27.3,9 27.4,6	8,0 8,8 8,4	4,9 7,7 7,6	4,3 8,8		E.S.E E.S.E	6,574	Nuvolo e vento Vario nuvoloso e vento Vario nuvoloso.	Notte piovosa a tratti

Media del Barometro nel mese di Marzo 27.10,5
Media del Termometro interno + 9,1
Media del Termometro esterno + 8,0

Termometrografo. minimo + 1,8
medio minimi = 4.95 massimo + 14,6
" massimi = 10.46

Fig.ESM14 Example of a Log in Santini period, observer Jacopo Michez, 1-15 March 1863. The days with red pencil mark, i.e. 5, 7-11, 13, 15 and 16 had precipitation. However, the amounts were read and reported on 6, 8, 10-12, 14 and 16 (7 times over 9, at least 7 readings are delayed, 2 are mixed) (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Osservazioni Meteorologiche di Padova 1839-1864).



1877

Nel giorno 5 marzo essendo l'altezza dell'acqua nel pluviometro nuovo di 700 millimetri, si fece uscire l'acqua stessa notando l'abbassamento corrispondente a ogni 0,8 di litro d'acqua uscita – La media delle prime quattro misure diede l'abbassamento di 43,8

la media delle 2e quattro	44.8
" " 3e "	44.4
" " 4e "	44.8
media generale	44,45

Il giorno 28 si versò acqua dal di sopra, e si notò l'alzamento corrispondente alla immissione di ogni 0,8 di lit. Si ebbero i tre valori medi seguenti

per le prime 5 misure	43.40
2e 5 "	43.70
3e 6 ultime misure	44.60
media generale	43.90

differenza fra i due risultati – 0.55 mm

medio dei due risultati: 44,18

800 | 401 Siccome 0,8 litri divisi su 40,1 dm (che è l'area del vaso ricevitore) danno l'alzamento di millimetri $\frac{800}{401}$ con il coefficiente del pluviometro sarà:

$$\left(\frac{800}{401} : x = 44.18 : 1\right) = \frac{800}{401 \times 44,18} = \frac{1}{22,145} = 0,04515$$

log 800 = 2,90309
l. 1:401 = 7,39686
= 8,35477
8.65472

1.34528
22.145

Fig.ESM15 Minutes concerning the calibration of the raingauge on the roof built by the technician Giuseppe Cavignato. Calibration on 6 March 1877. The report of the expenses made by Cavignato to build the raingauge is dated 28 December 1876 (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Atti e dati relativi a strumenti, «Dati relativi ai pluviometri», b. XVI, fasc. 1).

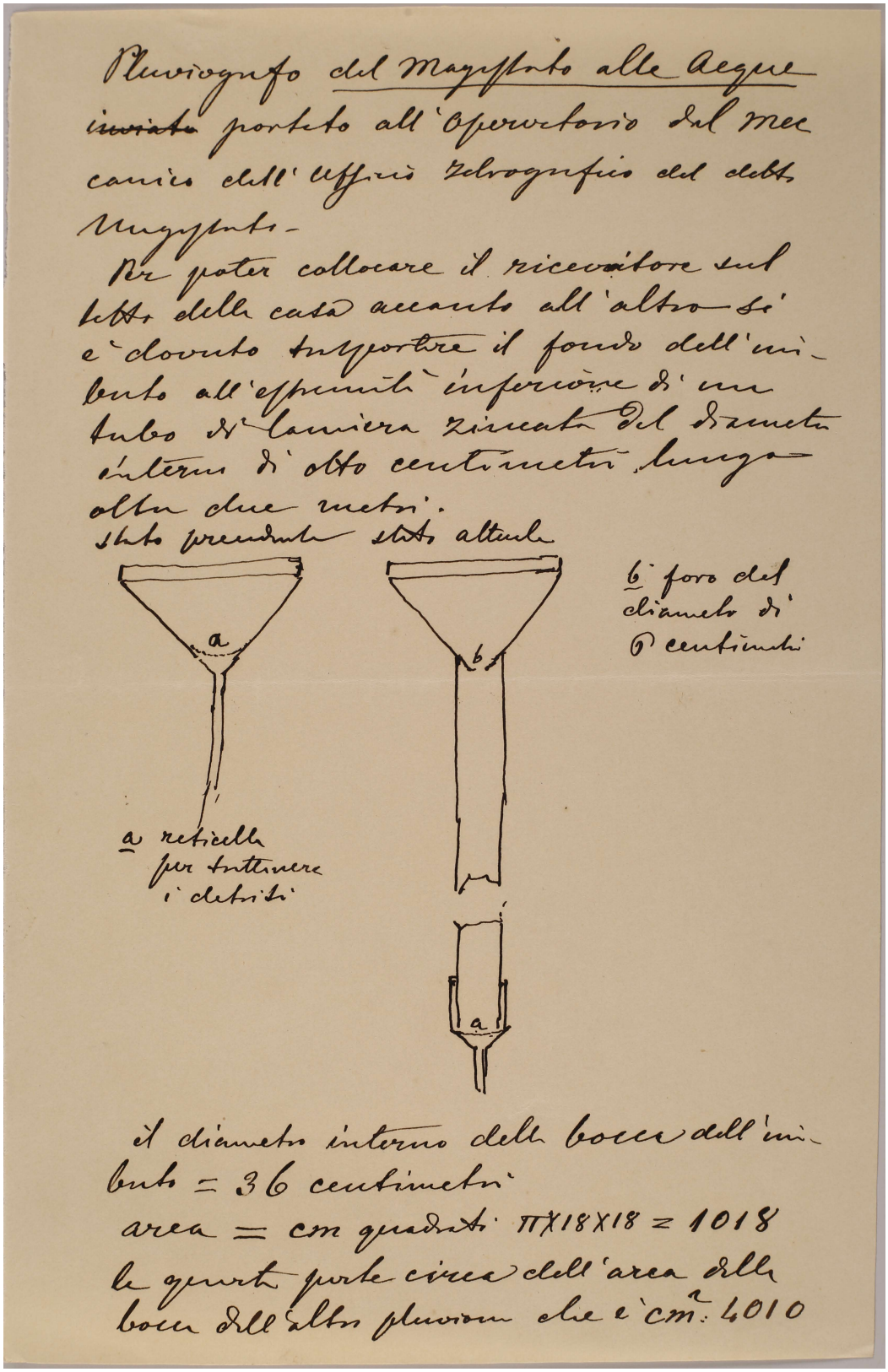

Pluviografo del Magistrato alle Acque
~~inviato~~ portato all'Osservatorio dal Mec
canico dell'Ufficio Idrografico del detto
Magistrato.
Per poter collocare il ricevitore sul
tetto della casa accanto all'altro si
è dovuto sostituire il fondo dell'im-
buto all'estremità inferiore di un
tubo di lamiera zincata del diametro
interno di otto centimetri lungo
oltre due metri.
stato precedente stato attuale
a
b
b foro del
diametro di
8 centimetri
a reticella
per trattenere
i detriti
a
il diametro interno della bocca dell'im-
buto = 36 centimetri
area = cm quadrati π×18×18 = 1018
la quarta parte circa dell'area della
bocca dell'altro pluviom che è cm². 4010

Fig.ESM16a Minutes with the details of the funnels for the self-recording siphon raingauge Palazzo model of the Water Magistrate, October 1910 (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Atti e dati relativi a strumenti, «Dati relativi ai pluviometri», b. XVI, fasc. 1).

UFFICIO IDROGRAFICO DEL R. MAGISTRATO ALLE ACQUE

N. 1614

Risposta alla nota N. .....

del .....

Venezia, 18 ottobre 1910

Domani si recherà costì il meccanico di questo Ufficio Monaldi Nicola il quale porterà seco un pluviografo da impiantarsi, come la S.V. crederà più opportuno, in codesto Osservatorio, e ciò in seguito ad autorizzazione data dalla S.V.Illma.

Tutte le spese per tale impianto sono a carico di quest'Ufficio e la somma sarà subito pagata verso la presentazione dei documenti giustificativi necessari.

Con la maggiore osservanza

IL DIRETTORE

G. Magrini

All'Illmo Sig. Direttore
del R.Osservatorio Meteorologico
PADOVA

19 ottobre 1910
Ricevuto oggi l'apparecchio registratore dalle mani del suddetto meccanico.

Fig.ESM16b Letter of Giovanni Magrini, Director of the Hydrographic Bureau of the Water Magistrate to Lorenzoni, Director of the Meteorological Observatory of the Padua University, with the note that the self-recording siphon raingauge was received on 19 October 2010 (© Historical Archive of the Astronomical Observatory, Padua, Archivio Antico, Atti e dati relativi a strumenti, «Dati relativi ai pluviometri», b. XVI, fasc. 1).

ESM 11. Supplement to Section 3: Homogeneity analysis of the precipitation series

The homogeneity of a climatic series is the prerequisite of every climate study, as non-climatic factors, i.e., changes in observation protocol, observer, instrument, relocation, and so forth, may generate bias that overshadow the real signal. There are two kinds of homogeneity tests: "absolute methods", applied to each series separately, and "relative methods", that require reference series for comparison. Often, in particular in case of historical series, only absolute methods can be applied, as no other contemporary series in neighbouring locations are available.

Besides statistical tests, graphical methods are also used to investigate the homogeneity of historical records. A popular tool for precipitation is the double-mass curve obtained by plotting the cumulative amounts of the series under study against the cumulative amounts of another one or a set of contemporary neighbouring series. A horizontal straight line indicates homogeneity.

The three-century series (1713-2018) of precipitation in Padua has been tested for homogeneity, using statistical and graphical methods. Four homogeneity tests were selected, namely: von Neumann (VN) (von Neumann 1941), Pettitt (1979), Standard Normal Homogeneity (SNH) (Alexandersson 1986) and Buishand (Buishand 1982) tests. As these methods are able to identify one single shift, they were applied to the annual values of the whole series as well as to portions of it. These have been created coupling portions of the series characterized by different observers and/or locations: these are the critical points where turning points may occur.

The results of the 4 mentioned tests were checked at a 5% significance level and the results are reported in Table ESM.3 (the non-homogeneities are written in red). Under the null hypothesis, the annual data are independent and randomly distributed except for von Neumann test. Under the alternative hypothesis, Pettitt, SNH and Buishand tests assume that there is a year (indicated in brakets) at which a change in the mean of data series has occurred. On the contrary, VN test does not give any information on turning points.

Table ESM3. Results of the Homogeneity Tests

Period	VN		Pettitt		SNH		Buishand	
	N	p-value	KN	p-value	To	p-value	Q	p-value
1725-1811	1.515	0.012	476	0.279	5.437	0.275	9.165	0.212
1768-1838	1.234	0.0001	726 (1810)	<0.0001	19.219 (1812)	<0.0001	17.965 (1810)	<0.0001
1812-1864	2.061	0.589	331 (1843)	0.023	9.837 (1843)	0.021	11.206 (1843)	0.007
1839-1919	2.078	0.638	299	0.846	4.192	0.489	6.371	0.598
1865-1978	1.981	0.456	417	0.419	1.91	0.942	6.129	0.833
1920-2018	1.887	0.286	403	0.877	5.945	0.237	9.064	0.288
1725-2018	1.767	0.0244	3164	0.286	7.163	0.187	20.533	0.089

According to the results, the whole series resulted homogeneous, except for the VN test. Concerning the different portions of the series, two turning points were identified by almost all the tests, i.e., 1810-1812 and 1843. The first turning point, i.e. 1810-1812, occurred when Chiminello had the apoplectic fits (in 1809 and 1811) and Bertirossi-Busata took responsibility for the observations; therefore, the turning point can be ascribed to the change of observer and measuring

protocol. The second turning point, i.e. 1843, was at the beginning of the Santini period when the dome of the Meridian Circle Room was used as rain collector (1838-1877).

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Steffensen P, Lynge Larsen F, Cappelen J (1993) Homogeneity test of climatological data, Danish Meteorological Institute. Technical Report, Copenhagen

ESM 12. Supplement to Section 2: The last period of the Specola and related documents

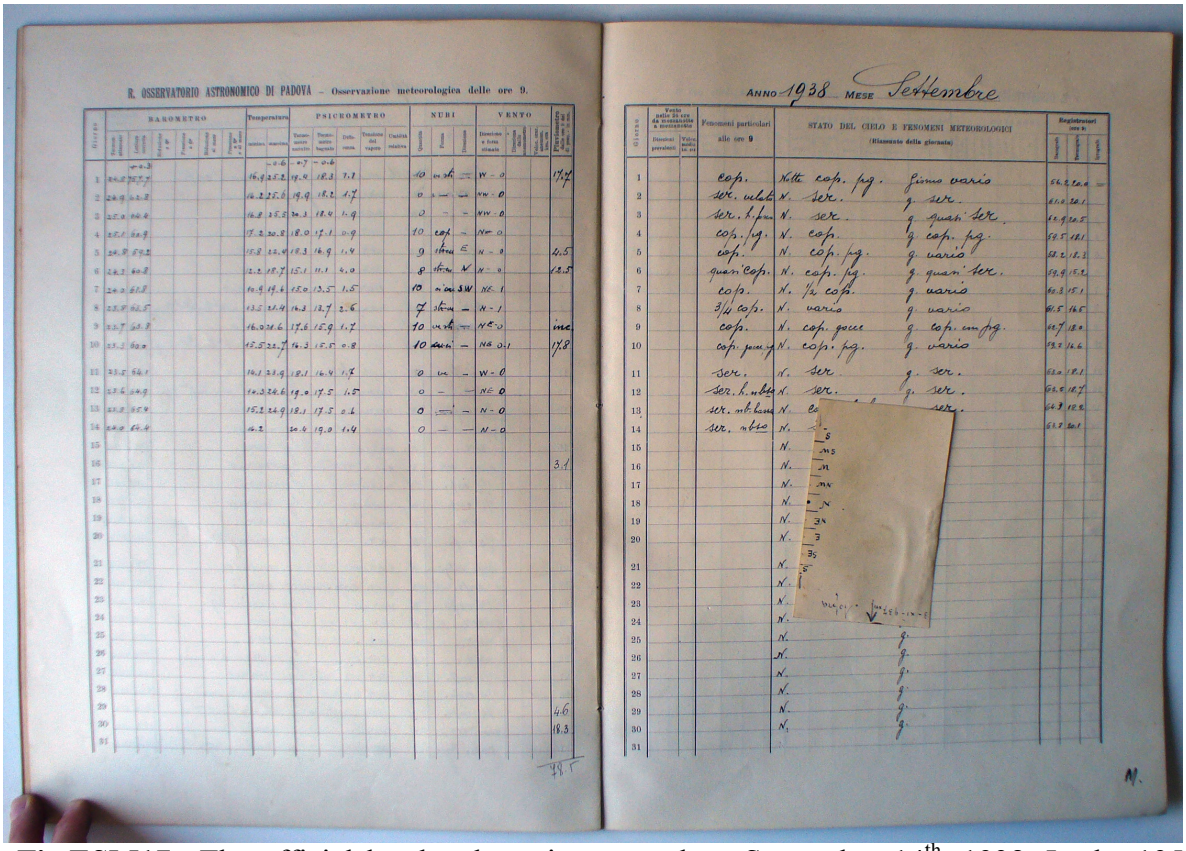


Fig.ESM17a The official log has been interrupted on September 14th, 1938. In the 1950s, the precipitation column with not validated data has been added with a different handwriting

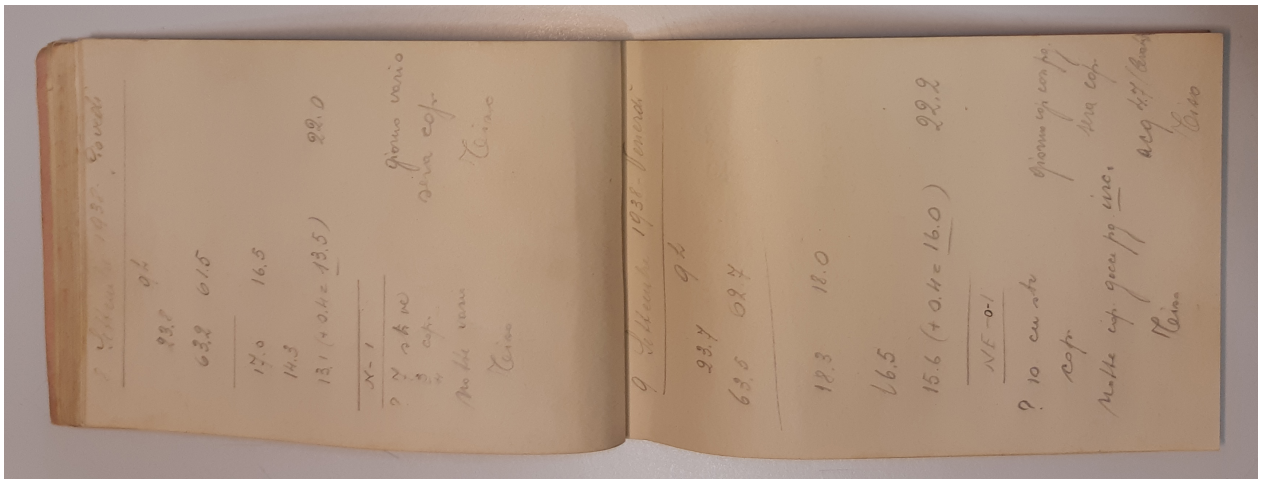


Fig.ESM17b An example of coarse weather annotations in pencil, written down on informal notepads. .

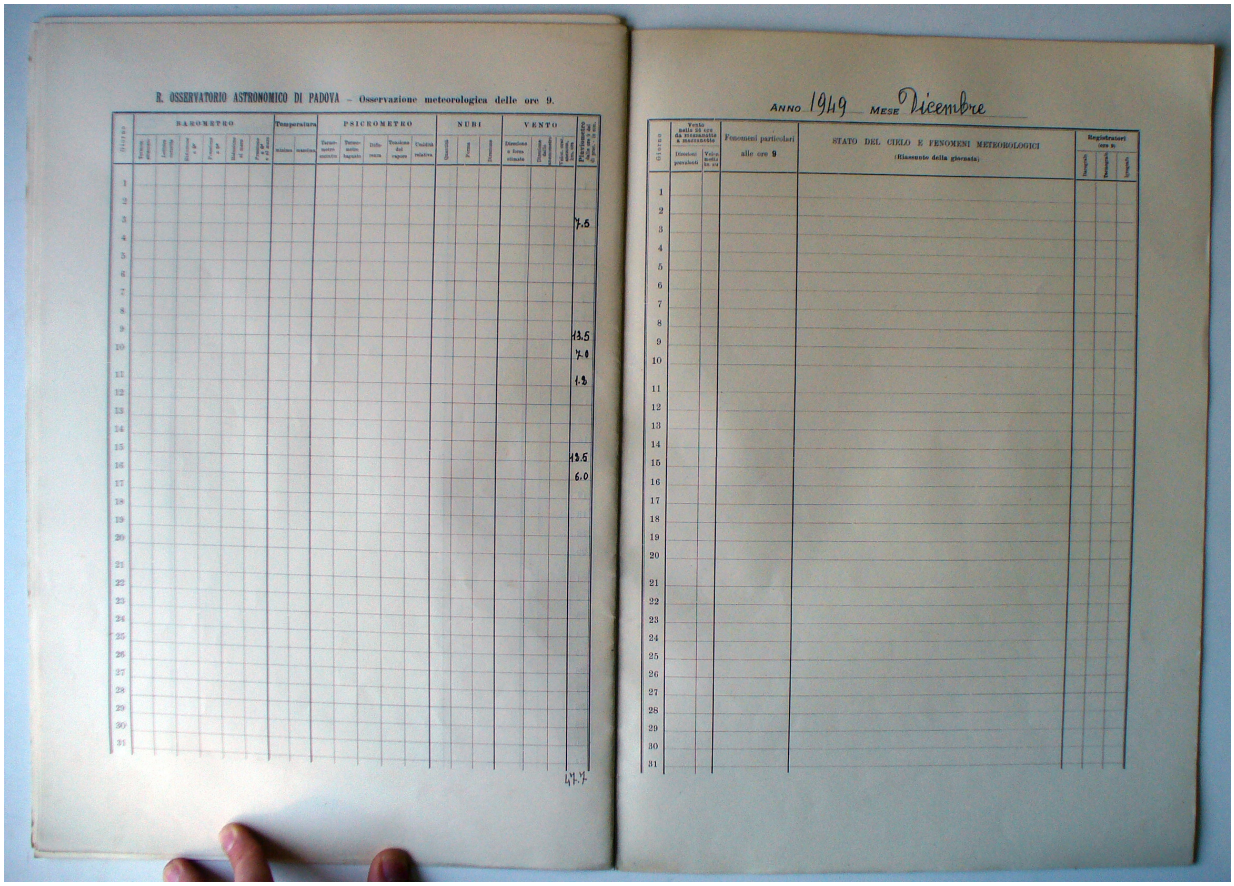
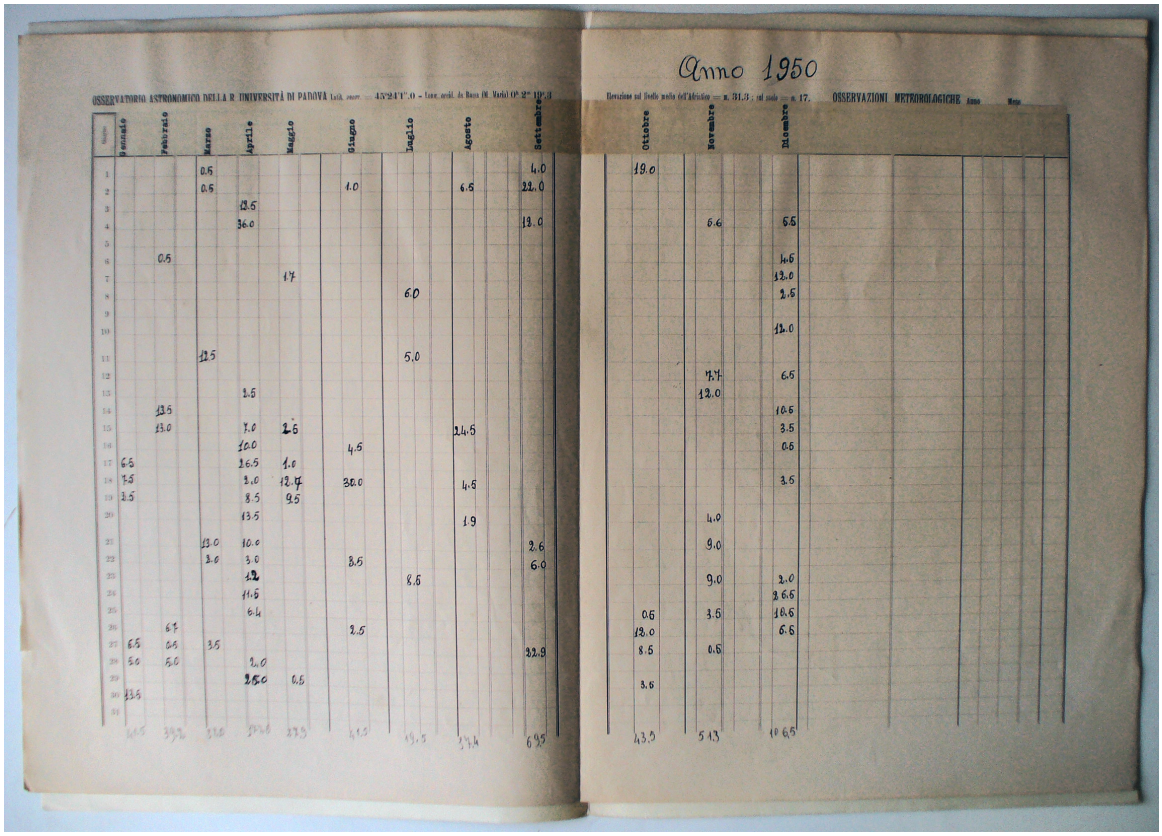
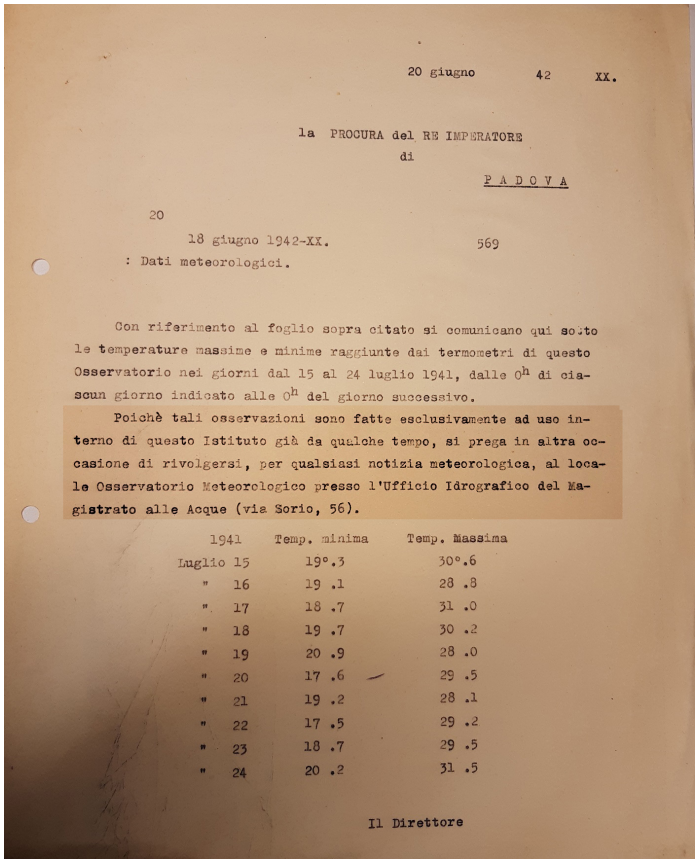


Fig.ESM17c A page of the informal log, dated December 1949, with just the precipitation column, with a different handwriting



Day	Jan 1950	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	0	0	0,5	0	0	0	0	0	4	19	0	0
2	0	0	0,5	0	0	1	0	6,5	22	0	0	0
3	0	0	0	12,5	0	0	0	0	0	0	0	0
4	0	0	0	36	0	0	0	0	12	0	6,6	5,5
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0,5	0	0	0	0	0	0	0	0	0	4,6
7	0	0	0	0	0	0	0	0	0	0	0	12
8	0	0	0	0	6	0	6	0	0	0	0	2,5
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	12
11	0	0	12,5	0	5	0	5	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	7,7	6,5
13	0	0	0	2,5	0	0	0	0	0	0	12	0
14	0	13,5	0	0	0	0	0	0	0	0	0	10,5
15	0	13	0	7	0	0	0	24,5	0	0	0	3,5
16	0	0	0	10	0	4,5	0	0	0	0	0	0,5
17	6,6	0	0	26,5	0	0	0	0	0	0	0	0
18	7,5	0	0	2	0	30	0	4,5	0	0	0	3,5
19	2,5	0	0	8,5	0	0	0	0	0	0	0	0
20	0	0	0	13,5	0	0	0	1,9	0	0	4	0
21	0	0	13	10	0	0	0	0	2,6	0	9	0
22	0	0	2	3	0	3,5	0	0	6	0	9	0
23	0	0	0	1,2	8,5	0	8,5	0	0	0	0	2
24	0	0	0	11,5	0	0	0	0	0	0	3,5	26,5
25	0	0	0	6,4	0	0	0	0	0	0,5	0	10,5
26	0	6,7	0	0	0	2,5	0	0	0	12	0,5	6,5
27	6,5	0,5	3,5	0	0	0	0	0	22,9	8,5	0	0
28	5	5	0	2	0	0	0	0	0	0	0	0
29	0		0	25	0	0	0	0	0	3,5	0	0
30	13,5		0	0	0	0	0	0	0	0	0	0
31	0				0		0	0		0		0

Fig.ESM17d Top: The last written page of the informal log at the Specola, dated 1950, with the precipitation columns by months. Bottom: the Table of the precipitation in the calendar year 1950 used by Marani and Zanetti (2015), i.e. the dataset sent by Marani to the authors. The values are identical to the Specola informal log.



20 giugno 42 XX.

la PROCURA del RE IMPERATORE
di
PADOVA

20

18 giugno 1942-XX. 569

: Dati meteorologici.

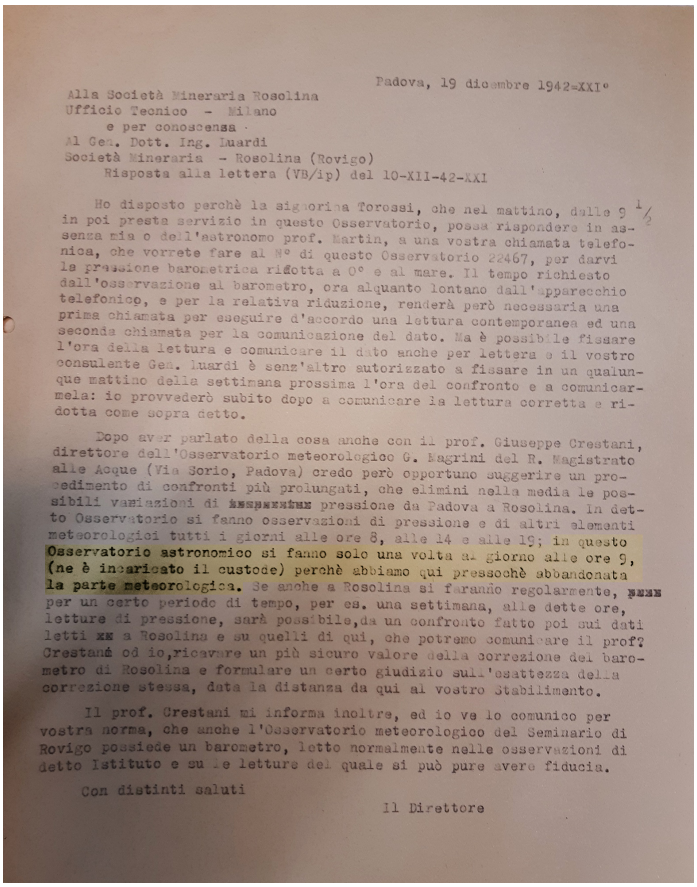
Con riferimento al foglio sopra citato si comunicano qui sotto le temperature massime e minime raggiunte dai termometri di questo Osservatorio nei giorni dal 15 al 24 luglio 1941, dalle 0^h di ciascun giorno indicato alle 0^h del giorno successivo.

Poichè tali osservazioni sono fatte esclusivamente ad uso interno di questo Istituto già da qualche tempo, si prega in altra occasione di rivolgersi, per qualsiasi notizia meteorologica, al locale Osservatorio Meteorologico presso l'Ufficio Idrografico del Magistrato alle Acque (via Sorio, 56).

1941	Temp. minima	Temp. Massima
Luglio 15	19°.3	30°.6
" 16	19 .1	28 .8
" 17	18 .7	31 .0
" 18	19 .7	30 .2
" 19	20 .9	28 .0
" 20	17 .6	29 .5
" 21	19 .2	28 .1
" 22	17 .5	29 .2
" 23	18 .7	29 .5
" 24	20 .2	31 .5

Il Direttore

Fig.ESM17e Letter dated 20 June 1942, confirming that meteorological observations were dismissed at the Specola.
Second paragraph: "In this Institute, *since some time, the meteorological observations are taken for internal use only*. For the next time, *for any meteorological issue, you are kindly requested to contact the local Meteorological Observatory* (i.e. the Magrini) of the Hydrographic Office of the Water Magistrate (56, Sorio street)" Signed: the Director



Padova, 19 dicembre 1942-XXI°

Alla Società Mineraria Rosolina
Ufficio Tecnico - Milano
e per conoscenza
Al Gen. Dott. Ing. Luardi
Società Mineraria - Rosolina (Rovigo)
Risposta alla lettera (VB/ip) del 10-XII-42-XXI

Ho disposto perchè la signorina Torossi, che nel mattino, dalle 9 ½ in poi presta servizio in questo Osservatorio, possa rispondere in assenza mia o dell'astronomo prof. Martin, a una vostra chiamata telefonica, che vorrete fare al N° di questo Osservatorio 22467, per darvi la pressione barometrica ridotta a 0° e al mare. Il tempo richiesto dall'osservazione al barometro, ora alquanto lontano dall'apparecchio telefonico, e per la relativa riduzione, renderà però necessaria una prima chiamata per eseguire d'accordo una lettura contemporanea ed una seconda chiamata per la comunicazione del dato. Ma è possibile fissare l'ora della lettura e comunicare il dato anche per lettera e il vostro consulente Gen. Luardi è senz'altro autorizzato a fissare in un qualunque mattino della settimana prossima l'ora del confronto e a comunicarmela: io provvederò subito dopo a comunicare la lettura corretta e ridotta come sopra detto.

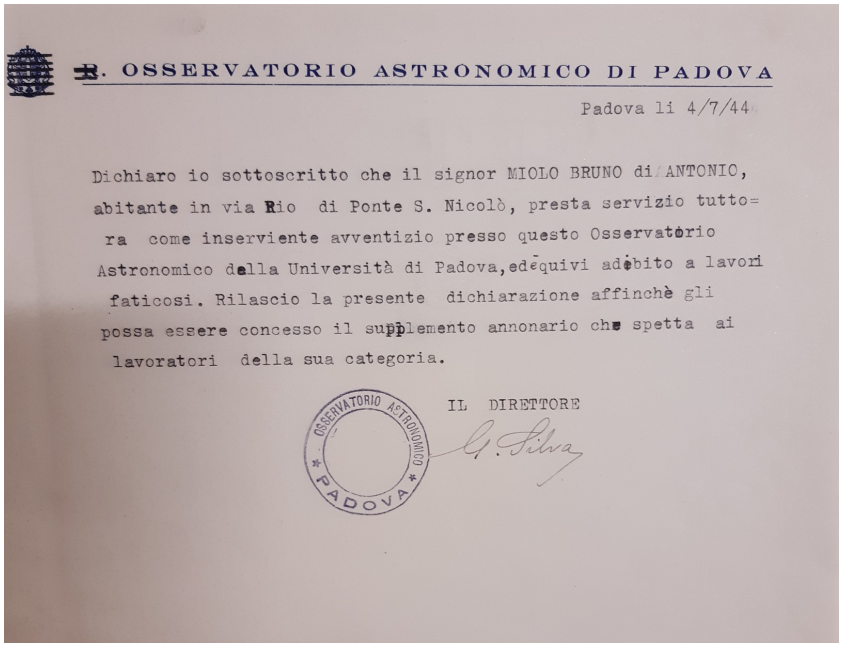
Dopo aver parlato della cosa anche con il prof. Giuseppe Crestani, direttore dell'Osservatorio meteorologico G. Magrini del R. Magistrato alle Acque (Via Sorio, Padova) credo però opportuno suggerire un procedimento di confronti più prolungati, che elimini nella media le possibili variazioni di pressione da Padova a Rosolina. In detto Osservatorio si fanno osservazioni di pressione e di altri elementi meteorologici tutti i giorni alle ore 8, alle 14 e alle 19; in questo Osservatorio astronomico si fanno solo una volta al giorno alle ore 9, (ne è incaricato il custode) perchè abbiamo qui pressochè abbandonata la parte meteorologica. Se anche a Rosolina si faranno regolarmente, per un certo periodo di tempo, per es. una settimana, alle dette ore, letture di pressione, sarà possibile, da un confronto fatto poi sui dati letti a Rosolina e su quelli di qui, che potremo comunicare il prof. Crestani ed io, ricavare un più sicuro valore della correzione del barometro di Rosolina e formulare un certo giudizio sull'esattezza della correzione stessa, data la distanza da qui al vostro stabilimento.

Il prof. Crestani mi informa inoltre, ed io ve lo comunico per vostra norma, che anche l'Osservatorio meteorologico del Seminario di Rovigo possiede un barometro, letto normalmente nelle osservazioni di detto Istituto e su le letture del quale si può pure avere fiducia.

Con distinti saluti

Il Direttore

Fig.ESM17f Letter dated 19 December 1942, confirming that meteorological observations were stopped long ago, and the limited skill of the observer.
Highlighted paragraph: "In this Astronomical Observatory, weather readings are made only once a day, at 9 a.m. (the *charged person is the building custodian)* because *we have almost already stopped the meteorological observations*". Signed: the Director.



R. OSSERVATORIO ASTRONOMICO DI PADOVA

Padova li 4/7/44

Dichiaro io sottoscritto che il signor MIOLO BRUNO di ANTONIO, abitante in via Rio di Ponte S. Nicolò, presta servizio tuttora come inserviente avventizio presso questo Osservatorio Astronomico della Università di Padova, ed equivi adibito a lavori faticosi. Rilascio la presente dichiarazione affinchè gli possa essere concesso il supplemento annonario che spetta ai lavoratori della sua categoria.

IL DIRETTORE

G. Silva

OSSERVATORIO ASTRONOMICO PADOVA

Fig.ESM17g Letter dated 11 April 1944, defining the limited skill of Mr Bruno Miolo who noted weather readings on notepads.

"Myself I declare that Mr Bruno Miolo... is serving this Astronomical Observatory of the University of Padua, *assigned to fatiguing jobs*"
Signed: the Director G. Silva.

ESM 13. Raingauge in the last period of the Magrini Observatory

Fig.ESM18 In the last period of the Magrini Observatory, when it was left unmanned except for periodic change of the strip-chart recorder, only the tipping bucket raingauge in the garden was operated, and the others were removed. The Stevenson screen for the temperature and humidity readings is visible in bad conditions, and broken roof.

ESM 14. Supplement to Section 3: How observing time may affect readings

A long series is generally composed of a number of records taken over time by different observers and/or institutions. Every observation protocol establishes a certain time to read the amount of water collected into the raingauge or expresses the daily amount starting from a selected time, e.g. 0 a.m., 9 a.m, and so forth. Some kinds of precipitation may occur at any time, e.g. the passage of a front, others may be caused by specific phenomena related to the daily solar cycle, e.g. sea or mountain breeze, showers generated by thermo-convective activity. The former is randomly distributed over the day, the latter follows a daily and a seasonal cycle, and the choice of the start of the collecting time might be suspected to be influential on the determination of the precipitation frequency and amount at daily, monthly or yearly level, with departures inversely related to the selected time duration used in the statistical representation.

A test has been performed with the hourly precipitation data collected by the of "Padua Legnaro" station (ARPAV), located 10 km south of the Padua city centre, from 2009 to 2018. In the figures reported below, the precipitation frequency is plotted versus the hour of the day at yearly and monthly levels, with the monthly analysis divided in seasons.

In the yearly precipitation, **Fig.ESM19**, a distinction has been made between classes of precipitation amounts, in order to point out the influence of a threshold, i.e. precipitation larger than 1 mm, 5 mm and 10 mm. The distribution is uneven and especially the precipitation > 1 mm shows a daily swing with a minimum precipitation frequency in the morning, and a maximum in the late evening and early night.

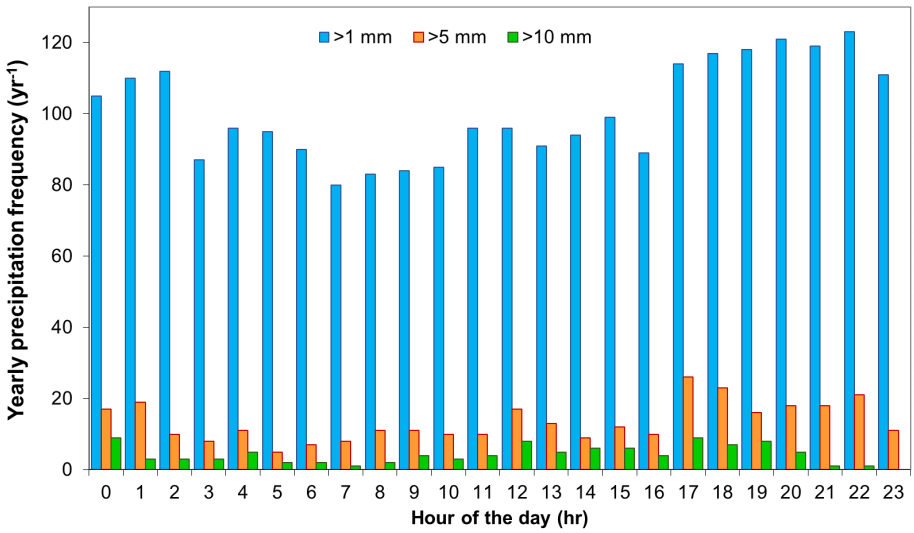


Fig.ESM19 Yearly frequency of different classes of precipitation amounts (i.e. >1 mm, >5 mm and >10 mm) found over the daytime

The monthly distributions **Fig.ESM20a,b,c,d** show that each month has its specific character. In particular, the summer months are characterized by a marked minimum in the morning and a maximum in the afternoon and the evening, related to the ground heating, the development of thermo-convective activity and the formation of cumulus clouds. As opposed, in winter the daily cycle is less evident.

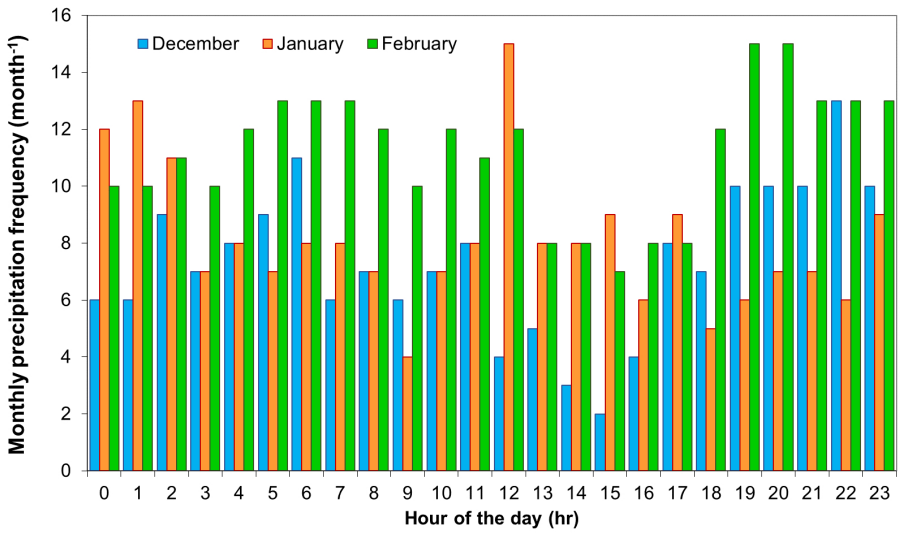


Fig.ESM20a Monthly distribution of the precipitation frequency over the daytime in winter

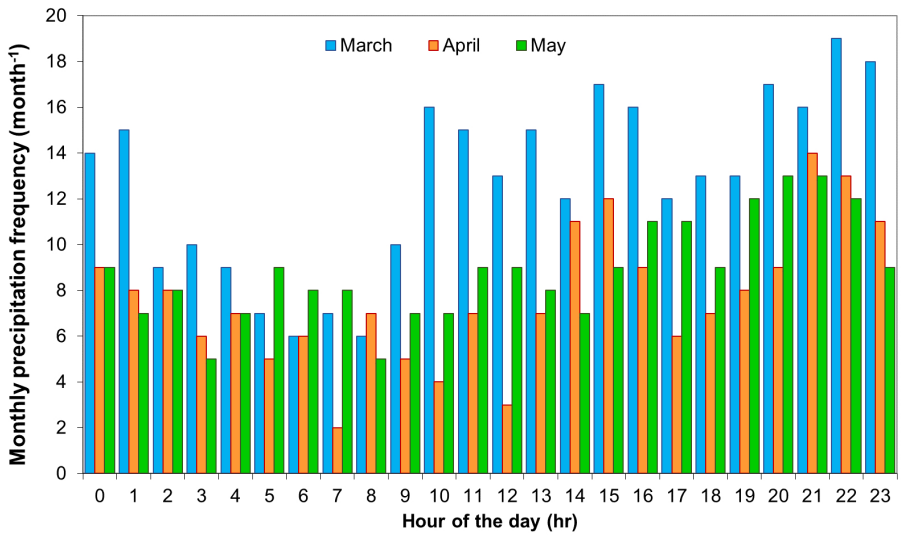


Fig.ESM20b Monthly distribution of the precipitation frequency over the daytime in spring

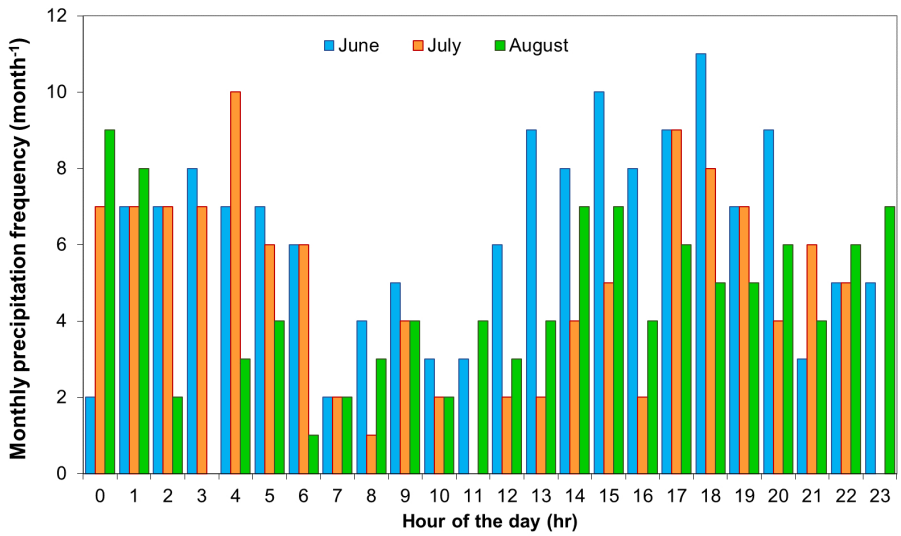


Fig.ESM20c Monthly distribution of the precipitation frequency over the daytime in summer

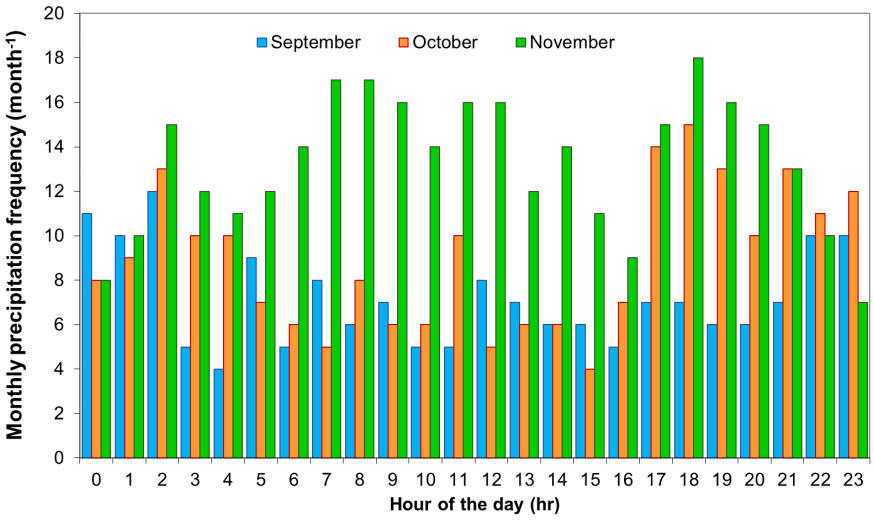


Fig.ESM20d Monthly distribution of the precipitation frequency over the daytime in autumn

The above statistical representations have shown that some months are characterized by a random distribution over the day, others by daily cycles, and the question is how influential this fact may be if the observer changes the scheduled time for reading the precipitation collected by the raingauge.

Tests made on the record give small, randomly distributed fluctuations. This can be easily explained. Suppose that the precipitation in a certain region can be represented as a sum of a random and a cyclic distribution. By the definition of a random component, the average of the values met over the next 24 hours is independent of the starting time. By the definition of a cyclic component, with 24 hr period, the average of the values met over the next 24 hours is independent of the starting time. In conclusion, if the scheduled reading time is shifted, every day will lose something of the previous day, but it will also gain something from the next one. For a cyclic component the difference is null, for a randomly distributed component the difference is a small, fluctuating value. In the case of monthly precipitation, part of the information of the first, or the last day of the month may be shifted from/to the previous/next month. In the case of yearly values, only the first/last day of the year may undergo a partial exchange with the previous/next year.

In conclusion, the change of the scheduled time for reading the raingauge does not introduce systematic or relevant errors in the series.

On the other hand, it may happen that a peak occurs around the sampling time and is partitioned between two consecutive days. This exceptional combination may transform an exceptional precipitation into two normal rain days. However, this event is absolutely unpredictable, and irrespective of any choice of scheduled time. Contemporary daily records, taken at different observing times, may have different peak values, but almost the same monthly amount.

ESM 15. Supplement to Section 3: Differences between contemporary stations and between Fig.7d of this work and Fig.1 in Marani and Zanetti (2015)

This investigation has been requested by Reviewer#1, Marco Marani, who sent us his dataset updated to 2018. He asked a comparison with our data to investigate if there are differences between the two datasets, especially for the 20th century when more than one station was active and operated simultaneously. The comparison between different stations should put into evidence their relationship, while the comparison between two datasets from the same source should point out any misprint. The use of different stations should explain the main differences between Fig1 of Marani and Zanetti (2015) (hereafter referred to as M&Z) and Fig.7d of this work.

From 1725 to March 1764 the source of data used by M&Z and this work is the same (Poleni), and the related parts of Fig1 M&Z and Fig.7d of this work are identical.

From April 1764 to December 1768 measurements are missing. Therefore, in this work a gap has been left, while in M&Z the gap is filled. However, the source has not been declared.

From 1769 to 1919 the source of M&Z and this work is the same, i.e. the Specola. However, especially from 1812 to 1861, readings are not always regular as explained in the text. Moreover, some days have additional readings, taken at different or shifted times, or reporting the precipitation during the night. In some cases, the choice between two consecutive days (i.e. to make shorter the first day and longer the second one or vice-versa) is not easy and this may increase/decrease the amount of a specific day, but it leaves unchanged the sum of the two days. This is irrelevant when dealing with monthly totals, but might be relevant when daily amounts are separately considered, or when extreme events are analysed.

After 1920, M&Z declared of having relied on: Specola till 1934; Magrini Observatory of the Water Magistrate 1935-1996; ARPAV Botanical Garden 1997-2006. The first two stations were not in their best period. As explained before, the Director of the Specola, Giovanni Silva officially stopped the logs in September 1938 (Fig.ESM17a) as well as any other meteorological activity, except for internal use (Fig.ESM17e,f,g). The Magrini Observatory carried out an excellent activity of service and research under the direction of Augusto Levi in 1920 and Giuseppe Crestani from 1921 to 1958. However, in 1973 a special law reformed the public services concerning the safeguarding of Venice and its hinterland, and the Water Magistrate lost its leading role. The staff was reduced or passed to other public administrations; the Magrini Observatory was downgraded to a station with unattended recording instruments (Fig.ESM18) and periodic collection of the strip records. The Water Magistrate was ultimately suppressed in 2014 and its competences were transferred to ARPAV. We had direct contacts with the staff that operated with Crestani and we could inspect the site and the instruments since the 1970s, witnessing the deteriorating situation. After Crestani, the data quality worsened and some gaps were originated. M&Z used records taken in the worsening period and filled the missing data with the Legnaro station that is 10 km far from the Specola. The last station, i.e. ARPAV Botanical Garden, was born as University of Padua, had some difficulties at the beginning, then passed to ARPAV and became of excellent quality.

On the ground of the historical research, this paper used the following records. 1920-1950: Magrini Observatory, that was in its best period; 1951-1990: Meteorological Service of the Italian Air Force; 1991-2018: ARPAV Botanical Garden.

The first test (Fig.ESM21a,b) is aimed to highlight the differences between the precipitation frequency and amount recorded at the Specola (used by M&Z) and the Magrini Observatory (used in this work) over the period 1920-1934. Marani asked to a comparison between the daily data but this analysis was not much representative because the Specola made readings at 9 a.m. and Magrini at 0 a.m (Fig.ESM17f) and the two readings will likely differ in both frequency and amount. To reduce this drawback, the monthly totals were considered. The comparison has been made plotting the monthly totals of one station versus the monthly totals of the other.

In 1920-1934, the frequency (Fig.ESM21a) shows a large scatter, i.e. $R^2 = 0.64$. Dots falling on the bisector (blue line) indicate that both stations gave identical readings. However, the dataset is shifted upwards and the slope of the best-fit line (1.09) indicates that the frequency measured at Specola is less than Magrini Observatory. The two stations are at short distance (i.e. 750 m) and should have very similar readings, at least in average. However, a number of reasons may justify this result, i.e. the observation days started at different times, i.e. 9 hr difference; the raingauges were exposed at different levels above ground; the Specola had a higher instrumental threshold or the frequency was underestimated for less regular observations.

The precipitation amount (Fig.ESM21b) is less scattered, i.e. $R^2 = 0.87$. The slope of the best-fit line 1.18 indicates that the Specola dataset has lower values than the Magrini Observatory. As the two averages are 59.9 and 72.6 mm/month respectively, the Specola collected 79% of the water at the Magrini Observatory. It might be useful to remind that, if $R^2 \neq 0$, the slope of the best-fit

straight line does not coincide with the tangent created with the two average values, i.e. their ratio 72.6/59.9 = 1.21, because the best-fit slope is built with the least square method (i.e. minimizing the squared distance of each point from the best-fit line) that implies use of non-linear operators, while the average is based exclusively on linear operators.

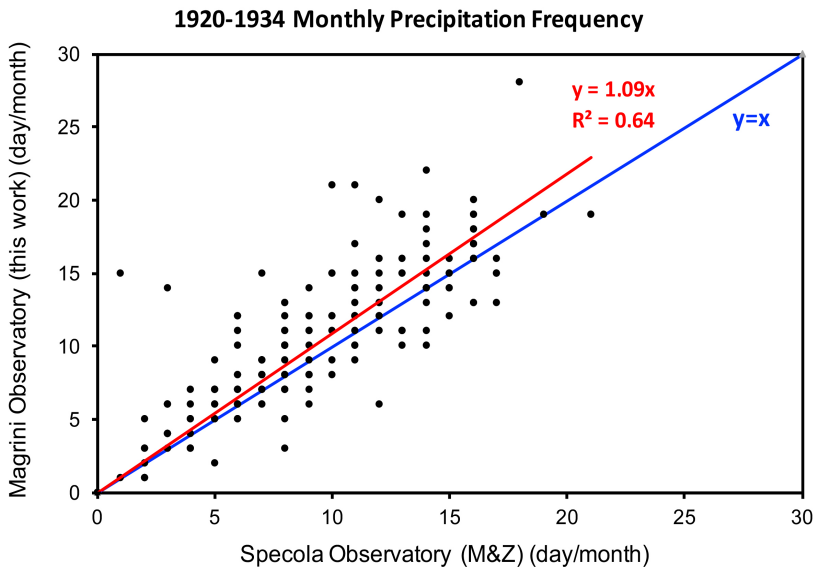


Fig.ESM21a Monthly precipitation frequency measured at the Specola versus the Magrini Observatory of the Water Magistrate from 1920 to 1934. Blue line: bisector; red line: best-fit.

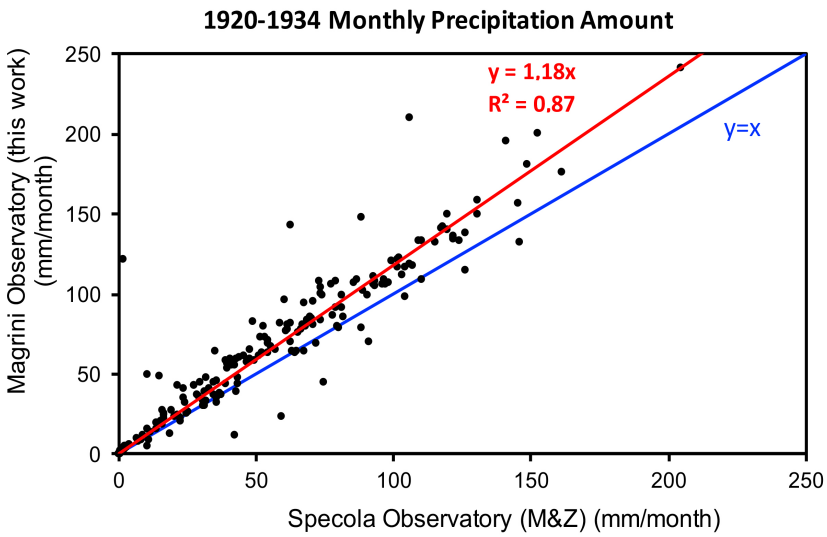


Fig.ESM21b As in (a), but for monthly precipitation amount.

The second test concerns the next period, i.e. 1935-1949, in which both M&Z and this work used the same source, i.e. the Magrini Observatory (Fig.ESM22a,b). Reporting the dataset used in this work versus the one of M&Z, one should expect to obtain only data falling on the bisector (maybe except some misprints that will be highlighted) and R^2=1. Surprisingly, the situation is different.

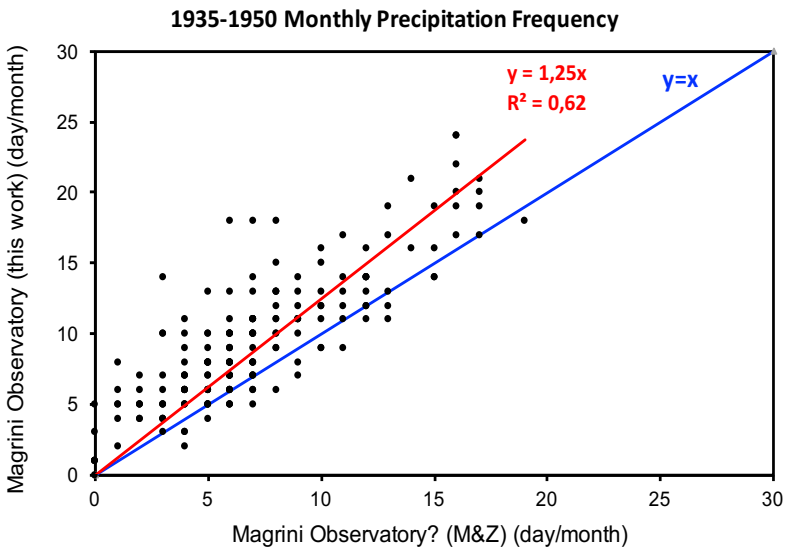


Fig.ESM22a Monthly precipitation frequency from the 1935-1950 dataset used by M&Z (declared to be the Magrini Observatory) and the true dataset of the Magrini Observatory used in this work. The plot shows that M&Z used a different source. Blue line: bisector; red line: best-fit

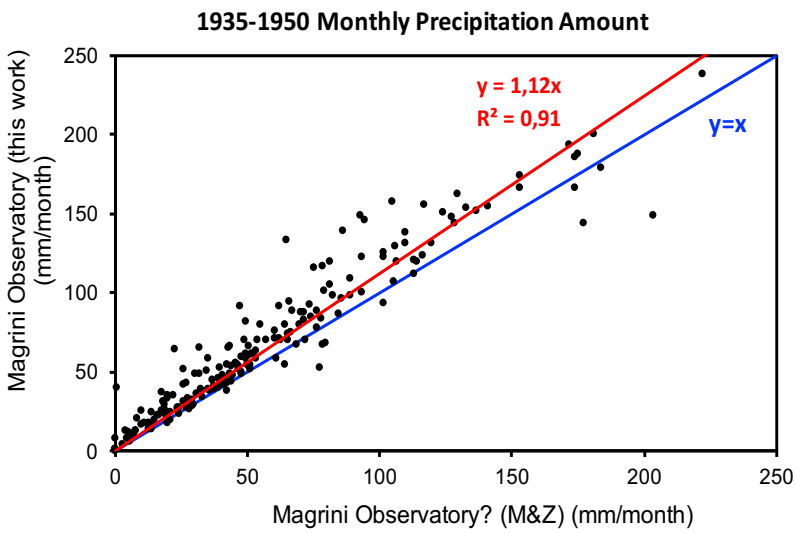


Fig.ESM22b As in (a), but for monthly precipitation amount.

Both frequency and amount show that the datasets are different between them. In particular, the frequency data shows a large scatter (i.e. $R^2 = 0.62$) and the best-fit with slope 1.25 shows that the dataset used by M&Z under-evaluates the frequency respect to the source used in this work. This difference is very high and might suggest some observational bias (e.g. higher instrumental threshold, two consecutive rainy days considered as only one) or that another station was used. The amount shows less scatter, i.e. $R^2 = 0.91$, with best-fit slope 1.12.

The above plots suggest that the two datasets arise from two different sources, although correlated between them. The cross-control shown that our dataset does correspond exactly to the source, i.e. the Magrini Observatory, but not the M&Z dataset, although the Authors declared that for this period they relied on the Magrini Observatory.

A comparison with the documents in the Historical Archive of the Astronomical Observatory has recognized that the data of M&Z are identical to those reported in the last non-validated period of the Specola, ended in 1950. As explained in the text, the Specola ceased all interest for meteorology in 1938 and the Director Silva declared that readings were solely for internal use, i.e. not the best choice to reconstruct a centuries-long series.

The reason why M&Z misrepresented the source may find an explanation in the acknowledgements, i.e. Marani did not personally oversee the data recovery, but was thesis advisor

of Andrea Dal Maso (2006) and Luca Rapacciuolo (2007) who recovered the data for their dissertation about the Padua precipitation series, statistical analysis and extreme events, held at the Padua University.

For 1997-2018, both M&Z and this work relied on the same station, i.e. ARPAV Botanical Garden. In the plot, this is evident because the best-fit is close to the bisector, with a few scattered data (Fig.ESM23ab). Scattered data might be explained with misprints, non-validated data, or gaps filled with different stations. The non-validated data are uploaded in real time by ARPAV to provide a public service, especially in the case of weather or pollution alert. Later, the informal data are substituted with the validated data. In our case, we should exclude misprint in copying or using non-validated data because ARPAV kindly supplied us the file with the validated record.

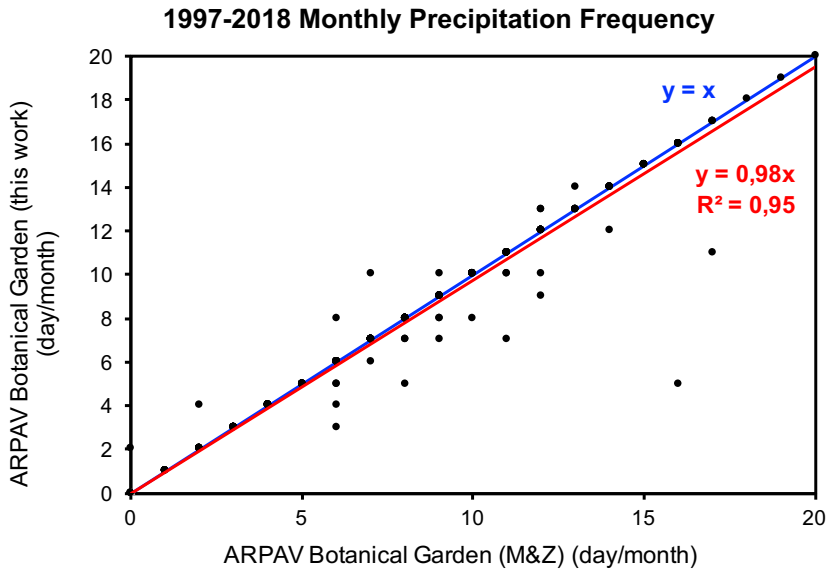


Fig.ESM23a Monthly precipitation frequency from the 1997-2018 dataset of ARPAV Botanical Garden. Blue line: bisector; red line: best-fit.

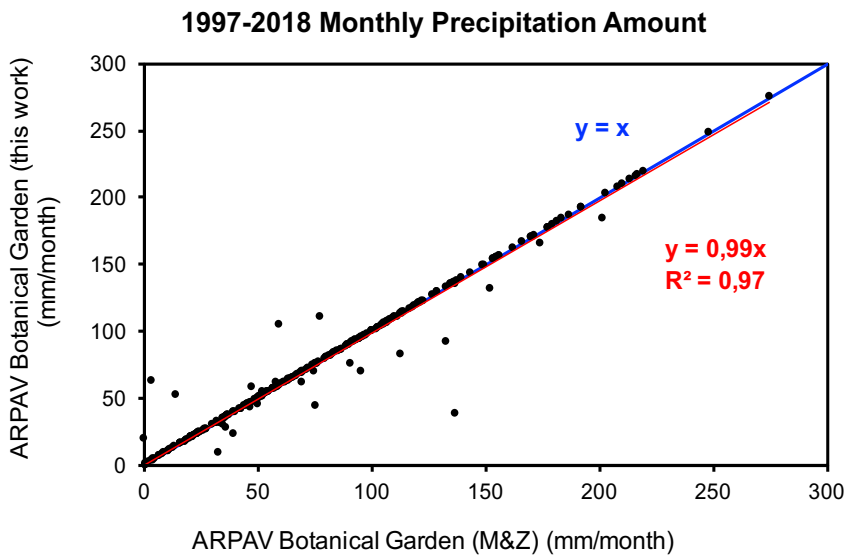


Fig.ESM23b As in (a), but for monthly precipitation amount.

References

Dal Maso A (2006) La serie secolare di precipitazione a Padova: caratteri statistici principali e loro variazioni, Tesi di Laurea, Università degli Studi di Padova, Facoltà di Ingegneria. Advisor: M. Marani.

Rapacciuolo L (2007) Analisi degli eventi estremi di precipitazione della serie secolare di Padova, Tesi di Laurea, Università degli Studi di Padova, Facoltà di Ingegneria. Advisor: M. Marani.

ESM 16. Comparison between the Specola and the Magrini Observatory

The Specola and Magrini Observatory are at short distance between them (i.e. 750 m) and operated simultaneously for 31 years. One might expect to find the same average readings, except for:

- the difference of the height of the funnels above ground (i.e. the Specola raingauge was exposed on the roof, at 20.7 m above ground, and the Magrini at 1.2 m);
- the difference of the hour selected for the raingauge reading (i.e. 9 a.m. for the Specola and 0 a.m. for Magrini). However, this is minimized over the long-term integration period;
- some possible unknown biases (e.g. the Specola might have had a higher instrumental threshold or the frequency was underestimated for less regular observations).

Over a 31-year period, the bias for the different reading times vanishes as well as other random errors. If potential biases may be considered negligible, this gives the opportunity to evaluate the relationship between two raingauges collecting rain at two different levels, i.e. 1.2 and 20.7 m (Fig.ESM24a,b)

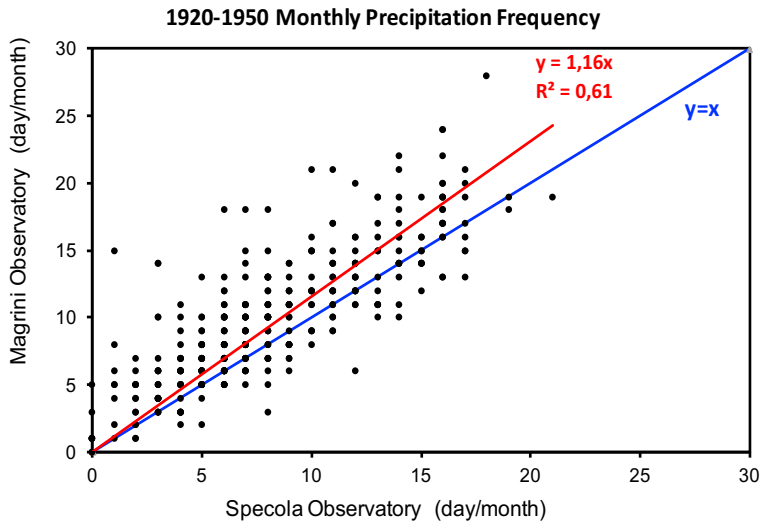


Fig.ESM24a Monthly precipitation frequency measured at the Specola and Magrini Observatory from 1920 to 1950. Blue line: bisector; red line: best-fit.

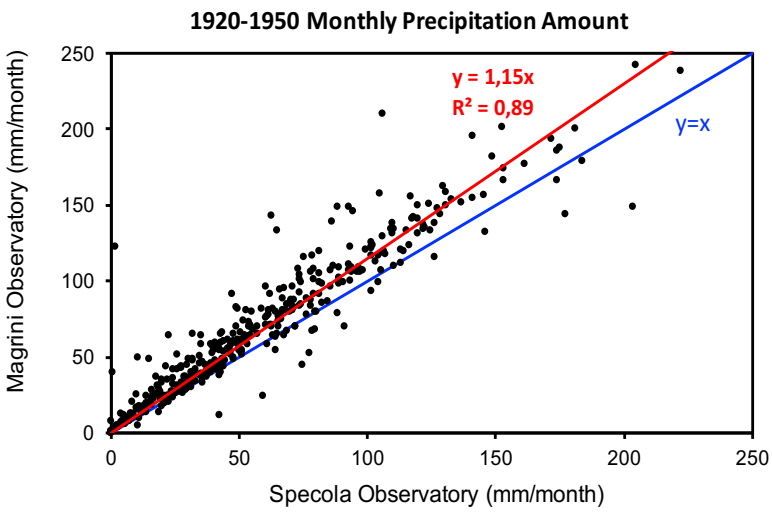


Fig.ESM24b As in (a), but for monthly precipitation amount.

The slope of the best-fit of the frequency is 1.16; the average frequency at Specola 8.1 day/month and at Magrini 9.9 day/month, i.e. the frequency recorded at the Specola is 81% of Magrini, i.e. 19% less. The slope of the best-fit of the amount is 1.15; the average amount at Specola 59.5 mm/month and at Magrini 71.1 mm/month, i.e. the amount recorded at the Specola is 84% of Magrini, i.e. 16% less.

The two slopes of the monthly frequency and monthly amounts at the Specola and Magrini Observatory, as well as the related percentages of the Specola to the Magrini Observatory ratio are similar between them, and both confirm that the Specola underestimated readings.

The found underestimation percentages that have been found are bigger, but consistent with the results of some case studies where funnels located 20 m above the ground had a reduction of the order of 10% in comparison with a reference raingauge at ground level (Camuffo 2019).

References

Camuffo D (2019) Microclimate for Cultural Heritage – Measurement, Risk Assessment, Conservation, Restoration and Maintenance of Indoor and Outdoor Monuments. Third edition, Elsevier, New York

ESM 17 Consulting data of the Magrini Observatory of the Water Magistrate

It may be useful to explain that the archive data of the Water Magistrate, including the Magrini Observatory, can be consulted on the website of ISPRA (*Istituto Superiore per la Protezione e la Ricerca Ambientale,* i.e. Superior Institute for Environmental Protection and Research):
http://www.acq.isprambiente.it/annalipdf/

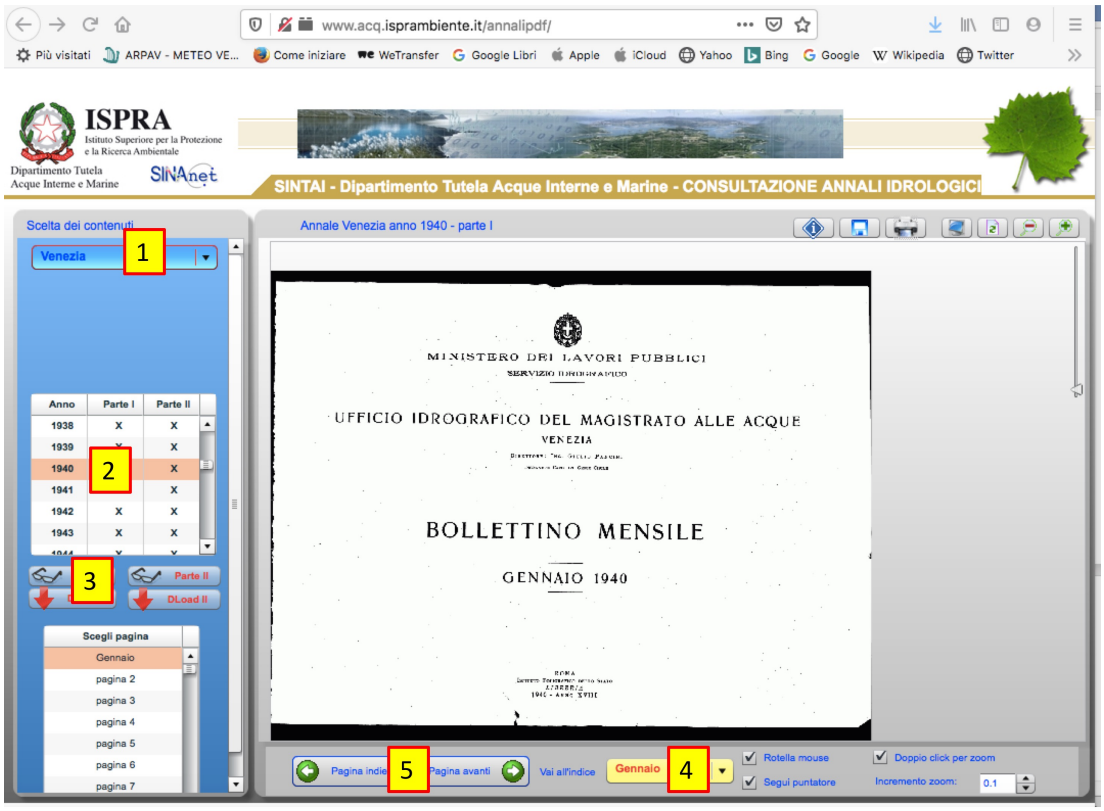


Fig.ESM25. Screenshot of the ISPRA Webpage to get the record with numbers on the yellow squares indicating the procedure.
(1) Select and click "*compartimento*": Venezia (yellow square 1)
(2) select the year "*Anno*" (yellow square 2)
(3) select *Parte 1* (yellow square 3). The red arrow in the lower line (3) is to download the whole yearly bulletin.
(4) select the month "*vai all'indice*" (yellow square 4)
(5) scroll pages until the required page is found. The Magrini Observatory is indicated as: "*Osservatorio di Padova (via Sorio)*, North Latitude 45° 24', Longitude 0° 35' West of Rome" (yellow square 5)

Acknowledgements
The authors are grateful to: Dr Riccardo Guolo and Dr Francesco Rech, ARPAV, Teolo Meteorological Service, for having kindly supplied and permitted to publish the precipitation data of ARPAV and Water Magistrate; © The Historical Archive of the Astronomical Observatory, Padua; © The Marciana Library, Venice, for having kindly allowed the consultation and permission to publish the documents; Elsevier, The Science of the Total Environment for having permitted to reproduce the Fig.2 of Camuffo et al. 1984, 1988.

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Electronic Supplementary Material 18-23

Article Title: Three centuries of daily precipitation in Padua, Italy, 1713-2018. History, relocations, gaps, homogeneity and raw data

Journal name: Climatic Change

Authors: Dario Camuffo[1], Antonio della Valle[1], Francesca Becherini[2], Valeria Zanini[3]

Affiliations:
1) National Research Council-Institute of Atmospheric Sciences and Climate, Corso Stati Uniti 4, 35127 Padua, Italy
2) National Research Council-Institute of Polar Sciences, Via Torino 155, 30172 Venice Mestre, Italy
3) INAF-Astronomical Observatory of Padova, Vicolo dell'Osservatorio 5, 35122 Padua, Italy

E-mail address Corresponding Author: d.camuffo@isac.cnr.it

ESM 18. Raw Data Cover Concerning the Daily Precipitation in Padua

In the next pages, the datasets with original records are reported. They are property of the following Institutions:

- **INAF Astronomical Observatory** www.beniculturali.inaf.it/archivi/padova/#serie (pay attention to some biased periods as explained in the text)
- **Magrini Observatory of the Water Magistrate** after the **ISPRA** (*Istituto Superiore per la Protezione e la Ricerca Ambientale*, i.e. Superior Institute for Environmental Protection and Research) website http://www.acq.isprambiente.it/annalipdf/ Note: the Water Magistrate was closed in 2014 and its competency was transferred to ARPAV
- **ARPAV** (*Agenzia Regionale per la Prevenzione e Protezione Ambientale del Veneto*, i.e. Regional Agency for Environmental Prevention and Protection of the Veneto Region), website https://www.arpa.veneto.it/
- The data recovery and analysis constitutes intellectual property of the **Authors**

In this work, a dataset has been used of the **Weather Service** of the **Italian Air Force**, official website http://www.meteoam.it/dati_in_tempo_reale
However, we are not authorized to report here their data because "*All Users are obliged not to transfer to third parties the original data or products released by the Weather Service*". Interested people should directly contact the Weather Service.

The **Authors of this paper** have recovered the data from the original handwritten documents, or printed tabular forms, and transformed the data from their units (e.g. London inch for Poleni, Paris Inch for Toaldo etc.) into mm, and at the end of a long historical research they have associated the data to their metadata; in particular, when the data are uncertain, or affected by bias or other problems.

The datasets in the following sections are licensed under **CC BY-NC-ND 4.0** (Creative Commons Attribution-Non Commercial 4.0 International License).

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- **Share**, i.e. copy and redistribute the material in any medium or format.
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Under the following terms:

- **Attribution**, i.e. appropriate credit shall be given to **INAF, ARPAV** or **Water Magistrate** for the property, as well as to **this paper** for having recovered and digitized the handwritten records of Poleni and the Specola, as well as the printed forms of the Magrini Observatory; converted into mm when necessary, and reported the history of the series and related metadata. You should also indicate if changes were made. You *must* attribute the work in the manner specified by the authors and licensors (but not in any way that suggests that they endorse you or your use of the work).
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List of the enclosed Raw Data

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764

pp 48-67

ESM 20. Toaldo & Chiminello Raw Precipitation Data (mm): 1768-1811

pp 68-89

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm): 1812-1919

pp 90-144

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949

pp 145-160

ESM 23. ARPAV Botanical Garden Raw Precipitation Data (mm): 1997-2018

pp 161-171

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1725	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.64
1725	2		0.00	0.00	0.30	0.00	0.00	0.00	0.00	25.40	1.37	5.03	14.58
1725	3		0.00	0.00	1.68	0.46	0.00	0.00	0.00	0.00	36.83	0.00	0.91
1725	4		0.00	0.00	0.00	2.29	24.28	0.00	0.00	24.84	0.00	0.00	0.00
1725	5		0.00	0.00	0.00	10.06	6.20	0.00	0.00	23.01	0.56	8.13	0.00
1725	6		0.00	0.00	0.00	7.32	0.00	0.00	0.00	0.00	0.00	34.14	0.00
1725	7		0.00	0.00	0.00	2.64	0.00	0.00	7.87	0.00	0.00	11.89	0.00
1725	8		0.00	0.00	3.96	2.24	0.00	0.00	2.84	0.00	0.00	0.00	0.00
1725	9		0.00	0.00	4.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1725	10		0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00
1725	11		0.00	0.00	0.00	0.00	2.24	0.00	2.29	0.00	0.00	0.00	0.00
1725	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76
1725	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1725	14	0.00	0.00	0.00	0.00	6.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1725	15	0.00	0.00	0.00	0.00	0.51	0.00	0.15	44.55	0.00	0.00	0.00	0.00
1725	16	0.00	0.00	3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1725	17	2.79	0.00	5.64	17.98	0.71	0.00	0.00	2.79	2.29	0.00	0.00	0.00
1725	18	3.96	0.00	0.64	16.89	0.00	0.61	0.00	0.00	0.00	1.73	3.05	0.00
1725	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	1.14	0.00	0.00
1725	20	0.00	0.00	0.00	0.00	37.85	0.00	0.00	0.00	0.00	22.00	2.24	0.00
1725	21	0.00	0.00	0.00	2.24	2.24	0.00	0.00	0.00	0.00	7.62	1.14	0.00
1725	22	0.00	0.00	0.00	20.88	1.14	0.00	0.00	0.00	0.00	15.75	6.20	0.00
1725	23	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16	12.24	0.00	0.00
1725	24	3.43	0.00	0.00	0.00	1.88	0.30	11.84	0.00	0.00	3.18	0.00	0.00
1725	25	0.00	0.00	0.00	0.00	1.68	0.00	0.00	0.00	8.64	2.79	25.70	0.00
1725	26	0.00	0.00	0.00	0.00	3.35	0.00	1.14	9.96	0.00	0.56	16.81	0.00
1725	27	0.00	0.00	0.00	19.10	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1725	28	0.00	0.00	0.00	0.00	2.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1725	29	0.00		0.51	0.00	0.00	0.00	8.48	0.00	0.00	2.92	21.08	0.00
1725	30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	15.14	6.71	0.00	0.00
1725	31	0.00		0.00		0.00		23.72	0.00		36.70		0.00
1726	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1726	2	0.00	1.12	1.73	1.17	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00
1726	3	0.00	0.00	0.00	32.16	0.00	5.08	0.00	0.00	0.00	0.00	0.00	0.00
1726	4	0.00	0.00	0.46	17.58	0.00	2.84	0.00	0.00	0.00	4.52	0.00	0.00
1726	5	0.00	0.00	0.00	12.45	0.00	0.46	0.00	23.16	0.00	9.50	0.00	0.00
1726	6	0.00	0.00	0.00	2.29	0.00	0.00	40.69	0.00	0.00	15.75	0.00	0.00
1726	7	0.00	0.00	0.00	6.81	1.73	0.00	7.37	0.00	0.00	0.00	0.00	0.00
1726	8	0.00	0.00	0.00	6.30	0.00	16.92	0.00	0.00	0.00	0.00	2.79	0.00
1726	9	0.00	0.00	0.00	0.00	7.92	0.00	0.00	1.17	0.00	0.00	0.00	0.00
1726	10	0.00	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1726	11	0.00	11.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1726	12	0.00	4.47	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00	1.14	0.00
1726	13	6.81	0.00	0.00	1.27	1.68	0.00	0.00	27.69	0.00	0.00	0.00	17.42
1726	14	0.00	3.00	0.00	0.00	2.24	0.00	1.14	0.00	0.00	0.00	0.00	0.00
1726	15	0.00	0.00	0.00	0.00	0.00	6.81	0.00	0.00	0.00	0.00	0.00	0.00
1726	16	9.02	0.00	0.00	0.00	0.00	2.74	0.00	3.96	0.00	0.00	0.00	0.00
1726	17	0.00	0.00	0.00	0.00	0.00	1.68	6.20	0.56	14.12	0.00	0.00	7.92
1726	18	2.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.37	0.00	3.96	0.61
1726	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1726	20	0.00	0.00	0.00	1.68	4.47	0.00	0.00	0.00	0.00	0.00	0.00	0.38
1726	21	0.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.72	5.08
1726	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.33	0.00
1726	23	0.00	11.89	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.60	13.56
1726	24	0.00	0.00	0.00	2.59	0.00	0.00	0.56	0.00	0.00	0.00	17.48	1.14
1726	25	0.00	0.00	0.00	37.97	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.00
1726	26	0.25	0.00	0.00	1.52	0.61	2.79	0.00	0.00	0.00	0.00	0.76	0.00
1726	27	0.00	3.05	0.00	0.00	0.46	3.40	2.79	0.00	0.00	0.00	0.00	0.00
1726	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	0.00
1726	29	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1726	30	0.00		0.00	46.86	0.00	0.00	0.00	0.00	3.40	0.00	0.00	0.00
1726	31	0.00		0.00		0.00		24.84	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1727	**1**	0.00	0.00	0.00	0.00	0.00	0.00	19.71	1.17	0.00	0.00	37.08	0.00
1727	**2**	0.00	10.77	0.00	0.00	0.20	11.33	2.24	0.71	1.52	0.00	0.00	0.00
1727	**3**	0.20	28.80	0.00	0.00	0.00	0.00	0.38	0.00	82.45	0.00	0.00	0.00
1727	**4**	7.62	4.47	0.00	0.00	0.00	0.00	1.73	0.00	5.26	0.00	0.00	20.78
1727	**5**	0.00	2.54	3.96	17.45	2.84	0.00	0.00	0.00	0.00	0.00	0.00	16.89
1727	**6**	0.00	0.00	0.00	1.14	0.00	0.00	0.00	12.85	0.00	3.40	1.73	4.52
1727	**7**	0.00	0.00	0.00	22.86	0.00	0.00	0.00	19.51	0.00	6.76	20.32	11.89
1727	**8**	0.00	0.00	0.00	1.73	3.96	8.48	0.00	12.95	0.00	14.73	0.00	9.04
1727	**9**	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	19.10	21.08	0.00	3.96
1727	**10**	6.76	0.00	0.00	0.00	0.00	6.81	0.00	11.43	1.57	0.00	0.00	5.69
1727	**11**	0.00	0.00	0.00	0.00	0.00	26.01	0.00	0.00	0.00	0.00	0.00	5.13
1727	**12**	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	3.96	0.00
1727	**13**	0.00	0.00	0.00	0.00	2.74	0.00	0.00	0.00	0.00	0.00	3.40	0.00
1727	**14**	0.00	0.00	0.00	1.12	1.68	0.00	0.00	18.80	0.00	0.00	0.00	0.46
1727	**15**	7.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.16	0.00	0.00	7.32
1727	**16**	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.70	0.00	0.00	8.48
1727	**17**	0.00	0.00	0.00	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52
1727	**18**	0.56	4.52	0.00	0.00	0.56	0.25	2.84	0.00	0.00	0.00	0.00	0.00
1727	**19**	5.64	17.45	0.00	0.00	6.81	0.00	0.00	0.00	0.00	0.00	0.00	2.29
1727	**20**	0.00	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	2.84	0.00	0.00
1727	**21**	0.00	0.56	0.00	0.00	0.00	0.00	3.35	0.00	0.00	0.00	0.00	7.32
1727	**22**	0.00	0.76	0.00	0.00	3.05	0.00	0.00	0.00	18.75	0.00	11.33	5.08
1727	**23**	0.00	0.00	3.96	0.00	0.00	0.00	0.00	0.00	5.18	0.00	9.60	4.47
1727	**24**	0.00	0.00	0.00	0.00	0.00	23.11	9.04	0.00	0.00	0.00	0.00	7.72
1727	**25**	0.00	0.00	0.00	0.61	1.73	0.00	0.00	0.00	0.00	10.72	9.40	1.68
1727	**26**	1.14	0.00	0.00	0.00	0.00	14.33	0.56	0.00	0.00	16.51	9.65	5.64
1727	**27**	41.25	0.00	0.00	0.00	1.12	0.00	0.00	0.00	0.00	10.16	3.61	0.00
1727	**28**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.31	0.46	4.52
1727	**29**	5.03		0.56	0.00	0.00	0.00	0.00	0.00	0.00	6.81	0.00	16.31
1727	**30**	0.00		0.00	0.00	17.42	0.00	0.00	0.00	0.00	0.00	0.00	32.77
1727	**31**	40.13		0.00		0.00		0.00	0.00		44.55		45.62
1728	**1**	27.81	0.00	17.15	0.00	0.00	0.00	0.00	0.00	0.00	1.93	7.62	39.24
1728	**2**	2.29	0.00	2.29	0.00	0.00	0.00	0.00	19.69	0.00	0.00	13.31	5.38
1728	**3**	0.00	0.00	1.91	3.40	2.74	0.00	0.81	0.00	0.00	0.00	5.54	0.00
1728	**4**	0.00	2.16	0.38	3.18	10.67	0.00	3.15	0.00	0.00	29.08	0.00	0.00
1728	**5**	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	22.10	0.00	22.96
1728	**6**	0.00	0.00	0.00	0.00	4.67	0.00	0.00	0.00	26.42	0.00	5.84	16.64
1728	**7**	0.00	0.00	0.00	36.83	0.00	0.00	0.38	0.00	10.54	1.42	15.37	31.90
1728	**8**	0.81	0.00	0.00	56.52	0.51	2.92	2.67	0.00	0.00	13.72	0.00	2.39
1728	**9**	0.00	0.00	0.00	0.00	0.00	17.40	0.00	0.00	0.00	0.00	0.00	0.00
1728	**10**	0.00	0.00	4.32	21.34	0.00	13.34	3.15	0.00	0.00	2.16	0.00	16.89
1728	**11**	0.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	0.00	0.00	0.20	0.00
1728	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.18	0.00	0.00
1728	**13**	0.00	0.00	0.00	0.00	4.45	0.00	0.00	0.00	0.00	9.04	0.00	22.61
1728	**14**	0.00	0.00	0.00	0.30	0.00	10.92	0.00	0.00	14.83	9.02	0.00	40.64
1728	**15**	3.40	0.00	0.00	0.00	0.00	0.00	29.36	0.00	0.00	0.00	0.00	16.38
1728	**16**	10.16	0.00	0.00	7.47	0.00	0.00	0.00	0.00	0.00	1.37	0.00	0.00
1728	**17**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	1.52	0.00	0.00
1728	**18**	5.21	0.00	0.00	0.00	0.00	0.00	0.00	1.14	1.14	25.91	0.00	0.00
1728	**19**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	8.89
1728	**20**	0.00	0.00	0.00	0.00	0.00	2.74	0.00	3.81	15.54	7.75	15.62	0.00
1728	**21**	10.67	0.00	0.00	0.00	0.00	14.22	51.31	3.40	15.75	0.00	0.00	0.00
1728	**22**	0.00	0.00	0.00	0.64	0.00	0.00	0.64	2.41	0.25	0.00	0.00	19.20
1728	**23**	4.45	0.00	0.38	0.00	0.00	15.37	0.00	0.00	41.78	0.00	0.00	2.29
1728	**24**	11.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.72	0.00	0.00	16.38
1728	**25**	0.00	0.00	0.20	0.00	0.00	0.00	1.02	0.00	0.51	0.20	0.00	7.24
1728	**26**	22.10	0.00	0.00	0.00	0.00	0.00	0.00	11.18	10.16	0.00	0.00	0.00
1728	**27**	0.00	0.00	0.00	0.00	0.51	0.00	0.00	31.62	0.00	0.00	0.00	5.08
1728	**28**	24.77	0.00	0.00	0.00	11.33	0.00	0.00	41.20	0.00	0.00	0.00	0.00
1728	**29**	0.00	0.64	0.64	0.00	22.73	0.00	0.00	0.00	0.00	0.38	0.00	2.74
1728	**30**	13.97		0.25	0.00	13.56	0.00	0.00	0.00	0.00	0.00	22.61	26.97
1728	**31**	0.46		0.00		0.00		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1729	**1**	0.00	0.00	0.00	0.00	0.20	0.00	7.11	0.71	0.00	0.00	0.00	0.00
1729	**2**	0.00	12.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.40	0.00
1729	**3**	0.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	0.00	0.00	2.03	0.00
1729	**4**	0.13	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	17.98	0.00	0.00
1729	**5**	0.13	0.00	0.00	0.00	0.20	0.00	0.00	8.64	0.00	1.57	45.06	0.00
1729	**6**	8.33	0.00	13.56	1.27	1.93	0.13	12.50	40.74	0.00	0.00	2.69	16.26
1729	**7**	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.51	0.00	2.03	0.00	0.00
1729	**8**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00
1729	**9**	0.00	0.00	0.00	0.00	0.51	8.33	0.00	0.00	0.00	21.59	0.00	0.00
1729	**10**	0.00	0.00	0.00	0.00	0.00	25.15	0.00	6.50	6.30	0.00	2.03	0.00
1729	**11**	16.00	0.00	0.00	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.70
1729	**12**	8.51	0.00	0.00	0.00	0.38	0.00	10.16	0.25	0.00	0.00	0.00	2.39
1729	**13**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1729	**14**	0.00	0.00	0.00	10.97	0.00	0.00	0.20	0.00	2.29	0.00	0.00	0.00
1729	**15**	0.13	4.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1729	**16**	0.00	2.34	13.00	0.00	0.51	20.68	0.00	0.00	0.00	0.00	22.66	0.00
1729	**17**	0.00	6.86	0.20	0.00	0.00	1.22	23.01	0.00	0.00	0.00	6.86	0.00
1729	**18**	0.00	2.34	0.00	0.00	20.93	32.77	0.00	0.00	0.00	0.00	0.61	0.00
1729	**19**	0.00	0.00	0.00	11.43	0.00	0.00	8.84	0.00	0.00	0.00	6.81	0.00
1729	**20**	0.00	0.00	0.00	0.00	0.20	0.00	6.60	0.00	0.00	0.00	24.99	0.00
1729	**21**	0.00	0.00	12.85	0.00	0.00	0.00	0.00	0.00	3.40	0.00	2.34	0.00
1729	**22**	0.00	0.00	14.02	0.00	3.91	0.00	0.00	0.00	0.00	0.00	0.00	28.14
1729	**23**	0.00	1.57	27.08	8.43	0.00	0.00	0.00	8.13	0.00	0.00	8.94	31.60
1729	**24**	0.00	0.64	0.00	0.00	0.38	0.00	0.00	0.00	0.00	3.15	4.17	9.09
1729	**25**	0.00	0.00	0.00	10.87	0.51	0.00	0.00	0.00	27.18	6.86	0.00	0.00
1729	**26**	6.60	0.00	0.00	8.79	6.48	5.33	0.00	0.00	0.00	20.07	0.00	0.00
1729	**27**	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	46.23	0.00	0.00
1729	**28**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.43	0.00	0.00
1729	**29**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1729	**30**	0.00		0.00	5.69	0.00	0.00	9.04	0.00	4.95	0.91	0.00	0.00
1729	**31**	0.00		0.00		0.00		0.00	0.00		0.00		0.00
1730	**1**	0.00	0.00	0.00	7.26	0.61	8.23	0.00	0.00	0.00	0.00	0.00	0.00
1730	**2**	0.00	0.00	0.00	5.18	0.00	2.34	0.00	0.00	0.00	0.00	0.00	0.00
1730	**3**	0.00	0.00	0.00	9.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1730	**4**	0.00	0.00	0.00	2.03	3.30	0.00	0.76	0.00	0.00	0.00	0.00	0.81
1730	**5**	0.00	0.00	17.98	17.58	2.74	0.00	14.38	0.00	0.00	0.00	0.00	0.00
1730	**6**	0.00	0.00	0.00	0.00	0.00	0.00	24.99	0.00	0.00	0.00	0.00	2.16
1730	**7**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	1.40	4.19
1730	**8**	0.00	0.00	0.00	0.00	2.18	55.42	0.00	0.00	0.00	0.00	0.00	1.32
1730	**9**	0.00	0.00	18.29	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.36	0.00
1730	**10**	0.00	2.74	0.00	0.00	0.00	0.00	0.00	0.00	2.92	0.00	31.75	0.00
1730	**11**	0.00	0.00	15.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00
1730	**12**	0.00	0.00	1.65	0.00	0.00	0.00	6.25	0.00	0.00	0.00	0.00	19.66
1730	**13**	0.00	0.00	23.01	0.00	0.00	0.00	0.81	0.00	18.80	0.00	0.00	0.00
1730	**14**	0.00	0.97	16.38	0.00	0.00	0.64	0.76	0.00	0.00	1.68	1.02	0.00
1730	**15**	0.00	0.00	2.39	0.00	0.00	2.34	0.00	18.39	0.00	11.68	0.91	0.00
1730	**16**	0.00	0.00	0.97	0.00	0.20	0.20	0.00	0.00	0.00	17.98	0.00	0.00
1730	**17**	0.00	0.00	6.86	0.00	0.00	0.00	0.00	0.00	0.00	38.40	0.00	0.00
1730	**18**	0.00	0.00	7.92	0.00	0.00	8.89	0.00	0.00	0.00	0.00	0.00	0.00
1730	**19**	0.00	0.00	16.13	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1730	**20**	0.00	3.30	0.00	0.00	0.00	1.42	15.54	38.40	8.89	0.00	0.00	0.00
1730	**21**	0.00	17.53	0.00	17.63	0.00	14.07	21.08	11.43	0.00	0.00	0.00	0.00
1730	**22**	0.00	0.00	0.00	0.71	0.13	1.65	0.00	0.00	0.00	0.00	0.00	0.00
1730	**23**	0.00	0.00	0.00	6.45	0.00	38.40	0.00	0.00	0.00	29.57	0.00	0.00
1730	**24**	0.00	0.00	0.00	7.37	0.00	33.63	1.42	0.00	0.00	0.00	0.00	0.00
1730	**25**	0.10	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00	0.00	0.00
1730	**26**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1730	**27**	0.00	0.00	0.00	0.00	0.00	1.42	5.69	0.00	0.00	0.00	0.00	1.07
1730	**28**	0.00	0.00	0.00	0.00	0.00	9.53	6.86	0.00	0.00	0.00	0.00	1.68
1730	**29**	0.00		0.00	0.00	33.63	0.00	0.00	0.00	0.00	0.00	3.15	0.20
1730	**30**	0.00		0.00	0.00	2.18	0.61	0.61	37.29	0.00	0.00	0.00	0.00
1730	**31**	0.00		0.00		11.33		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1731	**1**	0.10	0.00	0.00	0.00	16.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1731	**2**	0.00	0.00	2.08	0.00	0.00	0.00	0.00	16.38	1.40	0.00	24.59	0.00
1731	**3**	0.00	0.00	0.61	1.57	0.00	0.00	9.04	0.00	0.00	0.00	24.28	0.00
1731	**4**	0.00	0.00	1.57	14.22	0.00	0.00	0.00	7.72	0.00	0.00	0.00	0.00
1731	**5**	0.00	7.11	11.43	8.99	0.00	0.00	0.00	0.00	0.00	0.00	0.64	11.48
1731	**6**	0.00	10.36	4.67	0.00	0.00	0.00	0.00	0.00	35.69	0.00	2.34	4.67
1731	**7**	0.00	2.34	18.85	0.00	0.00	0.00	0.00	0.00	0.20	51.05	0.28	9.14
1731	**8**	0.00	9.75	0.81	0.00	0.00	0.66	0.00	0.00	0.00	0.00	10.97	0.00
1731	**9**	0.00	0.00	0.00	0.00	11.07	2.34	0.00	0.00	0.00	0.00	0.00	1.88
1731	**10**	0.00	0.00	0.00	0.00	2.69	0.00	0.00	0.00	22.66	0.00	26.11	0.64
1731	**11**	0.00	6.35	0.00	0.00	15.24	0.00	10.97	0.00	0.00	0.00	7.92	0.00
1731	**12**	0.00	3.15	0.00	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.30	0.00
1731	**13**	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.89	0.00
1731	**14**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1731	**15**	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00
1731	**16**	15.54	0.00	0.00	0.00	9.02	36.83	0.00	0.00	0.00	0.00	0.00	0.00
1731	**17**	0.00	0.00	0.00	0.10	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00
1731	**18**	0.00	0.00	0.00	0.00	2.13	2.13	5.44	0.00	1.83	0.00	0.00	0.00
1731	**19**	2.29	0.00	0.00	0.00	0.00	1.27	0.00	0.00	3.40	0.00	0.46	0.00
1731	**20**	0.00	0.00	0.00	0.00	0.00	0.15	1.68	0.00	0.00	0.00	9.86	0.00
1731	**21**	0.00	0.00	0.00	0.00	0.00	13.31	14.83	27.33	0.00	0.00	2.03	0.00
1731	**22**	0.00	0.00	0.00	3.45	0.00	11.43	0.00	63.25	0.00	0.00	0.64	0.00
1731	**23**	0.00	0.00	0.00	15.95	0.00	2.13	0.00	0.61	0.00	0.00	0.00	0.00
1731	**24**	3.15	8.89	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00
1731	**25**	5.54	0.00	0.00	0.00	0.00	0.00	3.45	0.00	0.00	12.85	0.00	0.00
1731	**26**	0.00	15.54	0.00	0.00	0.00	18.29	0.00	0.00	0.00	0.61	0.00	0.00
1731	**27**	0.00	10.29	0.00	2.13	0.00	0.00	0.46	1.32	0.00	0.00	0.00	0.00
1731	**28**	0.00	0.00	0.00	0.00	0.00	0.00	36.45	0.00	0.00	0.00	0.00	0.00
1731	**29**	0.00		0.00	20.32	0.00	0.00	0.00	33.88	0.00	0.00	0.00	0.00
1731	**30**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34
1731	**31**	0.00		0.00		0.00		0.00	0.00		0.00		3.35
1732	**1**	1.73	0.00	2.69	0.00	0.00	11.07	0.00	22.00	0.00	0.00	0.15	0.00
1732	**2**	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1732	**3**	0.20	0.00	0.00	0.00	0.00	11.89	0.00	0.00	10.41	0.00	0.00	0.00
1732	**4**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.51	0.00	0.00	0.00
1732	**5**	0.00	0.00	0.00	0.00	0.00	0.30	0.46	0.00	0.00	0.00	0.00	0.00
1732	**6**	0.00	0.00	0.00	0.00	0.00	0.00	23.52	4.88	0.00	0.00	39.32	0.00
1732	**7**	0.00	0.00	0.00	5.49	0.00	0.00	0.00	0.64	0.00	0.00	74.42	0.00
1732	**8**	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.30	0.00	0.00
1732	**9**	0.00	4.42	0.00	0.00	0.00	0.00	8.26	0.00	9.27	0.00	26.31	0.00
1732	**10**	0.00	1.17	0.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	15.88	0.00
1732	**11**	0.00	0.00	0.00	19.41	8.26	0.00	0.00	0.00	0.00	0.00	5.46	0.00
1732	**12**	0.00	0.00	0.00	3.18	0.00	0.00	0.41	0.00	0.00	0.00	8.48	0.00
1732	**13**	0.00	0.00	0.00	14.78	0.00	0.00	0.00	15.54	0.00	0.00	0.00	0.00
1732	**14**	0.00	0.00	0.10	0.00	0.00	2.34	4.17	2.41	0.00	0.00	0.00	0.00
1732	**15**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1732	**16**	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.91	0.00	6.71	6.40	0.00
1732	**17**	0.00	0.00	0.00	11.79	0.00	0.00	0.00	8.33	0.00	0.00	0.00	0.00
1732	**18**	0.00	0.00	0.00	4.88	0.00	0.00	0.00	0.00	0.00	0.00	5.72	0.00
1732	**19**	0.00	11.43	0.00	0.00	0.00	6.99	0.00	0.00	0.41	0.00	0.00	0.00
1732	**20**	0.00	2.39	0.00	12.85	0.00	0.00	0.00	27.74	0.20	0.00	0.00	0.00
1732	**21**	0.00	0.00	3.15	0.00	0.00	0.00	8.18	0.91	0.00	0.00	0.00	0.00
1732	**22**	0.00	0.00	0.00	22.96	0.00	0.23	0.00	0.00	0.00	11.63	0.00	0.00
1732	**23**	0.00	0.00	0.00	14.86	0.00	6.15	0.00	0.00	0.20	0.00	0.00	0.00
1732	**24**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	3.25	0.00
1732	**25**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.99	0.15	0.00
1732	**26**	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	12.29	0.30	0.00
1732	**27**	0.00	0.00	13.00	0.00	0.00	23.37	0.00	0.00	0.00	0.00	0.00	0.00
1732	**28**	11.68	13.87	14.40	28.60	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00
1732	**29**	0.61	19.38	12.40	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1732	**30**	27.18		1.65	0.00	9.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1732	**31**	9.02		0.00		14.35		0.00	0.00		9.60		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1733	**1**	0.00	0.00	0.00	4.57	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00
1733	**2**	0.00	0.00	0.00	8.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	**3**	10.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	**4**	19.20	0.00	0.00	0.00	0.00	2.69	0.00	9.35	0.00	0.00	0.00	0.00
1733	**5**	26.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.26	0.00	0.00	0.00
1733	**6**	0.00	0.00	0.00	0.00	21.95	0.00	0.00	0.00	0.00	6.73	0.00	0.00
1733	**7**	4.42	0.00	0.00	0.00	45.97	2.34	0.00	0.00	0.00	7.62	0.00	0.00
1733	**8**	0.00	0.00	0.00	0.00	12.09	0.00	0.00	19.20	0.00	0.00	0.00	0.00
1733	**9**	12.50	0.00	0.00	10.57	0.00	4.11	0.00	6.86	0.00	0.00	0.00	0.00
1733	**10**	0.00	0.00	0.00	27.53	0.64	9.27	3.25	3.18	0.00	0.30	0.00	0.00
1733	**11**	16.66	0.00	0.00	0.00	0.00	11.43	6.30	0.00	0.00	0.00	0.00	0.00
1733	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
1733	**13**	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	**14**	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	**15**	0.00	0.00	0.00	0.00	0.41	6.45	0.00	2.74	0.00	0.00	0.00	0.00
1733	**16**	0.00	0.00	0.00	0.00	32.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
1733	**17**	0.00	0.64	0.15	0.00	0.00	0.00	2.39	0.00	0.00	0.00	0.00	0.00
1733	**18**	0.00	0.00	12.57	0.00	10.62	14.35	0.00	32.00	0.00	0.00	0.00	0.00
1733	**19**	0.00	0.00	0.00	0.64	0.41	0.00	0.81	0.00	0.00	0.00	0.00	0.00
1733	**20**	0.00	8.33	0.81	0.00	18.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	**21**	0.00	0.00	0.00	0.00	0.00	17.37	0.00	0.00	0.00	0.00	0.20	0.00
1733	**22**	0.00	0.00	7.11	0.00	0.00	0.00	0.00	16.31	0.00	0.00	9.19	0.00
1733	**23**	3.94	0.00	18.90	0.00	0.00	0.00	0.00	0.00	0.00	26.72	0.30	0.00
1733	**24**	27.03	0.00	7.26	0.91	3.68	0.00	0.00	0.00	0.00	29.59	0.00	0.00
1733	**25**	4.72	0.00	2.95	14.73	8.89	4.57	55.78	0.00	0.00	6.96	0.00	0.00
1733	**26**	11.43	0.00	0.00	0.00	13.26	11.89	0.00	0.00	0.00	4.01	0.00	0.00
1733	**27**	0.00	0.00	0.00	0.00	11.99	4.70	0.00	21.97	0.00	0.00	0.00	0.00
1733	**28**	0.00	0.00	19.05	0.00	0.00	0.00	0.00	4.17	0.30	0.89	0.00	0.15
1733	**29**	0.00		6.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	**30**	0.00		16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1733	**31**	0.00		0.00		5.18		0.00	0.00		2.44		0.00
1734	**1**	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.00
1734	**2**	0.00	0.00	0.00	0.00	4.62	0.00	0.00	7.82	0.00	0.00	0.00	0.00
1734	**3**	0.00	12.24	0.00	0.00	0.00	0.00	0.00	20.50	0.00	0.64	0.00	0.00
1734	**4**	0.00	4.19	0.00	0.00	0.00	0.00	33.91	9.40	0.00	1.57	0.00	0.10
1734	**5**	0.38	0.00	0.00	0.00	10.36	0.00	2.92	0.00	0.00	0.00	0.00	5.28
1734	**6**	0.00	0.00	0.00	0.00	12.75	0.10	2.16	0.00	0.00	1.98	0.00	0.20
1734	**7**	26.31	0.00	3.43	2.44	0.00	0.00	0.00	0.00	0.00	0.15	0.00	7.24
1734	**8**	0.00	0.00	40.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.38
1734	**9**	0.00	0.00	0.00	0.00	0.00	10.26	0.00	0.00	0.00	0.00	0.00	0.00
1734	**10**	0.00	0.00	0.00	0.00	0.00	6.40	0.00	3.94	0.00	0.00	0.00	0.00
1734	**11**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64
1734	**12**	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.64
1734	**13**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.72	0.00	0.15
1734	**14**	0.00	0.00	0.00	0.00	0.00	0.00	8.89	24.74	0.00	0.20	0.00	25.50
1734	**15**	0.00	0.00	0.00	0.00	0.00	0.00	44.65	26.04	0.00	4.47	0.00	2.34
1734	**16**	2.18	0.00	0.00	4.01	0.00	0.00	39.19	0.00	0.00	5.99	0.00	0.00
1734	**17**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56
1734	**18**	7.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.22	0.00	2.41
1734	**19**	0.41	0.00	4.78	0.15	0.00	0.00	18.92	0.00	0.00	11.48	0.00	7.21
1734	**20**	0.00	0.00	1.32	0.00	0.00	15.70	0.00	0.00	0.00	0.00	0.00	0.00
1734	**21**	0.00	0.00	0.00	0.00	19.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1734	**22**	0.00	0.00	0.00	0.00	61.06	0.00	0.00	0.00	0.20	0.71	0.00	0.00
1734	**23**	0.00	0.00	0.00	0.00	1.65	0.00	0.00	0.00	47.50	35.76	3.56	0.00
1734	**24**	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	16.66	8.94	10.80	13.72
1734	**25**	0.00	0.00	23.50	0.00	10.41	0.00	0.00	0.00	0.00	0.00	0.00	27.56
1734	**26**	0.00	0.00	6.91	0.00	0.00	21.16	9.04	0.00	0.00	0.00	0.00	0.00
1734	**27**	0.00	0.00	0.00	11.43	0.00	31.65	0.00	2.44	0.00	1.73	0.00	1.32
1734	**28**	0.00	0.00	0.00	0.00	0.00	7.32	0.00	2.84	0.00	4.95	0.00	1.32
1734	**29**	0.00		0.00	0.00	0.64	0.00	0.00	22.23	0.00	0.91	0.00	0.00
1734	**30**	0.00		0.00	0.00	0.00	0.89	15.82	0.00	0.00	1.22	0.00	1.40
1734	**31**	0.00		0.00		0.00		0.00	0.00		13.56		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1735	**1**	0.00	0.91	3.00	13.72	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**2**	11.48	25.53	0.00	16.08	0.00	0.00	0.00	1.83	0.00	0.00	0.00	0.30
1735	**3**	4.57	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1735	**4**	0.00	1.83	28.50	8.69	4.19	0.00	0.00	51.44	0.00	0.00	0.00	2.08
1735	**5**	0.00	3.86	5.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**6**	0.00	0.00	0.00	13.84	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.61
1735	**7**	0.00	0.00	0.00	3.96	4.37	0.25	0.00	0.00	0.00	0.00	0.00	0.00
1735	**8**	11.02	0.00	9.78	12.40	0.00	0.00	17.63	0.00	0.00	0.00	0.00	10.41
1735	**9**	9.55	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1735	**10**	3.94	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00
1735	**11**	0.00	0.00	0.00	0.00	2.16	0.00	0.00	10.16	0.00	12.70	0.00	0.00
1735	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.00	10.80	0.00	0.00
1735	**13**	0.00	0.00	1.65	0.00	13.59	0.91	0.00	0.00	0.00	0.61	0.00	0.00
1735	**14**	0.00	0.00	8.94	4.06	0.00	2.29	0.00	0.00	0.00	0.00	0.00	0.00
1735	**15**	0.00	0.00	0.00	0.00	0.00	0.20	0.00	11.30	4.72	0.00	0.00	0.00
1735	**16**	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00
1735	**17**	0.00	0.10	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.00
1735	**18**	0.00	0.10	0.00	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1735	**19**	4.17	0.00	0.00	0.00	0.91	0.00	38.48	0.00	4.57	9.75	0.00	0.00
1735	**20**	18.16	0.15	0.00	0.00	0.71	27.43	20.32	0.00	0.00	7.06	0.00	0.00
1735	**21**	0.00	0.00	4.57	1.63	16.38	23.77	0.41	0.30	0.30	12.07	0.00	0.00
1735	**22**	18.62	0.00	24.84	15.85	0.00	22.61	0.00	0.00	0.41	7.42	0.00	0.00
1735	**23**	2.24	0.00	1.47	0.00	13.21	0.38	0.00	0.30	1.73	0.00	0.00	0.00
1735	**24**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	8.26	0.00	0.00	0.00
1735	**25**	23.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**26**	1.27	0.00	0.00	0.00	14.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**27**	0.00	0.00	14.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**28**	0.00	13.72	1.98	0.00	0.00	0.51	0.00	0.64	0.00	0.00	0.00	0.00
1735	**29**	0.00		4.17	0.00	7.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**30**	1.19		0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**31**	1.27		0.00		0.00		0.00	0.00		0.00		0.00
1736	**1**	0.00	19.20	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**2**	0.00	3.45	0.76	0.00	0.00	0.00	0.00	0.00	11.48	0.00	2.84	0.00
1736	**3**	0.00	10.31	1.52	1.78	0.00	1.42	0.00	0.00	0.00	0.00	0.41	0.00
1736	**4**	0.00	0.00	13.26	0.00	0.00	2.34	0.00	0.00	5.89	25.81	0.00	0.00
1736	**5**	0.00	0.00	1.93	17.07	0.00	2.16	0.00	33.58	14.43	18.08	0.00	0.00
1736	**6**	0.00	16.97	1.14	4.62	0.00	14.07	0.00	4.27	0.00	5.28	0.00	3.15
1736	**7**	0.00	15.75	22.30	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.41	5.23
1736	**8**	0.00	2.18	1.17	0.00	0.00	0.00	0.00	0.00	6.91	1.83	9.27	0.00
1736	**9**	4.57	14.35	0.00	0.00	0.15	0.00	1.73	0.00	1.65	0.00	0.00	6.86
1736	**10**	9.04	16.05	0.00	0.00	0.00	7.32	0.00	0.00	0.00	1.83	0.00	6.76
1736	**11**	2.29	28.09	2.41	0.00	0.00	0.00	0.00	0.00	0.00	4.52	0.00	0.41
1736	**12**	1.65	2.34	5.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**13**	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**14**	0.00	0.41	0.00	10.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**15**	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
1736	**16**	0.00	2.18	2.34	0.00	13.72	0.00	0.00	0.00	0.00	0.30	0.00	0.00
1736	**17**	0.00	0.38	4.57	0.00	3.61	36.45	0.00	0.00	0.00	0.00	0.00	0.41
1736	**18**	0.00	0.00	18.69	4.70	21.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**19**	0.00	0.00	13.84	0.00	5.72	0.20	0.00	0.00	0.00	0.00	14.02	0.00
1736	**20**	0.00	9.96	0.30	0.00	0.91	0.41	20.32	0.00	0.00	0.00	0.00	6.48
1736	**21**	0.00	2.79	0.00	0.00	9.02	0.00	0.00	2.84	3.68	0.00	0.20	0.00
1736	**22**	0.00	8.76	0.00	0.64	16.89	0.00	0.00	3.43	1.93	0.00	0.30	0.00
1736	**23**	9.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**24**	2.92	0.00	0.00	0.00	3.86	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1736	**25**	0.20	2.84	0.00	0.20	0.00	7.16	19.66	0.00	0.00	0.00	0.00	0.00
1736	**26**	14.86	0.64	0.00	0.00	0.00	2.67	0.00	0.00	0.00	0.00	0.00	0.00
1736	**27**	9.27	0.00	0.00	0.00	0.00	12.83	0.00	0.00	0.00	0.00	0.00	0.00
1736	**28**	0.46	0.00	0.00	11.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**29**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**30**	0.00		0.00	3.61	0.13	8.89	0.00	0.00	0.00	0.00	0.00	5.66
1736	**31**	0.00		0.00		9.78		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1737	**1**	0.00	0.51	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1737	**2**	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.65	0.64	0.00
1737	**3**	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.86	2.84	0.00
1737	**4**	0.00	21.59	0.00	0.00	0.00	0.00	5.38	0.00	0.00	4.62	3.94	0.00
1737	**5**	0.00	2.03	0.00	0.00	1.07	0.00	0.00	0.00	3.05	0.00	0.00	0.00
1737	**6**	0.00	0.00	0.00	1.65	1.98	0.00	1.65	9.14	0.00	0.00	0.51	0.00
1737	**7**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00
1737	**8**	0.00	0.00	2.95	0.00	0.00	0.00	1.65	0.41	0.00	1.40	0.00	0.61
1737	**9**	0.00	0.00	19.23	0.00	0.00	6.76	11.02	0.00	0.00	0.00	0.00	0.00
1737	**10**	0.00	0.00	5.59	0.00	0.00	0.00	0.20	0.00	0.00	27.43	0.00	0.00
1737	**11**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.51	3.18	0.51
1737	**12**	0.00	0.00	0.30	0.20	0.00	0.00	0.00	0.00	0.00	6.86	2.44	0.00
1737	**13**	0.00	0.00	0.20	0.00	0.00	9.35	0.00	0.00	0.00	1.42	0.00	0.00
1737	**14**	0.00	0.00	0.00	0.00	0.00	11.43	0.00	0.81	0.00	6.73	0.00	0.00
1737	**15**	0.00	0.00	0.00	0.00	0.00	6.50	0.00	2.84	0.00	0.64	0.00	0.00
1737	**16**	0.00	0.00	1.65	0.00	0.00	2.44	0.00	7.24	0.00	35.56	0.00	0.00
1737	**17**	0.00	0.00	1.65	0.00	0.00	6.73	0.00	0.00	0.00	14.53	0.00	0.00
1737	**18**	0.00	0.00	0.64	0.00	0.00	19.02	0.00	1.65	0.41	22.61	0.00	0.00
1737	**19**	0.00	0.00	5.23	0.00	0.00	5.64	0.00	0.00	18.16	0.00	0.00	0.91
1737	**20**	0.00	0.00	0.00	0.00	0.00	11.79	0.00	0.30	0.00	0.00	0.00	0.20
1737	**21**	0.00	0.00	0.00	0.00	40.69	11.99	0.00	0.00	0.00	0.00	0.00	9.70
1737	**22**	0.00	0.00	0.00	0.00	18.03	0.91	0.00	0.00	0.00	0.00	0.00	4.45
1737	**23**	0.30	0.00	0.00	5.59	11.30	0.00	0.00	0.00	0.00	2.16	0.00	1.93
1737	**24**	0.00	0.00	3.20	0.00	1.83	0.00	0.00	0.00	0.00	45.11	0.00	0.00
1737	**25**	0.41	0.00	0.20	2.16	2.03	0.00	0.00	2.44	0.00	2.13	0.30	0.00
1737	**26**	0.00	0.00	0.64	17.91	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1737	**27**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.78	4.70	2.95	0.00
1737	**28**	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.69	2.18	0.00	0.00
1737	**29**	0.30		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1737	**30**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.30	0.00	0.00
1737	**31**	0.66		1.14		0.00		0.30	0.00		3.68		0.00
1738	**1**	0.00	0.00	12.40	0.00	3.23	0.00	0.00	0.00	0.00	0.66	1.83	0.00
1738	**2**	0.00	0.00	2.74	0.00	15.04	19.18	0.38	0.00	0.00	0.00	13.56	0.00
1738	**3**	0.00	0.00	0.00	0.00	0.00	0.91	52.22	0.00	32.82	0.00	0.00	0.00
1738	**4**	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	2.08	0.00	0.00	0.00
1738	**5**	0.00	0.00	0.00	0.00	24.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1738	**6**	0.10	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	13.84	16.97	0.00
1738	**7**	0.00	0.00	9.65	7.87	0.00	0.00	0.00	0.00	0.00	17.37	21.21	0.00
1738	**8**	4.57	0.00	2.13	0.00	0.00	3.35	0.00	0.00	11.23	2.24	3.20	0.00
1738	**9**	2.92	0.00	0.00	0.00	0.00	3.56	0.00	0.00	0.00	0.00	0.00	0.00
1738	**10**	0.00	0.00	0.00	0.00	0.00	0.00	9.14	0.10	0.00	0.00	0.00	0.00
1738	**11**	0.00	0.00	3.94	0.00	0.00	0.00	5.38	0.00	0.00	23.57	0.00	0.00
1738	**12**	0.00	0.00	5.74	0.00	0.00	10.11	0.00	0.00	0.00	0.00	0.00	0.00
1738	**13**	0.00	0.00	0.00	0.00	13.56	33.91	0.00	0.00	0.00	0.00	0.00	0.00
1738	**14**	0.00	0.00	0.00	0.00	0.00	16.84	0.38	0.00	0.00	0.00	0.00	0.30
1738	**15**	0.00	0.81	0.00	0.00	0.00	0.00	0.91	0.00	1.88	0.00	0.00	0.56
1738	**16**	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.64	0.00	0.36
1738	**17**	0.00	0.00	1.73	0.00	0.00	0.00	0.20	0.00	0.00	0.91	0.00	0.20
1738	**18**	0.00	0.00	0.00	0.00	2.08	0.00	0.00	0.00	0.00	0.00	0.00	2.18
1738	**19**	0.00	0.00	0.00	0.00	0.00	4.52	9.14	0.00	0.00	0.00	0.00	14.63
1738	**20**	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1738	**21**	0.00	0.51	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1738	**22**	0.41	0.00	5.38	0.00	18.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1738	**23**	2.13	0.00	0.41	0.00	0.00	0.00	13.77	0.00	0.00	0.00	0.00	0.00
1738	**24**	0.00	0.51	8.84	7.44	0.00	0.00	55.98	0.00	0.00	0.00	0.00	0.00
1738	**25**	0.00	6.96	0.00	18.16	0.00	5.28	2.92	0.00	0.00	0.00	0.00	0.00
1738	**26**	0.00	0.00	0.00	3.45	3.96	0.00	0.00	16.89	0.00	0.00	0.00	0.00
1738	**27**	0.00	0.00	0.00	0.00	0.00	15.82	0.00	0.00	0.00	0.00	0.00	0.00
1738	**28**	0.00	0.00	8.89	4.95	0.30	0.64	0.00	0.00	6.48	0.00	0.00	0.00
1738	**29**	0.00		2.84	0.00	0.00	4.88	0.00	0.00	14.43	0.00	0.00	0.00
1738	**30**	0.00		0.00	7.92	0.00	0.00	0.00	2.67	1.83	0.00	0.00	0.00
1738	**31**	0.00		0.00		0.00		2.41	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1739	**1**	0.00	0.00	0.00	10.54	6.91	0.00	0.00	0.00	0.00	0.00	0.41	0.00
1739	**2**	0.00	0.00	0.00	37.29	2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1739	**3**	9.78	0.00	0.00	0.00	11.05	0.00	0.00	0.00	0.00	0.00	0.00	8.26
1739	**4**	3.91	12.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.06
1739	**5**	0.00	5.46	0.00	0.00	0.00	0.00	0.00	2.18	0.00	0.00	0.00	5.99
1739	**6**	0.00	0.00	0.00	0.41	11.48	0.00	0.00	26.01	0.00	0.00	0.00	0.00
1739	**7**	0.15	0.00	0.00	0.00	2.16	0.00	0.00	0.00	4.67	0.00	0.00	0.00
1739	**8**	2.08	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.64	0.00	0.41	0.00
1739	**9**	0.00	0.00	0.00	1.83	0.00	0.00	0.00	11.43	0.00	6.78	5.03	2.34
1739	**10**	0.00	0.00	0.00	0.00	0.00	3.18	0.64	0.30	0.00	16.97	0.00	0.20
1739	**11**	0.00	0.00	24.87	0.00	0.00	4.37	0.00	0.00	0.00	16.56	0.30	0.30
1739	**12**	0.00	0.00	0.00	0.20	0.00	13.61	0.64	13.51	9.04	4.06	0.64	3.68
1739	**13**	7.42	0.00	0.00	11.38	0.00	0.00	0.86	18.92	0.00	1.96	1.14	8.03
1739	**14**	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.65	0.00	0.00
1739	**15**	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.64	0.00	2.34	0.00	0.00
1739	**16**	1.83	0.00	0.00	13.82	0.41	0.00	0.00	0.00	0.00	1.32	1.14	0.00
1739	**17**	0.00	0.00	0.00	1.93	0.81	0.00	0.00	0.00	9.70	0.00	4.24	0.00
1739	**18**	0.00	0.00	0.00	0.00	0.81	0.00	11.30	2.49	0.00	1.63	6.91	0.00
1739	**19**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.62	0.00	0.00
1739	**20**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.14	0.00	0.00
1739	**21**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1739	**22**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.20	0.00	0.00
1739	**23**	0.00	0.00	2.08	0.00	0.00	0.00	0.00	0.00	19.20	0.46	0.00	0.64
1739	**24**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00
1739	**25**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1739	**26**	0.00	0.00	7.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1739	**27**	0.00	0.00	0.30	0.00	0.00	2.64	0.10	0.00	6.15	0.00	0.00	0.00
1739	**28**	0.00	0.00	11.58	25.70	0.00	0.00	0.00	0.41	0.61	0.00	0.00	0.00
1739	**29**	0.00		0.15	0.00	0.00	0.00	30.28	12.40	0.91	0.00	0.00	0.00
1739	**30**	0.00		6.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00
1739	**31**	0.00		8.69		0.00		13.56	0.00		0.00		0.00
1740	**1**	0.00	0.00	0.00	0.00	0.00	0.30	0.00	1.65	0.00	0.00	2.67	0.00
1740	**2**	0.00	0.00	22.66	0.00	2.13	0.18	0.00	0.00	0.00	0.00	6.76	3.71
1740	**3**	0.00	0.30	6.96	0.00	0.64	0.00	0.00	0.00	6.48	0.00	8.31	3.43
1740	**4**	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.86	0.91
1740	**5**	0.41	0.64	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14
1740	**6**	0.00	9.02	0.00	0.00	0.00	2.44	0.00	0.00	0.00	4.32	0.00	0.00
1740	**7**	0.00	7.16	0.00	2.29	6.45	5.21	0.00	0.00	0.00	0.00	0.00	0.00
1740	**8**	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00
1740	**9**	0.20	0.00	0.00	0.00	0.00	2.59	0.00	0.00	0.00	2.59	0.00	0.15
1740	**10**	11.33	0.00	0.64	0.00	2.41	22.61	0.00	3.96	0.00	13.56	0.00	0.30
1740	**11**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	11.43	0.00	3.86
1740	**12**	13.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00	6.20	0.00
1740	**13**	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	3.96	0.00	0.00
1740	**14**	16.51	0.00	0.00	0.30	0.00	0.00	0.00	2.08	0.00	0.00	9.04	0.20
1740	**15**	4.19	0.00	0.00	0.00	0.00	0.00	0.00	3.45	0.00	0.00	8.69	6.25
1740	**16**	19.35	0.00	3.10	9.53	0.41	0.00	0.00	0.00	0.15	0.00	3.61	2.08
1740	**17**	2.03	0.00	1.73	0.00	15.82	0.00	0.00	0.00	0.00	0.00	0.00	0.30
1740	**18**	0.00	0.00	0.81	0.00	0.00	11.58	0.00	0.00	0.00	0.00	0.00	0.00
1740	**19**	0.41	0.00	0.00	0.00	0.64	0.41	1.14	0.00	0.00	0.00	10.41	0.00
1740	**20**	0.00	0.00	0.00	0.00	0.86	20.35	0.00	0.00	0.00	0.00	0.30	0.00
1740	**21**	0.64	0.00	0.00	0.00	6.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1740	**22**	0.00	0.00	0.00	0.00	2.08	0.00	18.08	0.91	0.00	0.00	6.05	0.00
1740	**23**	0.00	0.00	0.00	0.00	9.04	0.00	0.00	3.94	0.00	0.00	0.00	0.00
1740	**24**	0.00	0.00	0.00	0.00	0.00	0.00	6.27	0.00	0.00	0.00	0.00	0.00
1740	**25**	0.00	0.00	0.00	0.00	0.00	0.00	1.91	0.00	0.00	0.00	0.00	0.66
1740	**26**	0.15	0.00	0.00	15.80	0.00	0.00	14.83	0.00	0.00	0.00	0.00	0.64
1740	**27**	0.00	0.00	0.00	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
1740	**28**	0.00	0.00	0.00	0.00	0.20	6.99	0.00	0.00	0.00	0.00	0.66	1.68
1740	**29**	0.00	0.00	0.00	0.00	5.21	0.64	0.00	0.00	0.00	0.00	0.00	11.05
1740	**30**	0.00		0.10	0.00	4.88	0.00	0.00	0.00	0.00	0.00	0.00	3.86
1740	**31**	0.10		0.00		25.60		0.00	0.00		14.58		15.34

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1741	**1**	0.00	0.00	0.00	0.00	6.81	0.00	0.00	0.00	0.20	0.00	0.00	0.00
1741	**2**	13.00	0.00	0.00	0.00	5.49	0.00	5.99	4.01	17.32	0.00	0.00	0.00
1741	**3**	0.00	0.00	0.00	0.00	2.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1741	**4**	0.00	0.00	3.43	1.40	0.00	3.35	0.00	0.00	11.56	0.00	0.00	6.15
1741	**5**	0.00	0.91	2.67	0.00	0.00	0.00	0.00	14.88	0.20	0.00	0.00	0.00
1741	**6**	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.38	0.00
1741	**7**	0.00	0.00	1.14	0.00	0.00	3.94	2.34	0.00	0.38	0.00	3.86	0.00
1741	**8**	0.00	0.00	0.00	0.00	18.44	0.00	9.27	0.00	0.00	0.00	0.00	0.00
1741	**9**	0.00	0.00	0.00	0.00	6.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1741	**10**	0.00	0.00	0.00	2.08	6.55	0.00	0.20	0.00	0.00	0.00	0.00	0.00
1741	**11**	0.00	0.00	0.00	0.41	0.00	14.58	6.50	0.00	0.00	0.00	0.00	0.00
1741	**12**	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1741	**13**	0.00	0.00	0.00	6.86	0.00	0.00	0.91	6.35	0.00	0.89	0.00	0.00
1741	**14**	0.00	0.00	0.00	0.56	0.00	0.00	0.81	0.00	0.00	0.61	0.00	0.00
1741	**15**	0.00	0.00	0.00	0.81	0.00	20.60	0.00	0.00	14.38	0.00	0.00	0.00
1741	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1741	**17**	3.43	0.00	0.00	0.00	0.00	0.00	26.47	0.00	0.00	0.00	0.00	0.00
1741	**18**	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64
1741	**19**	0.00	0.00	0.00	0.00	0.00	5.69	0.00	0.00	0.00	0.00	13.06	3.94
1741	**20**	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.81	13.72	6.15
1741	**21**	6.05	0.00	0.00	0.00	11.43	0.00	0.00	0.00	0.00	13.61	4.52	7.42
1741	**22**	18.08	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	5.77	0.00	0.00
1741	**23**	3.86	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	14.27	0.00	2.03
1741	**24**	9.86	0.00	0.00	0.00	11.81	6.10	0.15	0.00	0.00	0.00	0.00	0.91
1741	**25**	13.56	0.00	0.00	0.00	23.57	0.00	0.00	0.00	0.00	0.71	0.00	20.19
1741	**26**	9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.27
1741	**27**	3.35	0.00	12.34	0.00	0.00	0.00	3.96	0.00	0.00	12.85	0.00	20.62
1741	**28**	0.00	1.32	1.07	0.00	0.00	0.00	0.00	0.00	0.00	2.16	0.00	1.14
1741	**29**	0.00		0.41	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	22.23
1741	**30**	0.00		0.71	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.00	8.53
1741	**31**	0.00		0.00		0.00		0.00	0.00		0.00		0.71
1742	**1**	0.00	0.00	6.17	1.57	0.00	0.00	0.00	11.07	0.00	0.00	0.00	0.66
1742	**2**	25.70	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1742	**3**	0.38	0.00	0.00	0.00	0.00	0.00	0.00	2.34	1.40	0.00	0.00	1.12
1742	**4**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.60	0.00	44.70
1742	**5**	0.00	0.00	0.00	4.62	0.00	0.00	0.00	0.00	0.00	9.83	0.00	0.00
1742	**6**	0.00	0.00	0.00	0.00	44.35	0.00	0.00	11.30	0.00	0.41	0.00	0.00
1742	**7**	0.00	0.00	0.30	0.00	4.78	0.00	0.00	0.00	0.00	0.00	0.00	16.51
1742	**8**	11.30	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.71	0.00	0.00
1742	**9**	28.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	8.23	11.10
1742	**10**	0.46	0.00	4.52	0.00	0.91	0.00	0.00	0.00	0.00	28.50	11.05	8.23
1742	**11**	0.00	0.00	0.38	0.00	0.00	16.59	3.94	0.00	0.94	0.00	0.00	7.87
1742	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.97	0.00
1742	**13**	5.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	20.50
1742	**14**	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.86	0.00	6.27	0.00	8.00
1742	**15**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.59	31.90	0.00	0.38	0.00
1742	**16**	0.00	0.00	0.00	2.13	20.57	0.00	0.00	0.00	43.38	0.00	0.00	7.90
1742	**17**	0.00	0.00	0.00	11.30	2.95	6.73	0.00	0.00	1.07	14.63	8.18	0.61
1742	**18**	10.13	0.00	0.00	8.33	0.00	5.94	0.00	0.00	0.00	40.69	0.00	0.00
1742	**19**	25.81	0.00	0.00	38.68	0.00	15.06	3.15	0.00	0.00	0.00	0.00	0.00
1742	**20**	12.19	0.00	0.00	0.97	0.00	18.08	0.00	0.00	0.00	0.00	0.00	0.00
1742	**21**	0.00	0.05	0.00	4.27	1.07	0.00	0.00	0.00	1.14	0.00	0.00	0.00
1742	**22**	0.00	0.00	0.00	3.96	0.00	15.09	0.00	1.07	0.00	0.00	33.91	0.00
1742	**23**	0.00	0.00	0.00	6.78	0.00	2.29	0.41	0.00	0.00	0.00	1.22	0.00
1742	**24**	0.00	0.00	11.02	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1742	**25**	0.00	0.00	0.91	3.30	0.00	0.00	0.00	0.00	13.31	0.00	14.27	0.00
1742	**26**	8.74	0.00	0.00	2.18	0.00	20.62	0.00	0.00	0.00	0.00	12.34	0.00
1742	**27**	0.00	0.00	0.00	4.72	0.00	0.00	0.00	0.00	11.43	0.00	14.66	0.00
1742	**28**	22.61	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00	27.79	0.00
1742	**29**	0.00		0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1742	**30**	0.00		1.42	0.00	0.00	0.00	0.00	0.66	0.97	0.20	0.00	0.00
1742	**31**	0.00		0.00		0.00		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1743	**1**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	0.00
1743	**2**	0.00	0.00	0.00	11.94	2.24	0.00	1.27	0.00	3.15	0.00	0.00	0.00
1743	**3**	0.00	0.00	0.00	17.98	0.00	0.66	2.69	0.00	0.94	14.12	0.00	0.00
1743	**4**	0.00	0.00	0.00	1.37	0.86	0.30	0.64	0.00	0.00	27.43	0.00	0.00
1743	**5**	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	8.08	0.00	0.00
1743	**6**	0.00	0.00	0.20	0.30	0.00	0.91	16.71	0.00	0.00	0.00	0.00	0.00
1743	**7**	0.00	0.00	0.00	0.00	0.00	25.73	0.00	0.00	0.00	0.00	0.00	0.00
1743	**8**	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
1743	**9**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1743	**10**	0.00	0.00	0.00	0.00	10.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1743	**11**	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	9.04	0.00	0.00
1743	**12**	6.86	0.00	0.00	2.84	0.00	21.97	0.00	0.00	0.00	3.71	0.00	0.00
1743	**13**	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
1743	**14**	0.64	0.00	0.00	0.00	30.12	0.00	18.59	0.00	0.00	0.00	0.00	0.00
1743	**15**	0.00	0.00	0.00	0.00	22.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1743	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.20	6.45	0.00	0.00	0.00	0.00
1743	**17**	0.00	0.91	0.00	11.07	0.00	0.00	9.45	0.00	1.14	0.00	0.00	0.00
1743	**18**	0.00	0.00	0.00	0.00	0.00	0.00	3.18	76.33	0.00	1.42	0.00	0.00
1743	**19**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	0.00	2.84	1.14	0.00
1743	**20**	0.00	0.00	0.00	34.29	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1743	**21**	0.00	0.00	5.89	0.00	12.24	5.23	0.00	0.00	0.00	1.09	0.00	0.00
1743	**22**	0.00	0.00	22.02	0.00	24.31	20.88	3.10	0.00	0.00	0.00	0.00	0.00
1743	**23**	0.00	0.00	0.00	0.00	0.20	24.08	0.20	0.00	0.00	0.00	0.00	0.00
1743	**24**	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.00
1743	**25**	0.00	0.00	2.49	0.20	0.00	0.00	0.00	0.00	0.00	4.78	0.00	0.00
1743	**26**	0.00	0.00	13.00	0.00	8.76	0.00	0.00	0.00	0.00	13.41	18.08	1.07
1743	**27**	0.00	0.00	0.00	0.00	12.34	0.00	0.00	0.00	0.00	11.10	1.47	1.65
1743	**28**	0.00	0.00	0.00	0.56	0.00	0.41	0.00	0.00	0.00	11.30	27.13	0.00
1743	**29**	0.00		15.44	0.00	0.00	0.00	0.00	0.00	0.00	11.84	0.00	2.84
1743	**30**	0.00		7.26	0.00	0.00	0.00	0.00	0.00	0.00	8.13	0.00	0.00
1743	**31**	0.00		0.00		0.00		0.00	0.00		0.00		0.00
1744	**1**	0.00	0.00	0.00	0.66	0.00	5.82	0.00	0.00	25.04	0.00	0.00	0.00
1744	**2**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.28	0.00	0.00	0.00	0.00
1744	**3**	0.15	0.20	0.00	0.00	0.00	0.00	0.00	14.78	0.00	4.52	0.00	0.00
1744	**4**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.93	0.00	0.00
1744	**5**	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	11.30	0.00	0.00
1744	**6**	0.00	0.00	3.20	0.00	0.61	0.00	0.38	0.00	0.00	0.66	1.07	0.00
1744	**7**	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1744	**8**	0.00	0.00	0.00	0.00	2.24	0.00	0.00	0.00	0.00	2.64	0.00	0.00
1744	**9**	0.00	0.00	0.00	11.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1744	**10**	0.00	0.00	0.00	21.74	0.00	8.28	0.00	0.00	11.58	23.16	0.00	0.00
1744	**11**	0.00	0.00	0.00	5.38	8.23	0.00	0.00	1.63	0.00	0.00	0.00	0.00
1744	**12**	0.61	0.00	0.00	0.00	5.33	0.00	0.00	4.67	0.00	0.00	2.18	0.00
1744	**13**	7.82	0.00	18.08	3.43	0.30	0.00	31.65	0.00	0.00	16.97	0.00	8.74
1744	**14**	8.13	0.00	0.00	0.00	1.91	0.00	0.00	0.97	22.61	9.04	0.00	5.54
1744	**15**	1.85	0.00	0.00	27.13	0.64	1.42	0.00	0.00	0.00	0.00	0.00	0.00
1744	**16**	6.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1744	**17**	1.78	28.50	1.42	0.50	0.00	26.57	0.00	0.00	0.00	0.00	0.00	0.00
1744	**18**	1.57	0.00	3.15	0.00	0.00	9.70	27.58	0.00	0.00	0.00	0.00	0.00
1744	**19**	0.00	0.00	6.15	0.86	0.00	0.00	10.72	0.00	0.00	0.00	0.00	0.00
1744	**20**	0.00	0.00	0.00	0.00	2.18	0.00	0.64	0.00	0.00	0.00	13.21	0.00
1744	**21**	0.00	7.87	0.00	0.00	0.30	0.00	0.00	12.37	0.00	0.00	40.69	0.00
1744	**22**	0.00	0.00	11.33	0.00	0.00	0.00	20.07	0.00	0.00	11.30	2.74	0.00
1744	**23**	0.00	0.00	8.64	0.00	0.00	7.47	5.89	0.97	12.29	4.93	0.81	0.00
1744	**24**	0.00	0.00	2.08	8.13	5.28	0.00	0.00	19.48	0.00	0.00	0.00	0.00
1744	**25**	0.00	0.00	0.00	8.79	0.00	0.00	0.00	0.97	10.72	0.00	0.00	0.00
1744	**26**	0.00	0.00	3.81	0.00	9.80	0.00	0.00	0.00	16.36	0.00	0.56	0.00
1744	**27**	0.00	0.00	0.00	14.43	0.00	0.91	0.00	0.00	5.74	0.00	1.42	0.00
1744	**28**	0.00	0.00	0.00	0.00	0.00	0.00	57.53	0.00	0.00	0.00	18.80	0.00
1744	**29**	0.00	0.00	0.00	3.18	0.00	0.00	0.00	0.00	0.00	0.00	13.31	0.00
1744	**30**	0.00		0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00
1744	**31**	0.00		15.80		0.00		12.83	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1745	**1**	0.00	0.00	0.00	0.00	4.62	0.00	0.00	4.17	2.18	0.00	0.00	12.60
1745	**2**	0.00	0.66	0.00	0.00	1.42	0.00	0.00	12.24	0.00	0.00	2.18	0.00
1745	**3**	0.00	22.05	0.00	5.18	9.75	0.00	0.00	0.00	0.00	0.91	5.69	0.00
1745	**4**	0.00	16.31	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1745	**5**	0.00	14.88	1.47	0.00	0.00	4.11	0.00	2.34	0.00	0.00	0.00	0.00
1745	**6**	0.00	6.25	0.00	0.00	3.25	1.40	0.00	0.00	0.00	0.00	11.30	0.15
1745	**7**	0.00	9.60	17.07	0.00	26.97	2.44	0.00	13.72	0.00	0.00	13.67	0.00
1745	**8**	0.00	22.05	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1745	**9**	0.00	0.00	2.74	0.00	0.00	0.00	0.00	0.91	0.41	0.00	7.92	13.77
1745	**10**	0.00	0.36	5.74	3.23	0.97	0.00	0.00	12.14	0.00	0.00	0.00	0.00
1745	**11**	0.00	4.06	2.34	0.00	0.66	3.66	2.41	0.00	0.00	0.00	0.15	0.00
1745	**12**	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	4.17	6.25	0.00
1745	**13**	0.00	0.00	44.65	0.00	5.18	0.20	0.00	0.00	0.00	0.00	7.16	6.02
1745	**14**	0.00	0.00	10.46	0.00	0.66	0.00	0.00	0.00	0.00	24.74	43.69	22.66
1745	**15**	0.00	0.00	0.00	0.00	0.00	8.18	7.26	5.64	8.94	3.99	17.20	23.32
1745	**16**	0.00	5.49	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.71	1.57	6.40
1745	**17**	4.17	5.08	0.00	0.00	10.82	0.00	0.00	0.00	0.00	5.38	0.00	4.62
1745	**18**	4.62	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	22.50
1745	**19**	0.00	0.00	0.00	5.49	0.00	0.86	0.00	1.14	0.00	0.00	19.33	9.91
1745	**20**	0.00	0.00	0.00	0.00	0.00	0.41	21.95	0.00	0.00	9.04	0.00	15.80
1745	**21**	0.00	0.00	0.00	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.33
1745	**22**	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	1.57	0.00	3.00
1745	**23**	0.00	0.00	0.00	19.41	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00
1745	**24**	0.00	0.00	0.00	0.00	0.00	7.32	4.67	3.15	0.00	0.00	0.38	0.00
1745	**25**	0.00	0.00	0.00	23.55	0.00	0.00	0.00	0.00	0.00	0.00	10.87	1.57
1745	**26**	0.00	0.00	0.00	0.00	0.00	0.00	3.51	0.00	0.00	0.00	28.55	11.02
1745	**27**	0.00	0.36	0.00	0.00	17.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1745	**28**	0.00	0.00	0.00	0.00	6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1745	**29**	0.00		0.00	19.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.77
1745	**30**	0.00		0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	33.20	0.00
1745	**31**	0.00		0.00		0.00		21.49	0.00		1.91		3.71
1746	**1**	0.00	0.00	2.69	11.84	0.41	0.00	0.00	0.20	0.00	37.13	12.40	0.00
1746	**2**	0.00	0.00	1.83	0.00	0.00	1.07	0.00	0.00	0.00	22.61	8.18	0.30
1746	**3**	1.42	0.00	0.00	1.83	0.00	0.46	0.00	0.00	0.00	42.21	13.87	2.59
1746	**4**	13.00	0.00	0.56	10.80	6.02	18.34	0.00	0.00	0.00	16.69	0.36	5.51
1746	**5**	12.40	0.00	0.00	0.00	0.00	4.83	0.00	4.57	0.00	9.04	0.00	4.37
1746	**6**	29.39	1.22	0.00	4.98	0.00	3.99	0.00	0.00	0.00	0.00	0.00	0.61
1746	**7**	10.36	0.00	0.00	9.75	0.00	0.00	0.00	0.00	24.87	0.00	0.00	0.00
1746	**8**	0.00	4.19	0.00	0.89	0.00	0.00	0.00	0.00	1.42	0.00	0.00	0.97
1746	**9**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.35	0.00	0.66
1746	**10**	0.00	0.00	5.28	19.23	0.00	45.21	0.00	0.00	0.00	1.93	0.00	0.64
1746	**11**	0.00	0.00	3.12	16.76	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00
1746	**12**	0.00	0.00	11.07	11.05	0.00	0.00	0.00	13.56	39.83	0.00	0.00	0.00
1746	**13**	0.00	0.00	0.00	0.00	0.00	1.65	0.00	1.07	23.37	18.08	0.00	0.00
1746	**14**	0.00	0.00	0.00	0.84	0.00	6.55	0.00	0.00	22.15	0.00	0.00	0.00
1746	**15**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1746	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1746	**17**	0.00	20.32	6.15	4.95	0.00	0.00	0.00	12.04	0.00	0.00	0.00	0.00
1746	**18**	0.00	9.58	0.00	2.18	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00
1746	**19**	0.00	10.62	0.00	1.12	0.00	0.00	0.00	0.00	0.00	9.75	0.00	0.00
1746	**20**	7.80	0.00	1.57	19.79	1.17	0.00	0.00	0.00	0.00	1.32	0.20	0.00
1746	**21**	0.00	0.15	22.96	5.49	0.00	28.45	0.00	0.00	0.00	0.30	0.00	0.00
1746	**22**	0.00	7.32	0.00	0.56	0.00	7.52	0.91	0.00	0.00	12.29	13.28	0.00
1746	**23**	0.00	14.33	0.00	0.00	2.46	0.00	0.00	0.00	0.00	0.00	0.46	0.00
1746	**24**	0.00	13.59	0.00	9.04	0.64	1.42	0.00	0.00	0.00	1.47	1.17	27.13
1746	**25**	0.00	0.00	0.00	0.61	4.67	1.12	7.16	0.00	0.00	2.84	0.00	2.95
1746	**26**	0.00	0.00	0.00	0.00	0.00	22.73	2.74	0.00	0.38	0.00	2.54	0.00
1746	**27**	0.00	0.00	0.00	27.05	0.00	1.65	0.00	0.00	0.61	0.00	3.94	0.00
1746	**28**	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	2.59	0.00	0.00	0.00
1746	**29**	0.00		0.00	20.35	0.00	0.20	0.00	14.61	0.00	0.00	0.00	0.00
1746	**30**	0.00		0.00	0.00	0.00	0.00	0.00	18.08	0.00	12.40	0.00	0.00
1746	**31**	0.00		0.00		0.00		0.00	0.00		9.07		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1747	**1**	0.00	0.00	11.02	0.36	0.00	0.00	0.00	0.23	0.00	13.51	0.00	0.00
1747	**2**	0.00	0.00	0.66	1.42	0.00	0.00	0.00	0.00	0.00	6.43	0.00	0.00
1747	**3**	0.00	14.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1747	**4**	0.00	0.00	0.00	2.69	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00
1747	**5**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.43	0.00	0.00
1747	**6**	0.00	0.00	0.00	0.00	0.00	2.87	0.00	0.00	0.00	5.26	0.00	0.00
1747	**7**	0.00	0.00	0.00	0.00	5.26	0.00	0.00	6.86	0.00	0.00	0.00	0.00
1747	**8**	0.20	0.00	0.00	0.00	0.00	2.13	0.71	0.00	0.00	0.00	0.00	0.00
1747	**9**	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00
1747	**10**	0.00	0.00	0.00	8.13	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.00
1747	**11**	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	6.25
1747	**12**	0.00	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42
1747	**13**	0.00	0.00	0.00	0.00	0.00	0.94	2.84	0.00	0.00	0.00	0.00	0.00
1747	**14**	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.20	0.00	1.14
1747	**15**	0.00	0.00	1.17	0.00	5.59	0.00	0.71	0.00	0.00	0.00	0.00	0.00
1747	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	6.02	0.00	0.00	0.00
1747	**17**	0.00	0.00	0.00	0.00	2.16	0.00	43.23	0.91	2.69	0.00	0.00	2.03
1747	**18**	0.00	0.00	0.00	0.00	0.00	0.00	3.35	12.95	4.67	0.00	0.00	0.00
1747	**19**	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	22.40	0.00	0.00	0.00
1747	**20**	0.30	0.00	1.14	53.44	0.91	0.00	0.00	0.00	0.89	0.00	0.00	0.00
1747	**21**	0.97	0.46	1.42	1.93	2.41	0.00	0.00	0.00	0.00	0.00	0.00	5.79
1747	**22**	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.00	0.66	0.00	0.00	16.89
1747	**23**	1.70	0.00	0.00	1.12	0.00	0.00	2.16	6.81	2.62	0.00	0.00	18.52
1747	**24**	0.00	0.00	11.30	0.00	1.22	0.00	1.47	14.66	0.00	0.00	0.00	4.65
1747	**25**	0.00	0.20	0.00	2.18	0.00	5.46	0.00	8.81	18.08	0.00	0.00	0.94
1747	**26**	0.00	13.72	0.00	0.00	0.00	0.00	0.00	0.00	3.73	0.00	0.00	0.00
1747	**27**	0.97	2.59	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	6.86
1747	**28**	13.11	21.77	0.00	0.00	0.00	0.00	0.00	16.31	0.00	0.00	0.00	0.00
1747	**29**	0.00		17.93	0.00	0.00	0.00	0.00	0.00	47.47	0.00	1.42	0.00
1747	**30**	0.00		2.11	0.00	0.00	0.00	2.72	0.00	1.27	0.00	0.00	0.00
1747	**31**	10.85		5.03		16.00		0.00	0.00		0.00		0.00
1748	**1**	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.97	0.00
1748	**2**	0.00	0.46	5.97	0.00	0.00	2.44	25.60	8.84	6.50	0.00	16.76	0.00
1748	**3**	0.00	5.59	0.00	0.00	0.00	27.13	0.66	0.00	0.00	0.00	20.62	0.00
1748	**4**	0.00	0.00	0.00	0.00	0.00	13.06	0.00	0.00	1.65	9.65	4.57	0.00
1748	**5**	0.00	0.00	1.73	0.00	0.00	24.77	0.00	0.00	0.00	1.70	9.27	0.00
1748	**6**	0.00	23.27	0.89	0.00	0.00	28.40	0.00	0.00	0.00	0.00	18.92	0.00
1748	**7**	0.00	0.00	1.07	0.00	0.00	1.07	0.00	0.00	0.00	0.00	22.66	0.00
1748	**8**	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	32.56	0.00
1748	**9**	0.10	0.00	0.00	0.61	0.00	0.00	7.82	0.00	0.00	0.00	2.39	0.00
1748	**10**	0.20	0.00	0.00	12.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1748	**11**	0.00	0.00	0.00	1.22	0.00	20.62	49.15	0.00	0.00	0.00	0.00	0.00
1748	**12**	0.00	0.00	0.00	0.00	0.00	0.00	7.77	36.73	0.00	0.00	0.00	0.00
1748	**13**	0.00	0.00	0.00	0.00	0.00	0.00	1.68	11.73	0.00	0.00	0.41	0.00
1748	**14**	2.08	0.00	0.00	18.39	7.77	0.00	0.00	0.00	18.67	0.00	0.64	0.00
1748	**15**	18.39	0.00	0.00	1.37	0.00	0.20	0.00	0.00	61.04	0.00	0.41	0.00
1748	**16**	0.00	0.00	6.35	11.61	0.00	0.10	2.79	0.00	11.58	0.00	0.00	0.00
1748	**17**	0.00	0.00	3.10	24.89	0.00	0.00	0.00	23.29	4.22	0.00	0.00	0.00
1748	**18**	0.00	0.00	0.00	0.00	0.00	0.00	7.77	1.83	31.60	0.00	0.00	0.00
1748	**19**	0.00	0.00	0.00	0.00	0.00	0.00	9.70	0.00	1.65	0.00	1.42	0.00
1748	**20**	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	6.78	0.00	0.00	0.00
1748	**21**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.71	0.00	1.57
1748	**22**	0.00	2.64	0.00	2.13	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00
1748	**23**	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.08	0.00	0.00
1748	**24**	0.00	14.33	0.71	0.00	44.78	0.00	0.00	0.00	0.00	1.22	0.00	0.00
1748	**25**	0.00	5.26	0.30	12.29	0.00	0.00	0.00	0.00	0.00	1.70	0.00	8.79
1748	**26**	0.00	1.40	6.35	0.66	13.67	0.00	0.00	0.00	0.00	0.00	0.00	5.28
1748	**27**	1.32	2.18	2.13	0.20	10.82	0.00	0.00	0.00	0.00	18.08	0.00	0.00
1748	**28**	0.00	0.00	0.00	0.00	0.00	13.87	0.00	22.96	0.00	2.44	0.00	0.00
1748	**29**	0.00	0.00	8.18	28.45	0.00	4.78	8.99	1.22	0.00	0.00	0.00	0.00
1748	**30**	0.00		2.69	0.00	0.00	2.13	0.00	0.41	0.00	0.00	0.00	0.00
1748	**31**	0.00		4.65		0.00		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1749	1	0.00	0.00	0.00	0.00	0.46	0.00	0.00	22.05	0.00	0.00	0.00	0.00
1749	2	0.00	0.00	0.00	8.18	0.00	0.00	0.00	11.48	0.00	0.00	0.00	0.00
1749	3	1.27	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
1749	4	0.00	0.00	0.00	0.00	0.00	58.27	2.36	0.00	0.00	0.00	0.00	0.00
1749	5	0.56	0.00	0.00	0.00	0.00	0.46	0.66	0.00	20.62	0.00	0.66	0.00
1749	6	3.45	0.00	0.66	0.00	0.00	16.00	0.00	10.03	1.32	0.00	22.05	0.00
1749	7	0.00	12.09	3.43	13.77	0.00	9.53	0.00	0.00	0.00	0.00	17.15	0.00
1749	8	13.77	0.71	5.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.90	0.00
1749	9	0.46	0.00	0.00	0.00	0.00	12.85	0.00	0.00	0.00	0.00	9.25	0.00
1749	10	0.81	0.00	0.81	10.57	0.00	11.23	0.00	0.00	0.00	0.00	0.00	0.15
1749	11	0.00	0.00	0.00	0.89	0.00	12.57	0.00	2.41	0.00	0.00	9.96	0.00
1749	12	0.00	0.00	0.00	7.47	0.00	40.84	0.00	9.53	0.00	0.00	1.47	0.00
1749	13	0.00	0.15	0.00	11.07	11.33	0.66	0.00	8.97	0.00	0.00	0.00	0.00
1749	14	0.00	27.13	0.00	0.00	12.14	0.20	0.00	0.00	0.00	3.96	0.00	0.00
1749	15	0.00	15.11	0.00	4.70	0.00	12.07	0.00	0.97	0.00	0.00	0.00	0.00
1749	16	0.00	16.36	0.00	9.60	9.96	1.42	0.00	0.00	0.00	0.00	0.00	0.00
1749	17	0.00	3.30	0.00	8.03	22.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1749	18	0.00	0.00	0.00	17.98	0.00	0.97	0.00	0.00	26.31	0.00	0.00	0.00
1749	19	13.46	0.00	0.00	8.79	52.43	0.00	5.33	0.00	1.83	0.00	0.00	0.00
1749	20	0.00	0.00	0.41	11.61	1.17	0.00	0.81	0.00	0.00	10.87	0.00	0.00
1749	21	0.66	0.00	0.00	0.00	0.00	0.64	0.00	0.00	5.99	0.00	0.00	0.00
1749	22	0.00	0.00	0.00	0.00	0.00	22.30	0.66	0.00	0.00	0.00	0.00	2.08
1749	23	22.05	0.00	0.00	0.00	0.00	1.37	0.00	0.00	0.20	0.00	0.00	0.00
1749	24	0.00	0.00	0.00	11.18	0.00	0.00	0.00	18.08	0.00	0.00	0.00	0.00
1749	25	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.30	0.00	0.00
1749	26	0.00	0.00	0.00	0.00	0.00	2.08	0.00	7.49	0.00	0.00	0.00	0.00
1749	27	7.29	0.00	0.00	0.00	0.00	8.03	0.00	13.79	0.00	0.00	0.00	0.00
1749	28	0.00	0.00	0.64	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.86
1749	29	0.00		0.64	0.00	0.00	3.71	0.00	0.00	0.00	1.70	0.00	0.00
1749	30	0.97		16.97	0.00	0.00	0.00	0.00	0.00	0.00	7.49	0.00	0.00
1749	31	0.00		14.78		7.01		0.00	0.00		0.00		0.00
1750	1	0.10	0.00	0.00	0.00	0.38	1.83	0.00	11.43	0.00	0.00	0.00	0.00
1750	2	0.00	0.00	0.00	0.66	0.97	24.77	0.00	0.00	0.00	0.00	0.56	26.82
1750	3	0.00	0.00	0.00	0.00	1.47	0.00	9.55	0.00	0.00	0.00	4.57	22.15
1750	4	1.83	0.00	0.00	0.00	7.42	0.94	0.00	15.90	0.00	0.00	15.04	8.74
1750	5	1.65	0.00	0.00	0.00	0.00	0.00	18.29	2.74	0.00	0.00	23.57	0.15
1750	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.00	0.64
1750	7	0.00	0.00	0.00	25.30	0.00	0.00	0.00	0.94	0.00	0.00	12.32	0.00
1750	8	0.00	0.00	0.00	11.02	23.19	0.00	0.00	17.53	0.00	0.00	9.02	0.30
1750	9	0.00	0.00	0.00	0.00	22.05	0.00	39.07	0.00	0.00	0.00	0.00	0.00
1750	10	0.00	0.00	0.00	22.33	10.92	0.00	1.42	0.00	0.00	0.00	0.00	0.00
1750	11	0.00	0.00	0.00	0.41	41.07	0.00	10.34	0.00	0.00	0.00	0.00	0.00
1750	12	0.00	0.00	0.00	0.81	0.81	0.00	0.00	0.00	0.00	0.00	15.57	8.81
1750	13	0.00	0.00	0.00	0.00	0.41	1.98	0.00	0.00	0.00	0.00	2.46	0.00
1750	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00
1750	15	2.44	0.00	0.00	10.31	0.00	0.00	0.00	0.00	0.00	0.00	12.57	0.46
1750	16	18.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	1.42
1750	17	12.24	6.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	1.14
1750	18	0.00	0.00	0.00	0.00	15.65	0.00	17.17	0.00	0.00	18.29	0.00	0.00
1750	19	0.00	0.00	0.00	0.00	23.47	0.00	0.00	0.00	0.00	38.91	0.00	0.00
1750	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16	0.00	0.00
1750	21	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	34.72	0.00	0.00
1750	22	16.46	0.00	0.00	0.00	0.20	0.00	0.00	1.14	0.00	0.00	0.00	0.00
1750	23	0.00	0.00	1.07	23.98	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00
1750	24	0.00	0.00	0.00	12.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1750	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00
1750	26	0.00	0.00	0.00	0.00	0.46	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1750	27	0.00	0.00	0.00	10.36	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1750	28	0.00	0.00	0.00	5.97	0.00	0.00	0.00	0.00	11.43	7.92	0.00	0.00
1750	29	0.00		1.42	1.22	0.00	6.86	0.00	0.00	0.86	2.16	0.00	0.00
1750	30	0.00		0.64	1.42	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00
1750	31	0.00		0.00		0.00		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1751	**1**	0.00	9.07	0.00	0.46	0.30	0.00	0.00	0.00	0.00	1.17	0.00	0.71
1751	**2**	0.00	11.94	0.00	0.00	0.76	0.00	0.00	0.00	0.00	2.69	0.00	1.57
1751	**3**	0.00	12.34	0.00	0.00	0.00	5.72	0.56	0.00	23.47	71.50	0.00	0.00
1751	**4**	0.00	21.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.73	0.00	0.00
1751	**5**	0.00	0.00	7.57	0.00	9.19	4.98	6.78	0.00	0.00	32.16	3.86	0.00
1751	**6**	0.56	0.00	1.70	19.41	8.53	0.00	16.33	15.39	0.00	0.00	5.18	0.00
1751	**7**	0.41	0.41	0.00	0.91	0.00	0.00	0.00	0.33	0.00	0.86	11.81	1.93
1751	**8**	0.23	8.08	0.00	0.00	3.68	6.96	0.00	0.00	0.00	0.00	12.19	0.46
1751	**9**	0.33	2.34	0.00	0.00	5.99	0.00	0.00	0.00	0.00	1.07	0.91	0.00
1751	**10**	0.00	0.00	0.00	6.53	0.00	0.00	0.00	0.00	0.00	0.69	0.36	0.00
1751	**11**	0.00	0.00	11.61	16.89	0.00	0.00	2.95	0.05	0.00	52.17	0.00	0.00
1751	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44	23.47	0.00
1751	**13**	0.18	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	**14**	12.19	0.00	0.00	6.30	0.00	0.00	0.00	0.00	0.00	36.20	0.00	0.00
1751	**15**	0.00	0.30	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	1.88
1751	**16**	0.23	19.46	0.00	15.82	1.98	0.00	0.00	7.77	0.00	0.00	0.00	3.25
1751	**17**	0.64	13.26	0.38	0.89	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1751	**18**	0.00	5.38	8.69	31.65	9.55	0.00	0.00	0.00	0.00	0.15	0.00	0.00
1751	**19**	0.00	0.00	2.44	0.00	1.60	0.00	0.00	0.00	0.00	0.71	0.00	14.43
1751	**20**	0.00	0.00	0.00	26.62	10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	**21**	5.89	0.00	0.00	0.00	10.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	**22**	0.00	0.00	0.00	0.94	0.00	0.97	37.49	0.00	0.00	20.93	0.00	0.00
1751	**23**	0.00	0.00	0.00	0.00	0.15	22.61	0.00	0.00	0.00	0.00	0.00	0.00
1751	**24**	0.56	4.42	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00
1751	**25**	0.97	23.77	0.00	10.16	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	**26**	0.00	22.81	0.00	11.63	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	**27**	0.00	6.22	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86
1751	**28**	0.00	0.00	0.00	2.41	0.00	1.83	0.00	0.00	0.00	0.00	0.81	2.49
1751	**29**	0.00		0.00	0.00	0.00	0.00	23.42	0.00	0.00	0.00	20.27	0.66
1751	**30**	0.00		0.18	0.00	0.00	45.31	9.55	6.10	0.00	0.00	0.00	0.46
1751	**31**	5.99		0.00		0.00		0.10	0.00		0.00		0.10
1752	**1**	0.00	27.79	0.00	20.40	0.00	0.00	1.22	1.14	0.00	0.00	0.00	0.00
1752	**2**	0.00	0.41	0.00	1.32	0.00	0.00	1.42	14.63	0.00	0.00	0.00	0.00
1752	**3**	0.71	21.69	0.00	0.00	2.64	9.07	0.94	0.00	0.00	25.86	0.00	0.00
1752	**4**	0.00	0.20	0.00	30.86	0.00	0.00	0.20	0.00	0.00	0.38	0.00	0.00
1752	**5**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	**6**	0.00	0.66	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	**7**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	**8**	0.00	0.00	0.00	19.94	18.16	0.71	0.00	0.00	0.00	0.00	0.00	0.00
1752	**9**	7.54	0.00	0.00	14.68	3.15	0.00	0.00	0.00	0.00	0.00	14.81	0.00
1752	**10**	0.86	0.00	0.00	0.00	13.13	0.00	0.00	0.00	0.00	0.00	10.87	0.00
1752	**11**	0.00	0.00	0.00	0.00	0.86	17.07	0.00	42.11	0.00	0.00	12.37	0.00
1752	**12**	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.20
1752	**13**	0.00	23.55	0.00	0.00	0.00	0.00	18.95	21.01	0.00	0.00	0.00	5.49
1752	**14**	0.00	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	**15**	0.00	2.84	0.00	0.00	3.18	0.00	0.00	54.25	0.00	0.00	0.00	0.00
1752	**16**	0.00	2.11	0.00	0.00	17.17	0.00	31.09	0.71	0.00	0.00	0.00	0.15
1752	**17**	0.00	2.95	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	**18**	0.00	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00	0.20	0.00
1752	**19**	0.00	0.00	0.00	0.00	0.20	0.00	15.32	0.00	0.00	0.00	14.55	0.00
1752	**20**	0.00	3.43	0.00	1.17	0.00	0.00	18.49	1.45	0.00	0.00	0.00	0.00
1752	**21**	13.11	0.00	0.00	0.89	0.00	0.00	0.41	37.21	0.00	0.00	0.00	0.41
1752	**22**	11.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	25.96
1752	**23**	0.00	13.28	0.00	11.05	0.00	0.61	0.00	1.78	0.00	0.00	0.97	1.22
1752	**24**	0.56	5.51	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00
1752	**25**	17.09	0.00	11.84	0.00	24.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	**26**	7.57	0.30	0.00	1.37	21.44	0.00	26.01	15.60	0.00	0.00	0.00	0.00
1752	**27**	11.33	0.00	0.00	20.22	0.69	0.00	8.79	0.00	0.00	0.00	0.00	0.86
1752	**28**	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.00	20.96
1752	**29**	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	**30**	0.00		0.00	0.00	0.00	8.53	10.01	0.00	17.17	0.00	0.00	0.00
1752	**31**	0.00		21.74		0.00		0.94	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1753	**1**	0.10	0.00	25.96	0.58	0.00	0.00	0.00	0.00	18.08	0.00	0.00	13.00
1753	**2**	0.00	1.93	0.97	12.70	0.00	0.00	1.35	0.00	22.33	0.00	0.86	1.70
1753	**3**	11.84	0.41	0.00	13.28	0.00	0.00	22.50	0.00	13.34	0.00	0.00	0.00
1753	**4**	16.10	15.82	0.00	14.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1753	**5**	0.30	27.86	0.00	1.68	0.71	0.00	0.00	1.73	0.00	0.00	1.42	0.00
1753	**6**	0.00	18.85	20.75	3.25	0.00	1.12	0.00	0.00	0.91	0.00	45.21	0.66
1753	**7**	0.00	8.05	14.27	7.21	0.56	0.20	0.00	0.00	0.00	0.00	16.69	0.20
1753	**8**	0.00	7.34	0.00	0.00	0.00	0.00	0.00	0.00	41.66	0.00	21.79	0.00
1753	**9**	0.00	15.44	0.00	2.44	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1753	**10**	0.00	0.00	0.00	35.36	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
1753	**11**	0.00	0.20	0.00	0.97	0.00	12.24	0.00	9.04	0.00	0.00	0.00	0.00
1753	**12**	0.00	7.47	0.00	0.00	19.20	0.00	0.00	8.76	0.00	0.00	0.00	0.00
1753	**13**	0.20	0.66	0.00	0.00	18.29	0.00	0.00	0.00	0.00	0.20	2.64	0.00
1753	**14**	0.30	1.91	0.00	0.00	12.32	9.55	0.00	0.00	0.00	0.38	0.00	0.00
1753	**15**	0.74	0.00	0.00	0.61	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
1753	**16**	0.00	0.00	0.00	0.00	2.64	0.00	1.83	0.00	0.00	0.64	1.98	0.00
1753	**17**	38.00	0.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	22.28	0.61	0.00
1753	**18**	22.05	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	5.49
1753	**19**	0.15	0.64	0.00	0.00	0.00	5.72	6.76	0.00	1.45	0.66	1.22	1.14
1753	**20**	1.37	0.00	0.00	0.00	0.00	0.00	28.78	3.45	0.00	7.72	4.37	0.84
1753	**21**	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	2.41	0.00
1753	**22**	0.00	0.00	0.00	0.00	0.00	22.30	0.00	0.00	0.00	8.31	0.00	0.00
1753	**23**	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	2.11	0.00	0.18
1753	**24**	0.00	0.00	0.00	0.00	0.00	3.15	0.00	0.00	0.00	18.52	0.00	0.00
1753	**25**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1753	**26**	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.00	0.00	29.41	0.00	0.00
1753	**27**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.64	0.00
1753	**28**	0.00	0.64	0.00	0.56	0.00	0.00	0.00	0.61	0.00	1.47	27.61	0.00
1753	**29**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	12.07	0.00
1753	**30**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.72	2.08	0.91
1753	**31**	0.00		0.00		0.00		22.50	22.61		1.98		11.30
1754	**1**	0.00	0.00	0.00	0.00	0.00	0.00	18.08	0.36	8.18	0.00	0.00	0.00
1754	**2**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34	0.00	6.30	0.00
1754	**3**	0.00	0.30	0.00	0.18	0.97	0.00	0.00	0.58	0.00	0.00	2.64	0.00
1754	**4**	0.00	0.64	0.00	0.00	0.00	0.30	15.44	1.07	0.00	0.00	2.59	0.00
1754	**5**	0.00	0.97	0.00	0.00	2.08	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1754	**6**	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	9.35	0.00	0.00	0.00
1754	**7**	0.64	37.24	0.00	0.00	0.91	0.00	0.00	0.00	0.00	6.50	0.00	12.09
1754	**8**	6.91	0.33	0.00	0.00	40.69	0.00	0.00	0.00	0.00	0.00	0.00	2.26
1754	**9**	0.46	0.00	0.36	0.20	14.73	0.00	0.00	0.00	0.00	0.00	14.27	0.00
1754	**10**	0.00	0.00	0.15	0.00	3.23	0.00	0.00	1.91	0.00	0.20	1.98	0.00
1754	**11**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	11.84	0.00
1754	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.65	0.00
1754	**13**	0.00	15.29	0.00	2.34	0.00	0.00	0.00	0.00	2.74	0.00	0.84	0.00
1754	**14**	1.17	0.00	9.75	0.00	0.00	3.10	7.26	0.00	0.41	0.00	0.00	0.00
1754	**15**	0.81	0.00	1.17	0.00	0.00	0.00	0.56	0.00	0.64	0.00	2.39	1.65
1754	**16**	0.30	0.00	0.00	0.00	0.00	0.00	6.78	0.00	0.00	0.00	0.00	18.36
1754	**17**	0.00	0.00	5.46	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00
1754	**18**	0.00	0.00	0.00	0.00	0.00	5.28	0.00	0.00	0.00	0.00	0.00	0.00
1754	**19**	0.00	0.00	0.00	3.20	0.00	12.52	0.00	0.00	0.00	0.00	0.00	0.00
1754	**20**	0.00	0.00	0.00	0.89	3.10	2.95	4.47	37.59	0.00	0.00	0.00	0.00
1754	**21**	0.00	0.00	0.86	0.00	1.37	21.46	0.00	0.00	0.00	0.00	0.00	0.00
1754	**22**	0.00	0.00	15.04	0.00	11.84	4.47	0.00	1.19	0.00	0.00	0.00	0.00
1754	**23**	0.00	0.00	18.44	0.10	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1754	**24**	2.39	0.00	28.96	0.00	19.71	0.00	0.00	0.00	0.00	0.00	2.74	0.00
1754	**25**	1.14	0.00	14.81	0.00	0.91	0.00	2.21	0.00	0.00	0.00	1.17	0.00
1754	**26**	2.34	0.00	0.00	0.00	0.00	0.00	0.00	27.94	0.00	12.14	13.56	0.00
1754	**27**	1.98	0.00	0.00	0.00	0.00	21.16	0.00	3.71	0.00	5.08	3.51	0.00
1754	**28**	0.53	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	4.75	0.00	0.00
1754	**29**	0.15		0.00	0.00	24.31	0.00	1.63	0.00	0.00	2.49	0.41	3.35
1754	**30**	0.20		0.46	0.00	26.29	0.00	0.00	0.00	0.00	2.36	0.00	0.20
1754	**31**	0.00		0.91		1.73		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1755	**1**	0.00	0.00	7.01	0.00	0.00	0.00	1.93	0.00	0.38	0.00	0.00	32.46
1755	**2**	0.00	0.00	2.95	0.00	0.00	0.00	7.92	0.00	0.25	38.00	0.00	0.00
1755	**3**	0.00	0.00	0.00	0.00	0.00	0.00	18.92	0.00	0.00	21.72	0.00	0.00
1755	**4**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.67	0.00	0.81	2.92	6.40
1755	**5**	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.79	5.49
1755	**6**	0.00	5.49	29.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.32	0.00
1755	**7**	0.00	0.36	5.92	0.00	9.80	0.00	27.13	0.00	0.00	0.00	0.00	0.00
1755	**8**	0.00	2.44	4.88	0.00	10.21	0.30	45.21	0.00	0.00	0.00	7.24	0.00
1755	**9**	0.00	0.00	1.70	0.00	0.00	40.13	18.69	0.00	0.00	0.00	32.56	0.00
1755	**10**	0.00	2.24	25.20	0.00	0.00	0.00	0.00	1.32	19.91	0.00	10.08	0.00
1755	**11**	0.00	1.07	1.93	0.00	0.00	0.00	0.00	0.00	0.00	1.88	7.24	0.15
1755	**12**	0.00	2.34	1.14	0.00	0.00	0.00	0.00	0.56	0.00	11.58	0.00	1.14
1755	**13**	0.00	11.30	21.89	0.00	0.00	0.00	0.00	5.46	0.00	0.38	0.00	0.00
1755	**14**	14.83	0.00	8.33	0.00	11.73	0.00	0.00	0.00	0.00	0.00	25.10	0.00
1755	**15**	0.00	0.00	0.00	0.00	0.00	12.90	0.00	0.00	0.00	21.67	7.24	0.00
1755	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1755	**17**	0.00	0.00	13.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00
1755	**18**	0.00	0.00	0.00	0.00	6.10	0.00	0.00	0.00	2.13	0.00	2.74	15.29
1755	**19**	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	32.56	38.94	0.41
1755	**20**	0.00	1.65	0.00	0.00	2.36	0.00	0.00	1.27	0.00	0.10	47.02	0.00
1755	**21**	0.10	8.74	0.00	0.00	0.00	0.00	0.46	0.00	19.00	12.62	2.16	0.00
1755	**22**	0.00	7.98	0.00	0.00	0.00	0.00	0.00	0.00	4.06	0.00	0.00	21.72
1755	**23**	0.00	0.00	0.00	0.00	0.00	0.15	0.76	0.00	5.33	0.00	0.38	0.00
1755	**24**	0.00	2.08	0.00	0.00	0.00	11.99	0.00	0.00	5.59	0.00	0.20	0.00
1755	**25**	0.00	0.66	0.00	0.00	0.00	18.16	0.00	0.00	0.00	0.00	0.41	0.00
1755	**26**	0.00	12.01	0.00	0.66	0.00	0.00	5.44	10.92	0.00	7.24	2.16	0.00
1755	**27**	0.00	0.15	0.00	0.00	0.00	0.00	9.55	34.37	0.00	0.00	0.30	0.00
1755	**28**	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.20	0.00	0.00
1755	**29**	0.00		0.00	0.30	0.20	0.00	0.00	0.00	6.60	0.00	0.00	0.00
1755	**30**	0.00		0.00	0.00	0.00	0.00	0.56	6.32	3.45	0.00	10.16	0.20
1755	**31**	0.00		0.00		0.00		2.16	28.96		0.00		0.00
1756	**1**	0.00	0.00	0.00	0.36	2.13	0.20	0.00	0.00	0.00	1.73	0.00	0.00
1756	**2**	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	16.66
1756	**3**	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.15	18.75
1756	**4**	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	1.63	16.38
1756	**5**	0.00	0.00	0.00	6.40	0.00	0.00	12.50	0.00	0.00	0.00	7.29	27.13
1756	**6**	0.00	0.00	0.00	0.00	0.00	0.00	22.23	6.96	0.00	32.56	0.00	0.00
1756	**7**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.75	24.28	0.00	0.00	0.00
1756	**8**	0.00	0.00	0.00	0.00	0.00	2.34	1.78	0.00	31.37	0.00	0.00	0.00
1756	**9**	0.00	0.00	0.00	0.00	0.00	0.00	40.94	0.00	4.27	0.00	0.00	0.00
1756	**10**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1756	**11**	0.00	0.66	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1756	**12**	0.00	0.00	0.66	0.41	0.00	0.00	0.00	0.00	0.00	15.34	0.00	0.00
1756	**13**	4.42	0.00	0.00	0.00	0.00	0.00	32.61	0.00	0.00	0.00	0.00	0.00
1756	**14**	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.45
1756	**15**	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	40.34	0.00	0.00	9.96
1756	**16**	0.00	0.00	0.00	0.00	57.94	0.20	0.00	0.00	12.52	1.68	1.32	14.58
1756	**17**	0.00	0.46	0.00	31.85	0.00	0.00	0.00	2.74	9.04	1.73	12.12	24.33
1756	**18**	0.00	0.56	1.07	0.00	0.00	0.00	0.00	0.66	1.19	1.17	0.20	0.33
1756	**19**	0.00	14.68	13.41	0.00	0.00	0.00	1.32	0.00	0.00	3.25	22.96	0.00
1756	**20**	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	20.93	0.30	1.22	0.00
1756	**21**	0.00	0.00	0.00	0.00	0.15	14.22	0.00	0.00	1.17	0.00	0.00	0.00
1756	**22**	0.00	0.00	0.00	0.00	3.68	2.13	0.00	0.00	0.00	0.00	15.06	3.25
1756	**23**	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	1.27	2.29	12.07	18.44
1756	**24**	0.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	0.00	30.78	13.11	1.32
1756	**25**	0.00	0.00	11.79	0.00	0.00	0.00	0.00	0.00	0.00	12.67	26.54	18.08
1756	**26**	0.00	0.00	2.67	0.00	0.00	0.00	0.76	0.00	0.00	10.85	21.29	5.54
1756	**27**	0.00	0.00	0.30	0.00	3.66	0.00	36.73	15.54	0.00	2.79	0.00	9.04
1756	**28**	0.00	0.00	0.00	0.00	12.14	0.00	0.00	0.00	0.00	0.00	0.00	2.13
1756	**29**	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.64	0.00	0.00	5.21
1756	**30**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00	0.20
1756	**31**	0		0		0.068		0	0		0		0

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1757	**1**	0.20	0.00	0.00	3.25	0.00	1.07	0.00	0.00	0.00	0.00	0.00	1.17
1757	**2**	0.00	5.33	0.00	0.00	0.00	44.81	0.00	0.00	8.13	0.00	0.00	0.33
1757	**3**	0.00	19.99	0.00	0.00	0.00	29.87	0.00	0.00	2.06	0.00	0.00	0.00
1757	**4**	0.00	5.44	1.22	3.61	0.00	15.42	0.00	0.00	14.48	0.00	0.00	0.00
1757	**5**	0.00	0.00	8.28	0.00	0.56	0.00	0.00	0.00	0.00	0.71	0.00	0.64
1757	**6**	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	12.67	23.52	2.13	9.22
1757	**7**	0.00	0.00	0.00	0.00	4.90	0.00	3.15	0.66	0.00	0.00	0.56	0.00
1757	**8**	0.00	0.00	0.00	0.00	29.06	16.41	0.00	22.45	0.00	14.94	0.30	19.91
1757	**9**	0.10	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.64	19.81	0.00	7.42
1757	**10**	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.33
1757	**11**	0.00	0.00	0.00	5.23	0.00	0.00	0.00	0.00	0.00	0.00	4.17	0.30
1757	**12**	0.08	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
1757	**13**	1.73	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00
1757	**14**	12.67	0.00	12.65	0.00	0.00	1.78	0.00	1.42	0.00	0.00	0.00	0.00
1757	**15**	2.44	0.00	0.00	0.00	0.00	0.00	0.00	4.72	0.00	0.00	0.00	3.40
1757	**16**	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.00	0.00	0.00	0.15	3.25
1757	**17**	5.46	0.00	0.00	0.00	14.33	0.00	0.00	0.00	0.00	0.00	0.00	1.65
1757	**18**	9.75	0.00	0.00	0.00	3.20	0.25	9.50	0.00	0.00	0.00	0.00	0.56
1757	**19**	0.56	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
1757	**20**	0.00	0.00	0.00	0.86	0.00	0.00	0.00	0.38	41.61	0.00	0.00	5.59
1757	**21**	0.00	0.00	0.00	0.46	0.00	0.25	0.00	0.64	15.19	0.00	0.00	13.59
1757	**22**	0.00	0.00	0.00	2.64	0.00	0.00	1.65	0.41	30.91	0.00	0.00	0.46
1757	**23**	0.00	0.00	0.00	6.10	0.00	0.00	0.00	0.00	1.14	0.00	1.14	0.00
1757	**24**	0.00	0.00	0.00	0.00	24.71	5.33	0.00	0.00	1.42	9.04	0.00	0.00
1757	**25**	0.97	0.00	0.00	10.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1757	**26**	0.00	0.00	0.00	11.73	0.00	1.65	0.00	12.07	0.00	0.00	0.00	0.00
1757	**27**	0.46	0.00	0.00	0.91	0.00	26.59	0.00	0.00	0.56	0.00	0.71	0.00
1757	**28**	0.10	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1757	**29**	21.72		0.00	0.00	0.00	9.80	0.00	0.00	0.00	0.00	1.63	0.00
1757	**30**	7.24		0.00	0.66	0.00	1.14	0.00	17.27	0.00	0.00	11.00	0.10
1757	**31**	9.04		0.00		0.00		0.00	9.04		0.00		0.15
1758	**1**	2.34	0.00	0.00	0.00	51.99	0.00	0.00	2.34	0.00	0.00	25.60	3.20
1758	**2**	1.17	0.00	10.72	0.00	7.24	7.01	0.10	3.40	0.00	0.00	0.18	1.91
1758	**3**	0.84	0.00	30.81	0.00	0.00	3.15	3.25	4.52	0.00	0.00	0.58	5.23
1758	**4**	0.36	0.00	1.42	0.64	0.00	2.39	6.40	0.00	2.44	0.00	0.30	10.11
1758	**5**	0.15	0.00	1.07	0.00	0.00	0.00	0.20	0.00	0.20	0.00	1.78	36.37
1758	**6**	0.56	1.83	0.97	0.00	0.00	0.00	4.42	2.18	0.00	0.00	0.00	5.74
1758	**7**	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.76
1758	**8**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1758	**9**	0.00	0.00	0.00	0.00	0.56	0.00	7.52	0.00	2.39	0.30	0.00	0.00
1758	**10**	0.00	0.00	0.00	1.91	0.00	0.00	0.00	0.00	0.41	1.17	0.00	0.00
1758	**11**	0.00	2.64	0.00	0.00	0.00	0.00	8.23	1.65	0.00	0.10	0.00	0.00
1758	**12**	0.00	0.00	0.10	0.00	4.57	0.00	0.00	10.82	0.00	0.97	0.00	4.52
1758	**13**	9.98	0.00	0.00	0.00	2.24	0.00	0.00	0.00	0.00	0.15	1.14	0.00
1758	**14**	0.00	0.00	0.00	43.03	0.00	0.00	0.00	3.71	0.41	0.00	3.18	0.00
1758	**15**	0.00	0.00	0.00	26.57	0.15	5.94	0.05	1.83	0.30	3.71	22.76	0.00
1758	**16**	0.00	0.00	0.00	8.08	0.00	0.41	0.00	0.00	10.87	11.99	0.30	0.00
1758	**17**	0.30	0.00	0.05	0.56	0.00	0.00	0.00	4.60	3.96	18.42	3.45	0.00
1758	**18**	0.00	0.00	0.20	0.00	0.00	19.61	32.11	1.93	4.06	4.78	2.13	0.00
1758	**19**	0.00	0.00	6.93	0.00	0.00	53.49	5.28	0.00	0.00	0.15	0.00	0.00
1758	**20**	21.34	0.00	1.47	0.00	0.00	1.73	4.88	0.00	0.41	0.00	11.38	0.15
1758	**21**	0.36	14.48	0.81	0.00	0.00	3.15	0.00	0.00	0.00	0.00	9.70	7.32
1758	**22**	0.30	3.71	0.00	0.00	0.00	0.00	0.00	0.00	45.21	0.00	0.00	2.64
1758	**23**	0.20	19.25	0.13	7.01	0.00	0.00	0.00	0.00	18.08	26.82	0.00	0.66
1758	**24**	0.00	20.80	14.88	3.40	16.10	0.00	0.00	0.00	0.00	4.57	0.00	0.00
1758	**25**	0.00	4.11	3.35	0.18	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
1758	**26**	0.00	0.00	0.00	1.85	0.00	8.03	0.00	0.00	0.00	12.60	0.00	0.00
1758	**27**	0.00	0.00	0.00	0.00	13.61	0.00	0.00	0.00	0.00	8.79	0.00	0.00
1758	**28**	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00
1758	**29**	0.00		0.00	18.08	0.00	50.09	0.00	0.00	0.00	0.00	49.15	0.00
1758	**30**	0.00		0.00	16.64	0.13	0.00	0.00	0.00	0.00	0.00	27.33	0.00
1758	**31**	0.00		0.00		3.61		4.47	0.00		1.57		0.86

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1759	**1**	0.00	0.00	0.00	0.30	0.00	0.00	4.14	4.37	0.00	0.00	0.00	9.02
1759	**2**	0.00	0.00	0.00	14.63	4.42	0.00	4.88	0.41	0.00	0.00	0.00	47.04
1759	**3**	0.00	0.00	0.64	32.82	0.00	0.10	0.15	14.43	0.00	0.00	0.00	9.50
1759	**4**	0.00	0.00	0.00	2.84	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
1759	**5**	0.00	0.00	0.30	0.20	0.00	6.50	0.00	0.00	0.00	0.00	0.00	0.00
1759	**6**	3.40	0.00	0.00	17.25	0.00	0.00	0.00	0.00	0.00	0.00	4.62	2.18
1759	**7**	0.00	0.00	15.14	0.00	13.36	3.12	0.00	0.00	0.00	0.00	12.34	2.92
1759	**8**	0.00	0.00	24.18	0.00	17.35	2.44	0.00	0.00	0.00	0.00	1.65	0.00
1759	**9**	0.00	0.00	3.76	0.00	11.23	3.56	0.00	0.00	0.00	0.00	0.00	0.00
1759	**10**	0.00	0.00	5.23	0.00	17.98	0.00	0.00	0.00	0.00	0.00	2.44	0.00
1759	**11**	0.00	0.00	8.33	6.25	0.89	0.00	0.00	0.00	0.00	0.00	0.00	7.52
1759	**12**	0.00	0.00	0.00	0.00	12.52	0.91	0.00	0.30	12.19	0.00	2.97	17.32
1759	**13**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.65	0.00	0.00
1759	**14**	0.00	0.00	0.00	3.86	0.00	11.23	0.00	0.00	0.00	0.00	0.00	22.45
1759	**15**	0.00	0.00	0.00	15.85	0.00	0.00	0.00	0.00	2.95	4.06	0.00	0.89
1759	**16**	0.00	0.00	0.00	3.30	0.00	0.00	0.00	0.00	0.86	7.77	0.00	0.00
1759	**17**	0.00	0.00	4.70	0.00	0.00	0.00	4.27	0.00	0.00	0.00	0.00	0.00
1759	**18**	0.00	0.00	0.00	0.00	9.50	0.00	5.72	0.00	0.00	0.00	0.00	0.00
1759	**19**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.89	0.00	5.23
1759	**20**	3.61	0.00	0.00	0.00	0.00	0.00	0.00	11.58	0.00	0.00	9.04	11.48
1759	**21**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.42	0.30	0.00	45.52	9.75
1759	**22**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.66
1759	**23**	0.00	0.15	0.00	0.00	0.00	0.08	0.00	0.00	18.67	0.00	0.00	0.00
1759	**24**	0.00	14.53	0.00	0.00	0.00	0.00	0.00	0.00	30.68	0.00	0.00	1.07
1759	**25**	0.00	10.80	0.00	0.00	0.00	0.00	4.37	0.00	3.61	0.00	0.00	0.00
1759	**26**	0.00	0.36	0.00	0.00	0.00	0.00	3.43	0.30	1.88	42.95	0.00	3.51
1759	**27**	0.00	4.14	0.00	0.00	0.00	3.20	0.00	12.04	0.00	6.22	0.00	4.42
1759	**28**	0.00	2.39	0.00	12.09	0.15	0.00	1.27	0.00	0.00	10.46	0.00	0.15
1759	**29**	0.00		0.00	0.41	4.37	0.00	0.00	0.00	0.00	0.00	12.04	0.00
1759	**30**	0.00		0.00	0.00	0.00	0.00	6.91	0.00	0.00	0.30	31.39	15.54
1759	**31**	0.00		0.41		0.00		0.00	0.00		0.00		12.67
1760	**1**	25.04	0.00	0.00	0.00	0.30	0.00	0.00	0.56	0.00	0.00	1.63	0.00
1760	**2**	6.40	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1760	**3**	0.00	0.00	7.21	0.00	0.00	0.00	0.00	0.00	8.53	0.00	0.38	0.00
1760	**4**	0.00	0.00	5.49	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00
1760	**5**	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.20	0.00	0.64	0.00
1760	**6**	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	0.00	10.87	0.00	0.00
1760	**7**	24.08	0.00	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00
1760	**8**	6.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00
1760	**9**	8.18	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	21.79	0.00
1760	**10**	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	24.79	0.00
1760	**11**	0.00	0.00	0.36	0.00	0.00	0.64	39.83	0.00	0.00	0.00	20.88	0.00
1760	**12**	0.00	0.00	0.00	0.00	0.66	0.00	23.42	0.00	0.00	0.00	11.05	0.00
1760	**13**	27.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.41	0.00
1760	**14**	0.41	0.00	0.00	0.00	0.00	0.20	0.00	0.00	2.44	0.00	0.33	0.00
1760	**15**	11.02	0.00	0.00	37.29	0.00	0.08	0.00	0.00	0.00	0.00	63.20	0.00
1760	**16**	0.00	0.00	0.00	0.00	0.00	17.12	0.00	0.00	0.00	0.00	0.66	0.00
1760	**17**	0.00	17.07	0.00	0.00	0.00	7.52	0.00	42.09	0.00	0.00	0.00	0.00
1760	**18**	0.00	28.83	3.10	0.00	0.00	0.00	0.00	0.41	8.00	0.00	0.00	0.00
1760	**19**	0.00	0.66	0.00	0.00	0.61	0.00	0.00	0.00	0.56	0.00	0.00	0.00
1760	**20**	0.00	0.46	0.00	0.00	2.21	0.00	0.36	0.00	21.79	5.46	0.00	0.00
1760	**21**	0.00	0.00	0.00	0.00	32.31	0.00	3.10	0.00	0.00	0.00	0.00	0.00
1760	**22**	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	4.14	0.00	0.00
1760	**23**	0.00	0.00	1.32	0.00	3.96	5.74	6.81	0.00	0.00	20.70	0.00	0.00
1760	**24**	0.00	0.00	0.00	0.00	0.00	1.19	0.15	0.00	0.00	6.35	0.00	0.00
1760	**25**	0.00	1.93	0.00	0.00	10.52	0.46	17.07	0.00	0.00	19.91	0.00	0.00
1760	**26**	0.00	0.00	0.00	0.00	0.51	21.18	0.91	0.00	0.00	0.00	0.00	0.00
1760	**27**	0.00	0.00	0.00	0.00	4.72	24.59	0.00	1.32	0.00	0.56	0.00	0.00
1760	**28**	0.41	0.38	0.00	0.00	11.07	1.32	0.00	9.04	0.00	2.08	0.00	0.81
1760	**29**	0.10	0.00	0.00	0.66	0.00	0.00	0.00	0.41	0.00	0.00	0.00	31.37
1760	**30**	0.00		0.00	0.00	1.35	0.00	0.10	23.52	0.00	36.17	0.00	11.58
1760	**31**	0.00		0.00		0.00		0.43	0.00		9.09		0.61

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1761	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.36	0.00	0.00	0.00
1761	2	0.00	0.00	0.00	0.00	0.00	19.51	0.00	0.00	0.00	0.00	0.15	0.00
1761	3	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	19.86	0.00
1761	4	0.00	0.00	0.00	0.10	0.00	0.38	8.28	0.00	0.00	0.00	0.00	0.00
1761	5	0.00	0.00	0.00	0.00	0.00	3.71	0.89	1.91	0.00	0.00	10.80	0.00
1761	6	0.00	0.00	0.00	2.59	0.00	0.00	0.00	34.59	0.00	18.08	18.64	0.00
1761	7	0.00	0.00	0.00	0.30	0.00	0.66	0.00	0.46	0.00	3.10	2.41	0.00
1761	8	0.00	0.00	0.00	25.70	0.10	4.42	0.00	0.00	0.00	9.04	10.24	1.93
1761	9	0.00	0.00	0.00	18.44	0.56	23.77	0.00	0.00	0.00	0.30	0.00	0.56
1761	10	0.00	0.00	11.02	0.38	15.54	8.69	0.00	0.20	0.00	0.00	2.90	0.00
1761	11	0.00	0.00	16.71	0.00	0.41	17.58	0.00	0.00	0.00	21.72	10.87	11.89
1761	12	0.00	0.00	0.51	0.00	0.00	7.24	0.71	0.00	0.66	1.83	0.00	29.57
1761	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.49	0.00	26.87	5.23
1761	14	0.00	0.00	19.96	0.00	21.77	8.23	0.00	18.67	0.00	0.38	9.55	24.54
1761	15	0.00	0.00	7.49	0.00	0.86	12.90	0.00	21.49	0.10	6.55	11.05	0.20
1761	16	0.00	0.10	0.00	0.00	1.91	8.48	0.00	6.93	0.00	0.00	2.72	0.81
1761	17	0.00	0.00	0.00	0.00	0.00	1.85	0.00	0.00	0.00	1.37	15.80	0.00
1761	18	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	24.79	19.91	1.17	0.00
1761	19	0.00	0.18	0.00	0.00	0.00	1.42	0.00	0.00	0.00	5.23	0.00	0.00
1761	20	0.00	0.00	0.00	5.59	0.00	0.00	0.00	0.00	1.32	10.87	0.00	0.00
1761	21	0.56	0.00	0.00	0.38	0.00	0.00	0.00	0.00	37.08	0.00	0.00	0.00
1761	22	0.00	0.00	0.00	10.87	0.00	0.00	16.87	0.00	21.72	0.00	0.00	0.00
1761	23	0.00	17.37	0.15	46.79	0.00	0.00	8.53	0.00	0.00	0.00	0.00	0.00
1761	24	0.00	0.00	0.00	18.08	0.00	0.00	0.00	0.00	0.15	10.82	9.60	0.76
1761	25	0.00	0.00	0.00	7.11	0.00	0.00	0.00	0.00	0.00	25.32	3.86	18.95
1761	26	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.64
1761	27	0.00	0.00	0.00	18.08	0.00	0.00	0.00	0.00	0.46	47.63	0.00	0.00
1761	28	0.00	0.00	0.00	10.87	0.18	0.00	0.00	0.00	0.00	1.37	0.00	0.00
1761	29	0.00		0.00	0.30	0.64	1.40	0.00	0.00	0.00	0.00	2.64	0.00
1761	30	0.00		0.00	0.00	9.50	25.30	11.23	0.10	0.00	0.00	0.00	0.00
1761	31	0.00		0.00		20.04		1.14	0.00		0.00		0.00
1762	1	0.00	3.40	0.46	0.41	0.00	0.00	0.10	0.00	0.30	0.00	0.00	0.00
1762	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.00
1762	3	0.00	0.00	0.00	0.00	1.02	9.04	0.00	0.30	12.75	2.41	0.00	0.00
1762	4	0.00	0.00	0.00	0.00	0.00	0.00	3.56	1.42	0.00	12.09	0.00	8.03
1762	5	0.00	0.00	0.00	0.18	0.00	7.24	9.55	0.00	0.00	1.63	0.00	0.00
1762	6	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	3.10	0.00	0.00
1762	7	0.00	0.00	0.00	0.00	0.00	0.30	0.00	3.00	0.00	0.00	0.00	0.20
1762	8	0.00	0.00	0.00	3.40	0.00	0.00	0.08	0.00	0.00	11.13	0.00	3.40
1762	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.65	0.00	2.18	0.00	0.00
1762	10	6.99	0.00	1.17	0.18	0.00	0.00	0.00	0.00	0.00	18.59	0.00	0.00
1762	11	0.18	0.00	0.00	0.00	9.80	0.00	0.00	0.00	0.00	1.17	0.00	0.00
1762	12	0.00	0.20	0.00	0.00	22.76	0.38	0.00	0.00	0.00	0.00	18.67	0.00
1762	13	4.01	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	9.19	0.00
1762	14	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.64	0.00	22.05	1.22	0.00
1762	15	0.00	0.00	0.00	0.00	0.56	10.85	0.00	0.20	0.00	31.39	0.00	0.00
1762	16	0.00	0.00	0.00	0.00	0.00	0.05	0.56	11.05	28.60	0.71	0.41	0.00
1762	17	0.76	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.08	0.00	0.00	0.00
1762	18	0.66	0.15	0.00	0.33	0.00	0.00	0.00	0.00	9.04	17.40	0.00	0.00
1762	19	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	2.16	13.61	0.00	0.00
1762	20	0.00	0.10	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
1762	21	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	0.00	0.00
1762	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1762	23	0.00	0.00	0.00	0.00	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
1762	24	0.00	0.00	6.55	0.00	0.38	0.15	0.00	0.00	0.00	0.00	0.00	0.00
1762	25	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00	14.48	25.22	5.74	0.00
1762	26	0.00	0.00	0.00	0.00	0.00	19.91	0.00	5.69	0.00	0.00	3.86	0.00
1762	27	0.00	0.66	0.00	0.00	0.00	0.30	5.44	0.00	0.00	0.00	0.00	0.00
1762	28	0.00	0.00	0.00	0.00	0.00	0.00	0.15	16.28	0.00	0.56	0.00	0.00
1762	29	0.00		0.15	0.00	0.64	0.66	1.88	0.56	0.00	22.73	0.00	0.00
1762	30	0.00		8.76	0.00	0.00	47.85	0.00	1.09	0.00	1.22	0.00	0.00
1762	31	0.00		0.71		0.00		0.00	12.70		0.61		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1763	**1**	6.71	12.14	0.00	0.00	18.95	5.74	3.71	0.00	0.00	0.00	0.00	10.06
1763	**2**	0.66	8.99	0.41	0.00	4.19	0.84	0.00	0.00	7.01	0.56	0.00	0.00
1763	**3**	0.00	15.14	0.13	0.00	0.00	7.32	0.00	0.00	17.83	0.00	2.18	0.00
1763	**4**	24.94	11.05	0.00	0.00	0.10	0.00	0.00	0.00	0.97	0.00	13.03	0.00
1763	**5**	0.00	0.00	0.00	0.00	14.53	4.98	10.57	0.00	0.00	0.00	0.00	0.00
1763	**6**	0.15	0.10	0.00	0.00	18.54	2.90	0.00	4.93	0.00	0.08	0.00	0.00
1763	**7**	0.00	0.00	0.00	0.00	1.98	58.06	0.00	0.00	0.00	10.03	0.00	0.00
1763	**8**	0.00	0.00	0.00	0.00	3.51	17.83	0.00	0.00	10.72	0.00	15.85	0.00
1763	**9**	0.89	0.00	0.00	0.00	8.92	32.66	8.69	0.00	0.00	0.00	0.00	0.00
1763	**10**	0.00	0.00	0.00	0.00	0.00	3.94	0.00	0.00	0.00	0.33	0.00	0.00
1763	**11**	0.00	1.35	6.99	0.00	10.97	0.00	0.00	0.00	0.00	0.00	0.00	5.79
1763	**12**	0.05	10.82	0.00	0.00	7.77	0.00	0.00	0.00	0.00	0.00	0.00	1.93
1763	**13**	0.00	0.08	0.00	0.00	13.39	0.00	0.00	0.00	0.00	0.00	0.00	19.35
1763	**14**	0.00	0.41	0.00	0.00	0.00	0.00	0.00	18.69	0.00	0.00	0.00	6.96
1763	**15**	0.00	0.00	0.00	0.00	8.99	0.00	0.00	9.45	5.94	0.00	0.00	0.00
1763	**16**	0.00	0.00	0.00	0.00	12.60	0.08	0.00	0.00	0.00	0.00	0.00	2.64
1763	**17**	0.00	0.00	0.00	0.00	29.64	12.14	0.00	0.00	0.00	0.00	0.00	1.60
1763	**18**	0.00	0.00	0.00	0.56	3.76	0.00	1.17	0.00	0.00	0.00	0.00	23.42
1763	**19**	0.00	0.00	0.00	6.55	0.00	0.00	0.00	0.00	0.00	0.00	3.10	16.71
1763	**20**	0.00	0.00	0.00	6.91	0.00	0.00	0.00	0.71	11.13	0.00	0.00	0.00
1763	**21**	0.00	0.86	0.00	0.00	10.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1763	**22**	0.00	0.00	0.00	4.47	12.80	16.08	0.00	0.00	0.00	0.00	1.88	0.00
1763	**23**	0.00	0.00	0.00	0.00	8.84	2.08	0.00	0.00	0.00	0.00	0.00	0.00
1763	**24**	0.00	5.54	14.78	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.15
1763	**25**	0.00	18.85	0.00	0.00	0.00	0.00	0.00	11.35	0.00	0.00	0.00	9.50
1763	**26**	0.00	1.17	0.00	0.00	0.00	0.00	2.69	0.00	0.00	0.00	0.00	0.00
1763	**27**	0.00	0.00	0.00	0.00	24.46	0.00	0.00	0.00	15.42	0.00	0.00	0.00
1763	**28**	0.00	0.00	0.00	0.00	36.53	0.00	0.00	0.00	2.18	0.00	0.00	0.00
1763	**29**	0.15		0.00	10.01	29.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1763	**30**	31.34		0.00	10.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1763	**31**	0.71		0.00		0.00		0.00	0.00		0.05		0.00
1764	**1**	0.00	0.00	0.56									
1764	**2**	0.00	0.00	7.49									
1764	**3**	0.00	3.40	0.20									
1764	**4**	0.00	3.86	0.00									
1764	**5**	0.00	0.00	0.00									
1764	**6**	0.00	0.00	0.00									
1764	**7**	0.00	0.00	0.00									
1764	**8**	0.00	0.00	28.52									
1764	**9**	0.00	0.00	0.00									
1764	**10**	1.88	0.00	18.44									
1764	**11**	3.20	4.78	0.00									
1764	**12**	0.00	0.00	0.00									
1764	**13**	0.00	0.00	0.00									
1764	**14**	2.08	0.00	0.00									
1764	**15**	19.46	0.00	0.00									
1764	**16**	0.00	0.00	0.00									
1764	**17**	0.00	0.00	0.00									
1764	**18**	10.62	0.00	0.00									
1764	**19**	0.00	0.00	0.00									
1764	**20**	0.00	0.00	1.17									
1764	**21**	0.00	0.00	23.29									
1764	**22**	0.00	0.00	1.98									
1764	**23**	0.00	0.00	0.00									
1764	**24**	0.00	10.97	0.00									
1764	**25**	0.00	0.15	0.00									
1764	**26**	0.00	0.00	0.00									
1764	**27**	0.00	0.05	0.00									
1764	**28**	0.00	28.14	0.00									
1764	**29**	0.00	34.42	0.00									
1764	**30**	0.00		0.00									
1764	**31**	2.92		0.00									

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1727	**1**	0.00	0.00	0.00	0.00	0.00	0.00	19.71	1.17	0.00	0.00	37.08	0.00
1727	**2**	0.00	10.77	0.00	0.00	0.20	11.33	2.24	0.71	1.52	0.00	0.00	0.00
1727	**3**	0.20	28.80	0.00	0.00	0.00	0.00	0.38	0.00	82.45	0.00	0.00	0.00
1727	**4**	7.62	4.47	0.00	0.00	0.00	0.00	1.73	0.00	5.26	0.00	0.00	20.78
1727	**5**	0.00	2.54	3.96	17.45	2.84	0.00	0.00	0.00	0.00	0.00	0.00	16.89
1727	**6**	0.00	0.00	0.00	1.14	0.00	0.00	0.00	12.85	0.00	3.40	1.73	4.52
1727	**7**	0.00	0.00	0.00	22.86	0.00	0.00	0.00	19.51	0.00	6.76	20.32	11.89
1727	**8**	0.00	0.00	0.00	1.73	3.96	8.48	0.00	12.95	0.00	14.73	0.00	9.04
1727	**9**	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	19.10	21.08	0.00	3.96
1727	**10**	6.76	0.00	0.00	0.00	0.00	6.81	0.00	11.43	1.57	0.00	0.00	5.69
1727	**11**	0.00	0.00	0.00	0.00	0.00	26.01	0.00	0.00	0.00	0.00	0.00	5.13
1727	**12**	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	3.96	0.00
1727	**13**	0.00	0.00	0.00	0.00	2.74	0.00	0.00	0.00	0.00	0.00	3.40	0.00
1727	**14**	0.00	0.00	0.00	1.12	1.68	0.00	0.00	18.80	0.00	0.00	0.00	0.46
1727	**15**	7.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.16	0.00	0.00	7.32
1727	**16**	3.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.70	0.00	0.00	8.48
1727	**17**	0.00	0.00	0.00	3.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52
1727	**18**	0.56	4.52	0.00	0.00	0.56	0.25	2.84	0.00	0.00	0.00	0.00	0.00
1727	**19**	5.64	17.45	0.00	0.00	6.81	0.00	0.00	0.00	0.00	0.00	0.00	2.29
1727	**20**	0.00	0.00	0.00	0.00	1.68	0.00	0.00	0.00	0.00	2.84	0.00	0.00
1727	**21**	0.00	0.56	0.00	0.00	0.00	0.00	3.35	0.00	0.00	0.00	0.00	7.32
1727	**22**	0.00	0.76	0.00	0.00	3.05	0.00	0.00	0.00	18.75	0.00	11.33	5.08
1727	**23**	0.00	0.00	3.96	0.00	0.00	0.00	0.00	0.00	5.18	0.00	9.60	4.47
1727	**24**	0.00	0.00	0.00	0.00	0.00	23.11	9.04	0.00	0.00	0.00	0.00	7.72
1727	**25**	0.00	0.00	0.00	0.61	1.73	0.00	0.00	0.00	0.00	10.72	9.40	1.68
1727	**26**	1.14	0.00	0.00	0.00	0.00	14.33	0.56	0.00	0.00	16.51	9.65	5.64
1727	**27**	41.25	0.00	0.00	0.00	1.12	0.00	0.00	0.00	0.00	10.16	3.61	0.00
1727	**28**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.31	0.46	4.52
1727	**29**	5.03		0.56	0.00	0.00	0.00	0.00	0.00	0.00	6.81	0.00	16.31
1727	**30**	0.00		0.00	0.00	17.42	0.00	0.00	0.00	0.00	0.00	0.00	32.77
1727	**31**	40.13		0.00		0.00		0.00	0.00		44.55		45.62
1728	**1**	27.81	0.00	17.15	0.00	0.00	0.00	0.00	0.00	0.00	1.93	7.62	39.24
1728	**2**	2.29	0.00	2.29	0.00	0.00	0.00	0.00	19.69	0.00	0.00	13.31	5.38
1728	**3**	0.00	0.00	1.91	3.40	2.74	0.00	0.81	0.00	0.00	0.00	5.54	0.00
1728	**4**	0.00	2.16	0.38	3.18	10.67	0.00	3.15	0.00	0.00	29.08	0.00	0.00
1728	**5**	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	22.10	0.00	22.96
1728	**6**	0.00	0.00	0.00	0.00	4.67	0.00	0.00	0.00	26.42	0.00	5.84	16.64
1728	**7**	0.00	0.00	0.00	36.83	0.00	0.00	0.38	0.00	10.54	1.42	15.37	31.90
1728	**8**	0.81	0.00	0.00	56.52	0.51	2.92	2.67	0.00	0.00	13.72	0.00	2.39
1728	**9**	0.00	0.00	0.00	0.00	0.00	17.40	0.00	0.00	0.00	0.00	0.00	0.00
1728	**10**	0.00	0.00	4.32	21.34	0.00	13.34	3.15	0.00	0.00	2.16	0.00	16.89
1728	**11**	0.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	0.00	0.00	0.20	0.00
1728	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.18	0.00	0.00
1728	**13**	0.00	0.00	0.00	0.00	4.45	0.00	0.00	0.00	0.00	9.04	0.00	22.61
1728	**14**	0.00	0.00	0.00	0.30	0.00	10.92	0.00	0.00	14.83	9.02	0.00	40.64
1728	**15**	3.40	0.00	0.00	0.00	0.00	0.00	29.36	0.00	0.00	0.00	0.00	16.38
1728	**16**	10.16	0.00	0.00	7.47	0.00	0.00	0.00	0.00	0.00	1.37	0.00	0.00
1728	**17**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	1.52	0.00	0.00
1728	**18**	5.21	0.00	0.00	0.00	0.00	0.00	0.00	1.14	1.14	25.91	0.00	0.00
1728	**19**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	8.89
1728	**20**	0.00	0.00	0.00	0.00	0.00	2.74	0.00	3.81	15.54	7.75	15.62	0.00
1728	**21**	10.67	0.00	0.00	0.00	0.00	14.22	51.31	3.40	15.75	0.00	0.00	0.00
1728	**22**	0.00	0.00	0.00	0.64	0.00	0.00	0.64	2.41	0.25	0.00	0.00	19.20
1728	**23**	4.45	0.00	0.38	0.00	0.00	15.37	0.00	0.00	41.78	0.00	0.00	2.29
1728	**24**	11.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.72	0.00	0.00	16.38
1728	**25**	0.00	0.00	0.20	0.00	0.00	0.00	1.02	0.00	0.51	0.20	0.00	7.24
1728	**26**	22.10	0.00	0.00	0.00	0.00	0.00	0.00	11.18	10.16	0.00	0.00	0.00
1728	**27**	0.00	0.00	0.00	0.00	0.51	0.00	0.00	31.62	0.00	0.00	0.00	5.08
1728	**28**	24.77	0.00	0.00	0.00	11.33	0.00	0.00	41.20	0.00	0.00	0.00	0.00
1728	**29**	0.00	0.64	0.64	0.00	22.73	0.00	0.00	0.00	0.00	0.38	0.00	2.74
1728	**30**	13.97		0.25	0.00	13.56	0.00	0.00	0.00	0.00	0.00	22.61	26.97
1728	**31**	0.46		0.00		0.00		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1729	**1**	0.00	0.00	0.00	0.00	0.20	0.00	7.11	0.71	0.00	0.00	0.00	0.00
1729	**2**	0.00	12.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.40	0.00
1729	**3**	0.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	0.00	0.00	2.03	0.00
1729	**4**	0.13	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	17.98	0.00	0.00
1729	**5**	0.13	0.00	0.00	0.00	0.20	0.00	0.00	8.64	0.00	1.57	45.06	0.00
1729	**6**	8.33	0.00	13.56	1.27	1.93	0.13	12.50	40.74	0.00	0.00	2.69	16.26
1729	**7**	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.51	0.00	2.03	0.00	0.00
1729	**8**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.98	0.00	0.00
1729	**9**	0.00	0.00	0.00	0.00	0.51	8.33	0.00	0.00	0.00	21.59	0.00	0.00
1729	**10**	0.00	0.00	0.00	0.00	0.00	25.15	0.00	6.50	6.30	0.00	2.03	0.00
1729	**11**	16.00	0.00	0.00	4.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.70
1729	**12**	8.51	0.00	0.00	0.00	0.38	0.00	10.16	0.25	0.00	0.00	0.00	2.39
1729	**13**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1729	**14**	0.00	0.00	0.00	10.97	0.00	0.00	0.20	0.00	2.29	0.00	0.00	0.00
1729	**15**	0.13	4.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1729	**16**	0.00	2.34	13.00	0.00	0.51	20.68	0.00	0.00	0.00	0.00	22.66	0.00
1729	**17**	0.00	6.86	0.20	0.00	0.00	1.22	23.01	0.00	0.00	0.00	6.86	0.00
1729	**18**	0.00	2.34	0.00	0.00	20.93	32.77	0.00	0.00	0.00	0.00	0.61	0.00
1729	**19**	0.00	0.00	0.00	11.43	0.00	0.00	8.84	0.00	0.00	0.00	6.81	0.00
1729	**20**	0.00	0.00	0.00	0.00	0.20	0.00	6.60	0.00	0.00	0.00	24.99	0.00
1729	**21**	0.00	0.00	12.85	0.00	0.00	0.00	0.00	0.00	3.40	0.00	2.34	0.00
1729	**22**	0.00	0.00	14.02	0.00	3.91	0.00	0.00	0.00	0.00	0.00	0.00	28.14
1729	**23**	0.00	1.57	27.08	8.43	0.00	0.00	0.00	8.13	0.00	0.00	8.94	31.60
1729	**24**	0.00	0.64	0.00	0.00	0.38	0.00	0.00	0.00	0.00	3.15	4.17	9.09
1729	**25**	0.00	0.00	0.00	10.87	0.51	0.00	0.00	0.00	27.18	6.86	0.00	0.00
1729	**26**	6.60	0.00	0.00	8.79	6.48	5.33	0.00	0.00	0.00	20.07	0.00	0.00
1729	**27**	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	46.23	0.00	0.00
1729	**28**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.43	0.00	0.00
1729	**29**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1729	**30**	0.00		0.00	5.69	0.00	0.00	9.04	0.00	4.95	0.91	0.00	0.00
1729	**31**	0.00		0.00		0.00		0.00	0.00		0.00		0.00
1730	**1**	0.00	0.00	0.00	7.26	0.61	8.23	0.00	0.00	0.00	0.00	0.00	0.00
1730	**2**	0.00	0.00	0.00	5.18	0.00	2.34	0.00	0.00	0.00	0.00	0.00	0.00
1730	**3**	0.00	0.00	0.00	9.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1730	**4**	0.00	0.00	0.00	2.03	3.30	0.00	0.76	0.00	0.00	0.00	0.00	0.81
1730	**5**	0.00	0.00	17.98	17.58	2.74	0.00	14.38	0.00	0.00	0.00	0.00	0.00
1730	**6**	0.00	0.00	0.00	0.00	0.00	0.00	24.99	0.00	0.00	0.00	0.00	2.16
1730	**7**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	1.40	4.19
1730	**8**	0.00	0.00	0.00	0.00	2.18	55.42	0.00	0.00	0.00	0.00	0.00	1.32
1730	**9**	0.00	0.00	18.29	0.00	0.00	0.00	0.71	0.00	0.00	0.00	0.36	0.00
1730	**10**	0.00	2.74	0.00	0.00	0.00	0.00	0.00	0.00	2.92	0.00	31.75	0.00
1730	**11**	0.00	0.00	15.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00
1730	**12**	0.00	0.00	1.65	0.00	0.00	0.00	6.25	0.00	0.00	0.00	0.00	19.66
1730	**13**	0.00	0.00	23.01	0.00	0.00	0.00	0.81	0.00	18.80	0.00	0.00	0.00
1730	**14**	0.00	0.97	16.38	0.00	0.00	0.64	0.76	0.00	0.00	1.68	1.02	0.00
1730	**15**	0.00	0.00	2.39	0.00	0.00	2.34	0.00	18.39	0.00	11.68	0.91	0.00
1730	**16**	0.00	0.00	0.97	0.00	0.20	0.20	0.00	0.00	0.00	17.98	0.00	0.00
1730	**17**	0.00	0.00	6.86	0.00	0.00	0.00	0.00	0.00	0.00	38.40	0.00	0.00
1730	**18**	0.00	0.00	7.92	0.00	0.00	8.89	0.00	0.00	0.00	0.00	0.00	0.00
1730	**19**	0.00	0.00	16.13	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1730	**20**	0.00	3.30	0.00	0.00	0.00	1.42	15.54	38.40	8.89	0.00	0.00	0.00
1730	**21**	0.00	17.53	0.00	17.63	0.00	14.07	21.08	11.43	0.00	0.00	0.00	0.00
1730	**22**	0.00	0.00	0.00	0.71	0.13	1.65	0.00	0.00	0.00	0.00	0.00	0.00
1730	**23**	0.00	0.00	0.00	6.45	0.00	38.40	0.00	0.00	0.00	29.57	0.00	0.00
1730	**24**	0.00	0.00	0.00	7.37	0.00	33.63	1.42	0.00	0.00	0.00	0.00	0.00
1730	**25**	0.10	0.00	0.00	0.00	0.00	3.45	0.00	0.00	0.00	0.00	0.00	0.00
1730	**26**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1730	**27**	0.00	0.00	0.00	0.00	0.00	1.42	5.69	0.00	0.00	0.00	0.00	1.07
1730	**28**	0.00	0.00	0.00	0.00	0.00	9.53	6.86	0.00	0.00	0.00	0.00	1.68
1730	**29**	0.00		0.00	0.00	33.63	0.00	0.00	0.00	0.00	0.00	3.15	0.20
1730	**30**	0.00		0.00	0.00	2.18	0.61	0.61	37.29	0.00	0.00	0.00	0.00
1730	**31**	0.00		0.00		11.33		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1731	**1**	0.10	0.00	0.00	0.00	16.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1731	**2**	0.00	0.00	2.08	0.00	0.00	0.00	0.00	16.38	1.40	0.00	24.59	0.00
1731	**3**	0.00	0.00	0.61	1.57	0.00	0.00	9.04	0.00	0.00	0.00	24.28	0.00
1731	**4**	0.00	0.00	1.57	14.22	0.00	0.00	0.00	7.72	0.00	0.00	0.00	0.00
1731	**5**	0.00	7.11	11.43	8.99	0.00	0.00	0.00	0.00	0.00	0.00	0.64	11.48
1731	**6**	0.00	10.36	4.67	0.00	0.00	0.00	0.00	0.00	35.69	0.00	2.34	4.67
1731	**7**	0.00	2.34	18.85	0.00	0.00	0.00	0.00	0.00	0.20	51.05	0.28	9.14
1731	**8**	0.00	9.75	0.81	0.00	0.00	0.66	0.00	0.00	0.00	0.00	10.97	0.00
1731	**9**	0.00	0.00	0.00	0.00	11.07	2.34	0.00	0.00	0.00	0.00	0.00	1.88
1731	**10**	0.00	0.00	0.00	0.00	2.69	0.00	0.00	0.00	22.66	0.00	26.11	0.64
1731	**11**	0.00	6.35	0.00	0.00	15.24	0.00	10.97	0.00	0.00	0.00	7.92	0.00
1731	**12**	0.00	3.15	0.00	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.30	0.00
1731	**13**	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.89	0.00
1731	**14**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1731	**15**	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00
1731	**16**	15.54	0.00	0.00	0.00	9.02	36.83	0.00	0.00	0.00	0.00	0.00	0.00
1731	**17**	0.00	0.00	0.00	0.10	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00
1731	**18**	0.00	0.00	0.00	0.00	2.13	2.13	5.44	0.00	1.83	0.00	0.00	0.00
1731	**19**	2.29	0.00	0.00	0.00	0.00	1.27	0.00	0.00	3.40	0.00	0.46	0.00
1731	**20**	0.00	0.00	0.00	0.00	0.00	0.15	1.68	0.00	0.00	0.00	9.86	0.00
1731	**21**	0.00	0.00	0.00	0.00	0.00	13.31	14.83	27.33	0.00	0.00	2.03	0.00
1731	**22**	0.00	0.00	0.00	3.45	0.00	11.43	0.00	63.25	0.00	0.00	0.64	0.00
1731	**23**	0.00	0.00	0.00	15.95	0.00	2.13	0.00	0.61	0.00	0.00	0.00	0.00
1731	**24**	3.15	8.89	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00
1731	**25**	5.54	0.00	0.00	0.00	0.00	0.00	3.45	0.00	0.00	12.85	0.00	0.00
1731	**26**	0.00	15.54	0.00	0.00	0.00	18.29	0.00	0.00	0.00	0.61	0.00	0.00
1731	**27**	0.00	10.29	0.00	2.13	0.00	0.00	0.46	1.32	0.00	0.00	0.00	0.00
1731	**28**	0.00	0.00	0.00	0.00	0.00	0.00	36.45	0.00	0.00	0.00	0.00	0.00
1731	**29**	0.00		0.00	20.32	0.00	0.00	0.00	33.88	0.00	0.00	0.00	0.00
1731	**30**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34
1731	**31**	0.00		0.00		0.00		0.00	0.00		0.00		3.35
1732	**1**	1.73	0.00	2.69	0.00	0.00	11.07	0.00	22.00	0.00	0.00	0.15	0.00
1732	**2**	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1732	**3**	0.20	0.00	0.00	0.00	0.00	11.89	0.00	0.00	10.41	0.00	0.00	0.00
1732	**4**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.51	0.00	0.00	0.00
1732	**5**	0.00	0.00	0.00	0.00	0.00	0.30	0.46	0.00	0.00	0.00	0.00	0.00
1732	**6**	0.00	0.00	0.00	0.00	0.00	0.00	23.52	4.88	0.00	0.00	39.32	0.00
1732	**7**	0.00	0.00	0.00	5.49	0.00	0.00	0.00	0.64	0.00	0.00	74.42	0.00
1732	**8**	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.30	0.00	0.00
1732	**9**	0.00	4.42	0.00	0.00	0.00	0.00	8.26	0.00	9.27	0.00	26.31	0.00
1732	**10**	0.00	1.17	0.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	15.88	0.00
1732	**11**	0.00	0.00	0.00	19.41	8.26	0.00	0.00	0.00	0.00	0.00	5.46	0.00
1732	**12**	0.00	0.00	0.00	3.18	0.00	0.00	0.41	0.00	0.00	0.00	8.48	0.00
1732	**13**	0.00	0.00	0.00	14.78	0.00	0.00	0.00	15.54	0.00	0.00	0.00	0.00
1732	**14**	0.00	0.00	0.10	0.00	0.00	2.34	4.17	2.41	0.00	0.00	0.00	0.00
1732	**15**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1732	**16**	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.91	0.00	6.71	6.40	0.00
1732	**17**	0.00	0.00	0.00	11.79	0.00	0.00	0.00	8.33	0.00	0.00	0.00	0.00
1732	**18**	0.00	0.00	0.00	4.88	0.00	0.00	0.00	0.00	0.00	0.00	5.72	0.00
1732	**19**	0.00	11.43	0.00	0.00	0.00	6.99	0.00	0.00	0.41	0.00	0.00	0.00
1732	**20**	0.00	2.39	0.00	12.85	0.00	0.00	0.00	27.74	0.20	0.00	0.00	0.00
1732	**21**	0.00	0.00	3.15	0.00	0.00	0.00	8.18	0.91	0.00	0.00	0.00	0.00
1732	**22**	0.00	0.00	0.00	22.96	0.00	0.23	0.00	0.00	0.00	11.63	0.00	0.00
1732	**23**	0.00	0.00	0.00	14.86	0.00	6.15	0.00	0.00	0.20	0.00	0.00	0.00
1732	**24**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.00	3.25	0.00
1732	**25**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.99	0.15	0.00
1732	**26**	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	12.29	0.30	0.00
1732	**27**	0.00	0.00	13.00	0.00	0.00	23.37	0.00	0.00	0.00	0.00	0.00	0.00
1732	**28**	11.68	13.87	14.40	28.60	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00
1732	**29**	0.61	19.38	12.40	2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1732	**30**	27.18		1.65	0.00	9.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1732	**31**	9.02		0.00		14.35		0.00	0.00		9.60		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1733	1	0.00	0.00	0.00	4.57	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00
1733	2	0.00	0.00	0.00	8.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	3	10.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	4	19.20	0.00	0.00	0.00	0.00	2.69	0.00	9.35	0.00	0.00	0.00	0.00
1733	5	26.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.26	0.00	0.00	0.00
1733	6	0.00	0.00	0.00	0.00	21.95	0.00	0.00	0.00	0.00	6.73	0.00	0.00
1733	7	4.42	0.00	0.00	0.00	45.97	2.34	0.00	0.00	0.00	7.62	0.00	0.00
1733	8	0.00	0.00	0.00	0.00	12.09	0.00	0.00	19.20	0.00	0.00	0.00	0.00
1733	9	12.50	0.00	0.00	10.57	0.00	4.11	0.00	6.86	0.00	0.00	0.00	0.00
1733	10	0.00	0.00	0.00	27.53	0.64	9.27	3.25	3.18	0.00	0.30	0.00	0.00
1733	11	16.66	0.00	0.00	0.00	0.00	11.43	6.30	0.00	0.00	0.00	0.00	0.00
1733	12	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
1733	13	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	14	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	15	0.00	0.00	0.00	0.00	0.41	6.45	0.00	2.74	0.00	0.00	0.00	0.00
1733	16	0.00	0.00	0.00	0.00	32.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
1733	17	0.00	0.64	0.15	0.00	0.00	0.00	2.39	0.00	0.00	0.00	0.00	0.00
1733	18	0.00	0.00	12.57	0.00	10.62	14.35	0.00	32.00	0.00	0.00	0.00	0.00
1733	19	0.00	0.00	0.00	0.64	0.41	0.00	0.81	0.00	0.00	0.00	0.00	0.00
1733	20	0.00	8.33	0.81	0.00	18.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	21	0.00	0.00	0.00	0.00	0.00	17.37	0.00	0.00	0.00	0.00	0.20	0.00
1733	22	0.00	0.00	7.11	0.00	0.00	0.00	0.00	16.31	0.00	0.00	9.19	0.00
1733	23	3.94	0.00	18.90	0.00	0.00	0.00	0.00	0.00	0.00	26.72	0.30	0.00
1733	24	27.03	0.00	7.26	0.91	3.68	0.00	0.00	0.00	0.00	29.59	0.00	0.00
1733	25	4.72	0.00	2.95	14.73	8.89	4.57	55.78	0.00	0.00	6.96	0.00	0.00
1733	26	11.43	0.00	0.00	0.00	13.26	11.89	0.00	0.00	0.00	4.01	0.00	0.00
1733	27	0.00	0.00	0.00	0.00	11.99	4.70	0.00	21.97	0.00	0.00	0.00	0.00
1733	28	0.00	0.00	19.05	0.00	0.00	0.00	0.00	4.17	0.30	0.89	0.00	0.15
1733	29	0.00		6.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1733	30	0.00		16.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1733	31	0.00		0.00		5.18		0.00	0.00		2.44		0.00
1734	1	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	1.65	0.00
1734	2	0.00	0.00	0.00	0.00	4.62	0.00	0.00	7.82	0.00	0.00	0.00	0.00
1734	3	0.00	12.24	0.00	0.00	0.00	0.00	0.00	20.50	0.00	0.64	0.00	0.00
1734	4	0.00	4.19	0.00	0.00	0.00	0.00	33.91	9.40	0.00	1.57	0.00	0.10
1734	5	0.38	0.00	0.00	0.00	10.36	0.00	2.92	0.00	0.00	0.00	0.00	5.28
1734	6	0.00	0.00	0.00	0.00	12.75	0.10	2.16	0.00	0.00	1.98	0.00	0.20
1734	7	26.31	0.00	3.43	2.44	0.00	0.00	0.00	0.00	0.00	0.15	0.00	7.24
1734	8	0.00	0.00	40.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.38
1734	9	0.00	0.00	0.00	0.00	0.00	10.26	0.00	0.00	0.00	0.00	0.00	0.00
1734	10	0.00	0.00	0.00	0.00	0.00	6.40	0.00	3.94	0.00	0.00	0.00	0.00
1734	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64
1734	12	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.64
1734	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.72	0.00	0.15
1734	14	0.00	0.00	0.00	0.00	0.00	0.00	8.89	24.74	0.00	0.20	0.00	25.50
1734	15	0.00	0.00	0.00	0.00	0.00	0.00	44.65	26.04	0.00	4.47	0.00	2.34
1734	16	2.18	0.00	0.00	4.01	0.00	0.00	39.19	0.00	0.00	5.99	0.00	0.00
1734	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.56
1734	18	7.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.22	0.00	2.41
1734	19	0.41	0.00	4.78	0.15	0.00	0.00	18.92	0.00	0.00	11.48	0.00	7.21
1734	20	0.00	0.00	1.32	0.00	0.00	15.70	0.00	0.00	0.00	0.00	0.00	0.00
1734	21	0.00	0.00	0.00	0.00	19.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1734	22	0.00	0.00	0.00	0.00	61.06	0.00	0.00	0.00	0.20	0.71	0.00	0.00
1734	23	0.00	0.00	0.00	0.00	1.65	0.00	0.00	0.00	47.50	35.76	3.56	0.00
1734	24	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	16.66	8.94	10.80	13.72
1734	25	0.00	0.00	23.50	0.00	10.41	0.00	0.00	0.00	0.00	0.00	0.00	27.56
1734	26	0.00	0.00	6.91	0.00	0.00	21.16	9.04	0.00	0.00	0.00	0.00	0.00
1734	27	0.00	0.00	0.00	11.43	0.00	31.65	0.00	2.44	0.00	1.73	0.00	1.32
1734	28	0.00	0.00	0.00	0.00	0.00	7.32	0.00	2.84	0.00	4.95	0.00	1.32
1734	29	0.00		0.00	0.00	0.64	0.00	0.00	22.23	0.00	0.91	0.00	0.00
1734	30	0.00		0.00	0.00	0.00	0.89	15.82	0.00	0.00	1.22	0.00	1.40
1734	31	0.00		0.00		0.00		0.00	0.00		13.56		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1735	**1**	0.00	0.91	3.00	13.72	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**2**	11.48	25.53	0.00	16.08	0.00	0.00	0.00	1.83	0.00	0.00	0.00	0.30
1735	**3**	4.57	0.41	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1735	**4**	0.00	1.83	28.50	8.69	4.19	0.00	0.00	51.44	0.00	0.00	0.00	2.08
1735	**5**	0.00	3.86	5.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**6**	0.00	0.00	0.00	13.84	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.61
1735	**7**	0.00	0.00	0.00	3.96	4.37	0.25	0.00	0.00	0.00	0.00	0.00	0.00
1735	**8**	11.02	0.00	9.78	12.40	0.00	0.00	17.63	0.00	0.00	0.00	0.00	10.41
1735	**9**	9.55	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1735	**10**	3.94	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00
1735	**11**	0.00	0.00	0.00	0.00	2.16	0.00	0.00	10.16	0.00	12.70	0.00	0.00
1735	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.00	10.80	0.00	0.00
1735	**13**	0.00	0.00	1.65	0.00	13.59	0.91	0.00	0.00	0.00	0.61	0.00	0.00
1735	**14**	0.00	0.00	8.94	4.06	0.00	2.29	0.00	0.00	0.00	0.00	0.00	0.00
1735	**15**	0.00	0.00	0.00	0.00	0.00	0.20	0.00	11.30	4.72	0.00	0.00	0.00
1735	**16**	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00
1735	**17**	0.00	0.10	0.00	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.00
1735	**18**	0.00	0.10	0.00	1.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1735	**19**	4.17	0.00	0.00	0.00	0.91	0.00	38.48	0.00	4.57	9.75	0.00	0.00
1735	**20**	18.16	0.15	0.00	0.00	0.71	27.43	20.32	0.00	0.00	7.06	0.00	0.00
1735	**21**	0.00	0.00	4.57	1.63	16.38	23.77	0.41	0.30	0.30	12.07	0.00	0.00
1735	**22**	18.62	0.00	24.84	15.85	0.00	22.61	0.00	0.00	0.41	7.42	0.00	0.00
1735	**23**	2.24	0.00	1.47	0.00	13.21	0.38	0.00	0.30	1.73	0.00	0.00	0.00
1735	**24**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	8.26	0.00	0.00	0.00
1735	**25**	23.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**26**	1.27	0.00	0.00	0.00	14.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**27**	0.00	0.00	14.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**28**	0.00	13.72	1.98	0.00	0.00	0.51	0.00	0.64	0.00	0.00	0.00	0.00
1735	**29**	0.00		4.17	0.00	7.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**30**	1.19		0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1735	**31**	1.27		0.00		0.00		0.00	0.00		0.00		0.00
1736	**1**	0.00	19.20	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**2**	0.00	3.45	0.76	0.00	0.00	0.00	0.00	0.00	11.48	0.00	2.84	0.00
1736	**3**	0.00	10.31	1.52	1.78	0.00	1.42	0.00	0.00	0.00	0.00	0.41	0.00
1736	**4**	0.00	0.00	13.26	0.00	0.00	2.34	0.00	0.00	5.89	25.81	0.00	0.00
1736	**5**	0.00	0.00	1.93	17.07	0.00	2.16	0.00	33.58	14.43	18.08	0.00	0.00
1736	**6**	0.00	16.97	1.14	4.62	0.00	14.07	0.00	4.27	0.00	5.28	0.00	3.15
1736	**7**	0.00	15.75	22.30	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.41	5.23
1736	**8**	0.00	2.18	1.17	0.00	0.00	0.00	0.00	0.00	6.91	1.83	9.27	0.00
1736	**9**	4.57	14.35	0.00	0.00	0.15	0.00	1.73	0.00	1.65	0.00	0.00	6.86
1736	**10**	9.04	16.05	0.00	0.00	0.00	7.32	0.00	0.00	0.00	1.83	0.00	6.76
1736	**11**	2.29	28.09	2.41	0.00	0.00	0.00	0.00	0.00	0.00	4.52	0.00	0.41
1736	**12**	1.65	2.34	5.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**13**	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**14**	0.00	0.41	0.00	10.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**15**	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00
1736	**16**	0.00	2.18	2.34	0.00	13.72	0.00	0.00	0.00	0.00	0.30	0.00	0.00
1736	**17**	0.00	0.38	4.57	0.00	3.61	36.45	0.00	0.00	0.00	0.00	0.00	0.41
1736	**18**	0.00	0.00	18.69	4.70	21.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**19**	0.00	0.00	13.84	0.00	5.72	0.20	0.00	0.00	0.00	0.00	14.02	0.00
1736	**20**	0.00	9.96	0.30	0.00	0.91	0.41	20.32	0.00	0.00	0.00	0.00	6.48
1736	**21**	0.00	2.79	0.00	0.00	9.02	0.00	0.00	2.84	3.68	0.00	0.20	0.00
1736	**22**	0.00	8.76	0.00	0.64	16.89	0.00	0.00	3.43	1.93	0.00	0.30	0.00
1736	**23**	9.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**24**	2.92	0.00	0.00	0.00	3.86	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1736	**25**	0.20	2.84	0.00	0.20	0.00	7.16	19.66	0.00	0.00	0.00	0.00	0.00
1736	**26**	14.86	0.64	0.00	0.00	0.00	2.67	0.00	0.00	0.00	0.00	0.00	0.00
1736	**27**	9.27	0.00	0.00	0.00	0.00	12.83	0.00	0.00	0.00	0.00	0.00	0.00
1736	**28**	0.46	0.00	0.00	11.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**29**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1736	**30**	0.00		0.00	3.61	0.13	8.89	0.00	0.00	0.00	0.00	0.00	5.66
1736	**31**	0.00		0.00		9.78		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1737	1	0.00	0.51	0.00	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1737	2	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.65	0.64	0.00
1737	3	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.86	2.84	0.00
1737	4	0.00	21.59	0.00	0.00	0.00	0.00	5.38	0.00	0.00	4.62	3.94	0.00
1737	5	0.00	2.03	0.00	0.00	1.07	0.00	0.00	0.00	3.05	0.00	0.00	0.00
1737	6	0.00	0.00	0.00	1.65	1.98	0.00	1.65	9.14	0.00	0.00	0.51	0.00
1737	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00
1737	8	0.00	0.00	2.95	0.00	0.00	0.00	1.65	0.41	0.00	1.40	0.00	0.61
1737	9	0.00	0.00	19.23	0.00	0.00	6.76	11.02	0.00	0.00	0.00	0.00	0.00
1737	10	0.00	0.00	5.59	0.00	0.00	0.00	0.20	0.00	0.00	27.43	0.00	0.00
1737	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.51	3.18	0.51
1737	12	0.00	0.00	0.30	0.20	0.00	0.00	0.00	0.00	0.00	6.86	2.44	0.00
1737	13	0.00	0.00	0.20	0.00	0.00	9.35	0.00	0.00	0.00	1.42	0.00	0.00
1737	14	0.00	0.00	0.00	0.00	0.00	11.43	0.00	0.81	0.00	6.73	0.00	0.00
1737	15	0.00	0.00	0.00	0.00	0.00	6.50	0.00	2.84	0.00	0.64	0.00	0.00
1737	16	0.00	0.00	1.65	0.00	0.00	2.44	0.00	7.24	0.00	35.56	0.00	0.00
1737	17	0.00	0.00	1.65	0.00	0.00	6.73	0.00	0.00	0.00	14.53	0.00	0.00
1737	18	0.00	0.00	0.64	0.00	0.00	19.02	0.00	1.65	0.41	22.61	0.00	0.00
1737	19	0.00	0.00	5.23	0.00	0.00	5.64	0.00	0.00	18.16	0.00	0.00	0.91
1737	20	0.00	0.00	0.00	0.00	0.00	11.79	0.00	0.30	0.00	0.00	0.00	0.20
1737	21	0.00	0.00	0.00	0.00	40.69	11.99	0.00	0.00	0.00	0.00	0.00	9.70
1737	22	0.00	0.00	0.00	0.00	18.03	0.91	0.00	0.00	0.00	0.00	0.00	4.45
1737	23	0.30	0.00	0.00	5.59	11.30	0.00	0.00	0.00	0.00	2.16	0.00	1.93
1737	24	0.00	0.00	3.20	0.00	1.83	0.00	0.00	0.00	0.00	45.11	0.00	0.00
1737	25	0.41	0.00	0.20	2.16	2.03	0.00	0.00	2.44	0.00	2.13	0.30	0.00
1737	26	0.00	0.00	0.64	17.91	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1737	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.78	4.70	2.95	0.00
1737	28	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.69	2.18	0.00	0.00
1737	29	0.30		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1737	30	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.30	0.00	0.00
1737	31	0.66		1.14		0.00		0.30	0.00		3.68		0.00
1738	1	0.00	0.00	12.40	0.00	3.23	0.00	0.00	0.00	0.00	0.66	1.83	0.00
1738	2	0.00	0.00	2.74	0.00	15.04	19.18	0.38	0.00	0.00	0.00	13.56	0.00
1738	3	0.00	0.00	0.00	0.00	0.00	0.91	52.22	0.00	32.82	0.00	0.00	0.00
1738	4	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	2.08	0.00	0.00	0.00
1738	5	0.00	0.00	0.00	0.00	24.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1738	6	0.10	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	13.84	16.97	0.00
1738	7	0.00	0.00	9.65	7.87	0.00	0.00	0.00	0.00	0.00	17.37	21.21	0.00
1738	8	4.57	0.00	2.13	0.00	0.00	3.35	0.00	0.00	11.23	2.24	3.20	0.00
1738	9	2.92	0.00	0.00	0.00	0.00	3.56	0.00	0.00	0.00	0.00	0.00	0.00
1738	10	0.00	0.00	0.00	0.00	0.00	0.00	9.14	0.10	0.00	0.00	0.00	0.00
1738	11	0.00	0.00	3.94	0.00	0.00	0.00	5.38	0.00	0.00	23.57	0.00	0.00
1738	12	0.00	0.00	5.74	0.00	0.00	10.11	0.00	0.00	0.00	0.00	0.00	0.00
1738	13	0.00	0.00	0.00	0.00	13.56	33.91	0.00	0.00	0.00	0.00	0.00	0.00
1738	14	0.00	0.00	0.00	0.00	0.00	16.84	0.38	0.00	0.00	0.00	0.00	0.30
1738	15	0.00	0.81	0.00	0.00	0.00	0.00	0.91	0.00	1.88	0.00	0.00	0.56
1738	16	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.64	0.00	0.36
1738	17	0.00	0.00	1.73	0.00	0.00	0.00	0.20	0.00	0.00	0.91	0.00	0.20
1738	18	0.00	0.00	0.00	0.00	2.08	0.00	0.00	0.00	0.00	0.00	0.00	2.18
1738	19	0.00	0.00	0.00	0.00	0.00	4.52	9.14	0.00	0.00	0.00	0.00	14.63
1738	20	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1738	21	0.00	0.51	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1738	22	0.41	0.00	5.38	0.00	18.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1738	23	2.13	0.00	0.41	0.00	0.00	0.00	13.77	0.00	0.00	0.00	0.00	0.00
1738	24	0.00	0.51	8.84	7.44	0.00	0.00	55.98	0.00	0.00	0.00	0.00	0.00
1738	25	0.00	6.96	0.00	18.16	0.00	5.28	2.92	0.00	0.00	0.00	0.00	0.00
1738	26	0.00	0.00	0.00	3.45	3.96	0.00	0.00	16.89	0.00	0.00	0.00	0.00
1738	27	0.00	0.00	0.00	0.00	0.00	15.82	0.00	0.00	0.00	0.00	0.00	0.00
1738	28	0.00	0.00	8.89	4.95	0.30	0.64	0.00	0.00	6.48	0.00	0.00	0.00
1738	29	0.00		2.84	0.00	0.00	4.88	0.00	0.00	14.43	0.00	0.00	0.00
1738	30	0.00		0.00	7.92	0.00	0.00	0.00	2.67	1.83	0.00	0.00	0.00
1738	31	0.00		0.00		0.00		2.41	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1739	**1**	0.00	0.00	0.00	10.54	6.91	0.00	0.00	0.00	0.00	0.00	0.41	0.00
1739	**2**	0.00	0.00	0.00	37.29	2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1739	**3**	9.78	0.00	0.00	0.00	11.05	0.00	0.00	0.00	0.00	0.00	0.00	8.26
1739	**4**	3.91	12.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.06
1739	**5**	0.00	5.46	0.00	0.00	0.00	0.00	0.00	2.18	0.00	0.00	0.00	5.99
1739	**6**	0.00	0.00	0.00	0.41	11.48	0.00	0.00	26.01	0.00	0.00	0.00	0.00
1739	**7**	0.15	0.00	0.00	0.00	2.16	0.00	0.00	0.00	4.67	0.00	0.00	0.00
1739	**8**	2.08	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.64	0.00	0.41	0.00
1739	**9**	0.00	0.00	0.00	1.83	0.00	0.00	0.00	11.43	0.00	6.78	5.03	2.34
1739	**10**	0.00	0.00	0.00	0.00	0.00	3.18	0.64	0.30	0.00	16.97	0.00	0.20
1739	**11**	0.00	0.00	24.87	0.00	0.00	4.37	0.00	0.00	0.00	16.56	0.30	0.30
1739	**12**	0.00	0.00	0.00	0.20	0.00	13.61	0.64	13.51	9.04	4.06	0.64	3.68
1739	**13**	7.42	0.00	0.00	11.38	0.00	0.00	0.86	18.92	0.00	1.96	1.14	8.03
1739	**14**	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.65	0.00	0.00
1739	**15**	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.64	0.00	2.34	0.00	0.00
1739	**16**	1.83	0.00	0.00	13.82	0.41	0.00	0.00	0.00	0.00	1.32	1.14	0.00
1739	**17**	0.00	0.00	0.00	1.93	0.81	0.00	0.00	0.00	9.70	0.00	4.24	0.00
1739	**18**	0.00	0.00	0.00	0.00	0.81	0.00	11.30	2.49	0.00	1.63	6.91	0.00
1739	**19**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.62	0.00	0.00
1739	**20**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.14	0.00	0.00
1739	**21**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1739	**22**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.20	0.00	0.00
1739	**23**	0.00	0.00	2.08	0.00	0.00	0.00	0.00	0.00	19.20	0.46	0.00	0.64
1739	**24**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00
1739	**25**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1739	**26**	0.00	0.00	7.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1739	**27**	0.00	0.00	0.30	0.00	0.00	2.64	0.10	0.00	6.15	0.00	0.00	0.00
1739	**28**	0.00	0.00	11.58	25.70	0.00	0.00	0.00	0.41	0.61	0.00	0.00	0.00
1739	**29**	0.00		0.15	0.00	0.00	0.00	30.28	12.40	0.91	0.00	0.00	0.00
1739	**30**	0.00		6.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.00
1739	**31**	0.00		8.69		0.00		13.56	0.00		0.00		0.00
1740	**1**	0.00	0.00	0.00	0.00	0.00	0.30	0.00	1.65	0.00	0.00	2.67	0.00
1740	**2**	0.00	0.00	22.66	0.00	2.13	0.18	0.00	0.00	0.00	0.00	6.76	3.71
1740	**3**	0.00	0.30	6.96	0.00	0.64	0.00	0.00	0.00	6.48	0.00	8.31	3.43
1740	**4**	0.00	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.86	0.91
1740	**5**	0.41	0.64	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14
1740	**6**	0.00	9.02	0.00	0.00	0.00	2.44	0.00	0.00	0.00	4.32	0.00	0.00
1740	**7**	0.00	7.16	0.00	2.29	6.45	5.21	0.00	0.00	0.00	0.00	0.00	0.00
1740	**8**	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00
1740	**9**	0.20	0.00	0.00	0.00	0.00	2.59	0.00	0.00	0.00	2.59	0.00	0.15
1740	**10**	11.33	0.00	0.64	0.00	2.41	22.61	0.00	3.96	0.00	13.56	0.00	0.30
1740	**11**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.61	0.00	11.43	0.00	3.86
1740	**12**	13.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.00	6.20	0.00
1740	**13**	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00	3.96	0.00	0.00
1740	**14**	16.51	0.00	0.00	0.30	0.00	0.00	0.00	2.08	0.00	0.00	9.04	0.20
1740	**15**	4.19	0.00	0.00	0.00	0.00	0.00	0.00	3.45	0.00	0.00	8.69	6.25
1740	**16**	19.35	0.00	3.10	9.53	0.41	0.00	0.00	0.00	0.15	0.00	3.61	2.08
1740	**17**	2.03	0.00	1.73	0.00	15.82	0.00	0.00	0.00	0.00	0.00	0.00	0.30
1740	**18**	0.00	0.00	0.81	0.00	0.00	11.58	0.00	0.00	0.00	0.00	0.00	0.00
1740	**19**	0.41	0.00	0.00	0.00	0.64	0.41	1.14	0.00	0.00	0.00	10.41	0.00
1740	**20**	0.00	0.00	0.00	0.00	0.86	20.35	0.00	0.00	0.00	0.00	0.30	0.00
1740	**21**	0.64	0.00	0.00	0.00	6.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1740	**22**	0.00	0.00	0.00	0.00	2.08	0.00	18.08	0.91	0.00	0.00	6.05	0.00
1740	**23**	0.00	0.00	0.00	0.00	9.04	0.00	0.00	3.94	0.00	0.00	0.00	0.00
1740	**24**	0.00	0.00	0.00	0.00	0.00	0.00	6.27	0.00	0.00	0.00	0.00	0.00
1740	**25**	0.00	0.00	0.00	0.00	0.00	0.00	1.91	0.00	0.00	0.00	0.00	0.66
1740	**26**	0.15	0.00	0.00	15.80	0.00	0.00	14.83	0.00	0.00	0.00	0.00	0.64
1740	**27**	0.00	0.00	0.00	5.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
1740	**28**	0.00	0.00	0.00	0.00	0.20	6.99	0.00	0.00	0.00	0.00	0.66	1.68
1740	**29**	0.00	0.00	0.00	0.00	5.21	0.64	0.00	0.00	0.00	0.00	0.00	11.05
1740	**30**	0.00		0.10	0.00	4.88	0.00	0.00	0.00	0.00	0.00	0.00	3.86
1740	**31**	0.10		0.00		25.60		0.00	0.00		14.58		15.34

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1741	**1**	0.00	0.00	0.00	0.00	6.81	0.00	0.00	0.00	0.20	0.00	0.00	0.00
1741	**2**	13.00	0.00	0.00	0.00	5.49	0.00	5.99	4.01	17.32	0.00	0.00	0.00
1741	**3**	0.00	0.00	0.00	0.00	2.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1741	**4**	0.00	0.00	3.43	1.40	0.00	3.35	0.00	0.00	11.56	0.00	0.00	6.15
1741	**5**	0.00	0.91	2.67	0.00	0.00	0.00	0.00	14.88	0.20	0.00	0.00	0.00
1741	**6**	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.38	0.00
1741	**7**	0.00	0.00	1.14	0.00	0.00	3.94	2.34	0.00	0.38	0.00	3.86	0.00
1741	**8**	0.00	0.00	0.00	0.00	18.44	0.00	9.27	0.00	0.00	0.00	0.00	0.00
1741	**9**	0.00	0.00	0.00	0.00	6.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1741	**10**	0.00	0.00	0.00	2.08	6.55	0.00	0.20	0.00	0.00	0.00	0.00	0.00
1741	**11**	0.00	0.00	0.00	0.41	0.00	14.58	6.50	0.00	0.00	0.00	0.00	0.00
1741	**12**	0.00	0.00	0.00	0.00	2.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1741	**13**	0.00	0.00	0.00	6.86	0.00	0.00	0.91	6.35	0.00	0.89	0.00	0.00
1741	**14**	0.00	0.00	0.00	0.56	0.00	0.00	0.81	0.00	0.00	0.61	0.00	0.00
1741	**15**	0.00	0.00	0.00	0.81	0.00	20.60	0.00	0.00	14.38	0.00	0.00	0.00
1741	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1741	**17**	3.43	0.00	0.00	0.00	0.00	0.00	26.47	0.00	0.00	0.00	0.00	0.00
1741	**18**	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64
1741	**19**	0.00	0.00	0.00	0.00	0.00	5.69	0.00	0.00	0.00	0.00	13.06	3.94
1741	**20**	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.81	13.72	6.15
1741	**21**	6.05	0.00	0.00	0.00	11.43	0.00	0.00	0.00	0.00	13.61	4.52	7.42
1741	**22**	18.08	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	5.77	0.00	0.00
1741	**23**	3.86	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	14.27	0.00	2.03
1741	**24**	9.86	0.00	0.00	0.00	11.81	6.10	0.15	0.00	0.00	0.00	0.00	0.91
1741	**25**	13.56	0.00	0.00	0.00	23.57	0.00	0.00	0.00	0.00	0.71	0.00	20.19
1741	**26**	9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.27
1741	**27**	3.35	0.00	12.34	0.00	0.00	0.00	3.96	0.00	0.00	12.85	0.00	20.62
1741	**28**	0.00	1.32	1.07	0.00	0.00	0.00	0.00	0.00	0.00	2.16	0.00	1.14
1741	**29**	0.00		0.41	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.00	22.23
1741	**30**	0.00		0.71	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.00	8.53
1741	**31**	0.00		0.00		0.00		0.00	0.00		0.00		0.71
1742	**1**	0.00	0.00	6.17	1.57	0.00	0.00	0.00	11.07	0.00	0.00	0.00	0.66
1742	**2**	25.70	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1742	**3**	0.38	0.00	0.00	0.00	0.00	0.00	0.00	2.34	1.40	0.00	0.00	1.12
1742	**4**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.60	0.00	44.70
1742	**5**	0.00	0.00	0.00	4.62	0.00	0.00	0.00	0.00	0.00	9.83	0.00	0.00
1742	**6**	0.00	0.00	0.00	0.00	44.35	0.00	0.00	11.30	0.00	0.41	0.00	0.00
1742	**7**	0.00	0.00	0.30	0.00	4.78	0.00	0.00	0.00	0.00	0.00	0.00	16.51
1742	**8**	11.30	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.71	0.00	0.00
1742	**9**	28.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	8.23	11.10
1742	**10**	0.46	0.00	4.52	0.00	0.91	0.00	0.00	0.00	0.00	28.50	11.05	8.23
1742	**11**	0.00	0.00	0.38	0.00	0.00	16.59	3.94	0.00	0.94	0.00	0.00	7.87
1742	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.97	0.00
1742	**13**	5.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.12	20.50
1742	**14**	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.86	0.00	6.27	0.00	8.00
1742	**15**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.59	31.90	0.00	0.38	0.00
1742	**16**	0.00	0.00	0.00	2.13	20.57	0.00	0.00	0.00	43.38	0.00	0.00	7.90
1742	**17**	0.00	0.00	0.00	11.30	2.95	6.73	0.00	0.00	1.07	14.63	8.18	0.61
1742	**18**	10.13	0.00	0.00	8.33	0.00	5.94	0.00	0.00	0.00	40.69	0.00	0.00
1742	**19**	25.81	0.00	0.00	38.68	0.00	15.06	3.15	0.00	0.00	0.00	0.00	0.00
1742	**20**	12.19	0.00	0.00	0.97	0.00	18.08	0.00	0.00	0.00	0.00	0.00	0.00
1742	**21**	0.00	0.05	0.00	4.27	1.07	0.00	0.00	0.00	1.14	0.00	0.00	0.00
1742	**22**	0.00	0.00	0.00	3.96	0.00	15.09	0.00	1.07	0.00	0.00	33.91	0.00
1742	**23**	0.00	0.00	0.00	6.78	0.00	2.29	0.41	0.00	0.00	0.00	1.22	0.00
1742	**24**	0.00	0.00	11.02	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1742	**25**	0.00	0.00	0.91	3.30	0.00	0.00	0.00	0.00	13.31	0.00	14.27	0.00
1742	**26**	8.74	0.00	0.00	2.18	0.00	20.62	0.00	0.00	0.00	0.00	12.34	0.00
1742	**27**	0.00	0.00	0.00	4.72	0.00	0.00	0.00	0.00	11.43	0.00	14.66	0.00
1742	**28**	22.61	0.00	0.00	0.00	6.50	0.00	0.00	0.00	0.00	0.00	27.79	0.00
1742	**29**	0.00		0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1742	**30**	0.00		1.42	0.00	0.00	0.00	0.00	0.66	0.97	0.20	0.00	0.00
1742	**31**	0.00		0.00		0.00		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1743	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	0.00
1743	2	0.00	0.00	0.00	11.94	2.24	0.00	1.27	0.00	3.15	0.00	0.00	0.00
1743	3	0.00	0.00	0.00	17.98	0.00	0.66	2.69	0.00	0.94	14.12	0.00	0.00
1743	4	0.00	0.00	0.00	1.37	0.86	0.30	0.64	0.00	0.00	27.43	0.00	0.00
1743	5	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	8.08	0.00	0.00
1743	6	0.00	0.00	0.20	0.30	0.00	0.91	16.71	0.00	0.00	0.00	0.00	0.00
1743	7	0.00	0.00	0.00	0.00	0.00	25.73	0.00	0.00	0.00	0.00	0.00	0.00
1743	8	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00
1743	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1743	10	0.00	0.00	0.00	0.00	10.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1743	11	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	9.04	0.00	0.00
1743	12	6.86	0.00	0.00	2.84	0.00	21.97	0.00	0.00	0.00	3.71	0.00	0.00
1743	13	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
1743	14	0.64	0.00	0.00	0.00	30.12	0.00	18.59	0.00	0.00	0.00	0.00	0.00
1743	15	0.00	0.00	0.00	0.00	22.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1743	16	0.00	0.00	0.00	0.00	0.00	0.00	0.20	6.45	0.00	0.00	0.00	0.00
1743	17	0.00	0.91	0.00	11.07	0.00	0.00	9.45	0.00	1.14	0.00	0.00	0.00
1743	18	0.00	0.00	0.00	0.00	0.00	0.00	3.18	76.33	0.00	1.42	0.00	0.00
1743	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.10	0.00	2.84	1.14	0.00
1743	20	0.00	0.00	0.00	34.29	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1743	21	0.00	0.00	5.89	0.00	12.24	5.23	0.00	0.00	0.00	1.09	0.00	0.00
1743	22	0.00	0.00	22.02	0.00	24.31	20.88	3.10	0.00	0.00	0.00	0.00	0.00
1743	23	0.00	0.00	0.00	0.00	0.20	24.08	0.20	0.00	0.00	0.00	0.00	0.00
1743	24	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.00	0.00
1743	25	0.00	0.00	2.49	0.20	0.00	0.00	0.00	0.00	0.00	4.78	0.00	0.00
1743	26	0.00	0.00	13.00	0.00	8.76	0.00	0.00	0.00	0.00	13.41	18.08	1.07
1743	27	0.00	0.00	0.00	0.00	12.34	0.00	0.00	0.00	0.00	11.10	1.47	1.65
1743	28	0.00	0.00	0.00	0.56	0.00	0.41	0.00	0.00	0.00	11.30	27.13	0.00
1743	29	0.00		15.44	0.00	0.00	0.00	0.00	0.00	0.00	11.84	0.00	2.84
1743	30	0.00		7.26	0.00	0.00	0.00	0.00	0.00	0.00	8.13	0.00	0.00
1743	31	0.00		0.00		0.00		0.00	0.00		0.00		0.00
1744	1	0.00	0.00	0.00	0.66	0.00	5.82	0.00	0.00	25.04	0.00	0.00	0.00
1744	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.28	0.00	0.00	0.00	0.00
1744	3	0.15	0.20	0.00	0.00	0.00	0.00	0.00	14.78	0.00	4.52	0.00	0.00
1744	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.93	0.00	0.00
1744	5	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.00	0.00	11.30	0.00	0.00
1744	6	0.00	0.00	3.20	0.00	0.61	0.00	0.38	0.00	0.00	0.66	1.07	0.00
1744	7	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1744	8	0.00	0.00	0.00	0.00	2.24	0.00	0.00	0.00	0.00	2.64	0.00	0.00
1744	9	0.00	0.00	0.00	11.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1744	10	0.00	0.00	0.00	21.74	0.00	8.28	0.00	0.00	11.58	23.16	0.00	0.00
1744	11	0.00	0.00	0.00	5.38	8.23	0.00	0.00	1.63	0.00	0.00	0.00	0.00
1744	12	0.61	0.00	0.00	0.00	5.33	0.00	0.00	4.67	0.00	0.00	2.18	0.00
1744	13	7.82	0.00	18.08	3.43	0.30	0.00	31.65	0.00	0.00	16.97	0.00	8.74
1744	14	8.13	0.00	0.00	0.00	1.91	0.00	0.00	0.97	22.61	9.04	0.00	5.54
1744	15	1.85	0.00	0.00	27.13	0.64	1.42	0.00	0.00	0.00	0.00	0.00	0.00
1744	16	6.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1744	17	1.78	28.50	1.42	0.50	0.00	26.57	0.00	0.00	0.00	0.00	0.00	0.00
1744	18	1.57	0.00	3.15	0.00	0.00	9.70	27.58	0.00	0.00	0.00	0.00	0.00
1744	19	0.00	0.00	6.15	0.86	0.00	0.00	10.72	0.00	0.00	0.00	0.00	0.00
1744	20	0.00	0.00	0.00	0.00	2.18	0.00	0.64	0.00	0.00	0.00	13.21	0.00
1744	21	0.00	7.87	0.00	0.00	0.30	0.00	0.00	12.37	0.00	0.00	40.69	0.00
1744	22	0.00	0.00	11.33	0.00	0.00	0.00	20.07	0.00	0.00	11.30	2.74	0.00
1744	23	0.00	0.00	8.64	0.00	0.00	7.47	5.89	0.97	12.29	4.93	0.81	0.00
1744	24	0.00	0.00	2.08	8.13	5.28	0.00	0.00	19.48	0.00	0.00	0.00	0.00
1744	25	0.00	0.00	0.00	8.79	0.00	0.00	0.00	0.97	10.72	0.00	0.00	0.00
1744	26	0.00	0.00	3.81	0.00	9.80	0.00	0.00	0.00	16.36	0.00	0.56	0.00
1744	27	0.00	0.00	0.00	14.43	0.00	0.91	0.00	0.00	5.74	0.00	1.42	0.00
1744	28	0.00	0.00	0.00	0.00	0.00	0.00	57.53	0.00	0.00	0.00	18.80	0.00
1744	29	0.00	0.00	0.00	3.18	0.00	0.00	0.00	0.00	0.00	0.00	13.31	0.00
1744	30	0.00		0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00
1744	31	0.00		15.80		0.00		12.83	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1745	**1**	0.00	0.00	0.00	0.00	4.62	0.00	0.00	4.17	2.18	0.00	0.00	12.60
1745	**2**	0.00	0.66	0.00	0.00	1.42	0.00	0.00	12.24	0.00	0.00	2.18	0.00
1745	**3**	0.00	22.05	0.00	5.18	9.75	0.00	0.00	0.00	0.00	0.91	5.69	0.00
1745	**4**	0.00	16.31	0.00	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20
1745	**5**	0.00	14.88	1.47	0.00	0.00	4.11	0.00	2.34	0.00	0.00	0.00	0.00
1745	**6**	0.00	6.25	0.00	0.00	3.25	1.40	0.00	0.00	0.00	0.00	11.30	0.15
1745	**7**	0.00	9.60	17.07	0.00	26.97	2.44	0.00	13.72	0.00	0.00	13.67	0.00
1745	**8**	0.00	22.05	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1745	**9**	0.00	0.00	2.74	0.00	0.00	0.00	0.00	0.91	0.41	0.00	7.92	13.77
1745	**10**	0.00	0.36	5.74	3.23	0.97	0.00	0.00	12.14	0.00	0.00	0.00	0.00
1745	**11**	0.00	4.06	2.34	0.00	0.66	3.66	2.41	0.00	0.00	0.00	0.15	0.00
1745	**12**	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	4.17	6.25	0.00
1745	**13**	0.00	0.00	44.65	0.00	5.18	0.20	0.00	0.00	0.00	0.00	7.16	6.02
1745	**14**	0.00	0.00	10.46	0.00	0.66	0.00	0.00	0.00	0.00	24.74	43.69	22.66
1745	**15**	0.00	0.00	0.00	0.00	0.00	8.18	7.26	5.64	8.94	3.99	17.20	23.32
1745	**16**	0.00	5.49	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.71	1.57	6.40
1745	**17**	4.17	5.08	0.00	0.00	10.82	0.00	0.00	0.00	0.00	5.38	0.00	4.62
1745	**18**	4.62	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	22.50
1745	**19**	0.00	0.00	0.00	5.49	0.00	0.86	0.00	1.14	0.00	0.00	19.33	9.91
1745	**20**	0.00	0.00	0.00	0.00	0.00	0.41	21.95	0.00	0.00	9.04	0.00	15.80
1745	**21**	0.00	0.00	0.00	3.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.33
1745	**22**	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.00	1.57	0.00	3.00
1745	**23**	0.00	0.00	0.00	19.41	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00
1745	**24**	0.00	0.00	0.00	0.00	0.00	7.32	4.67	3.15	0.00	0.00	0.38	0.00
1745	**25**	0.00	0.00	0.00	23.55	0.00	0.00	0.00	0.00	0.00	0.00	10.87	1.57
1745	**26**	0.00	0.00	0.00	0.00	0.00	0.00	3.51	0.00	0.00	0.00	28.55	11.02
1745	**27**	0.00	0.36	0.00	0.00	17.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1745	**28**	0.00	0.00	0.00	0.00	6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1745	**29**	0.00		0.00	19.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.77
1745	**30**	0.00		0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	33.20	0.00
1745	**31**	0.00		0.00		0.00		21.49	0.00		1.91		3.71
1746	**1**	0.00	0.00	2.69	11.84	0.41	0.00	0.00	0.20	0.00	37.13	12.40	0.00
1746	**2**	0.00	0.00	1.83	0.00	0.00	1.07	0.00	0.00	0.00	22.61	8.18	0.30
1746	**3**	1.42	0.00	0.00	1.83	0.00	0.46	0.00	0.00	0.00	42.21	13.87	2.59
1746	**4**	13.00	0.00	0.56	10.80	6.02	18.34	0.00	0.00	0.00	16.69	0.36	5.51
1746	**5**	12.40	0.00	0.00	0.00	0.00	4.83	0.00	4.57	0.00	9.04	0.00	4.37
1746	**6**	29.39	1.22	0.00	4.98	0.00	3.99	0.00	0.00	0.00	0.00	0.00	0.61
1746	**7**	10.36	0.00	0.00	9.75	0.00	0.00	0.00	0.00	24.87	0.00	0.00	0.00
1746	**8**	0.00	4.19	0.00	0.89	0.00	0.00	0.00	0.00	1.42	0.00	0.00	0.97
1746	**9**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.35	0.00	0.66
1746	**10**	0.00	0.00	5.28	19.23	0.00	45.21	0.00	0.00	0.00	1.93	0.00	0.64
1746	**11**	0.00	0.00	3.12	16.76	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00
1746	**12**	0.00	0.00	11.07	11.05	0.00	0.00	0.00	13.56	39.83	0.00	0.00	0.00
1746	**13**	0.00	0.00	0.00	0.00	0.00	1.65	0.00	1.07	23.37	18.08	0.00	0.00
1746	**14**	0.00	0.00	0.00	0.84	0.00	6.55	0.00	0.00	22.15	0.00	0.00	0.00
1746	**15**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1746	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1746	**17**	0.00	20.32	6.15	4.95	0.00	0.00	0.00	12.04	0.00	0.00	0.00	0.00
1746	**18**	0.00	9.58	0.00	2.18	0.00	0.00	0.00	1.63	0.00	0.00	0.00	0.00
1746	**19**	0.00	10.62	0.00	1.12	0.00	0.00	0.00	0.00	0.00	9.75	0.00	0.00
1746	**20**	7.80	0.00	1.57	19.79	1.17	0.00	0.00	0.00	0.00	1.32	0.20	0.00
1746	**21**	0.00	0.15	22.96	5.49	0.00	28.45	0.00	0.00	0.00	0.30	0.00	0.00
1746	**22**	0.00	7.32	0.00	0.56	0.00	7.52	0.91	0.00	0.00	12.29	13.28	0.00
1746	**23**	0.00	14.33	0.00	0.00	2.46	0.00	0.00	0.00	0.00	0.00	0.46	0.00
1746	**24**	0.00	13.59	0.00	9.04	0.64	1.42	0.00	0.00	0.00	1.47	1.17	27.13
1746	**25**	0.00	0.00	0.00	0.61	4.67	1.12	7.16	0.00	0.00	2.84	0.00	2.95
1746	**26**	0.00	0.00	0.00	0.00	0.00	22.73	2.74	0.00	0.38	0.00	2.54	0.00
1746	**27**	0.00	0.00	0.00	27.05	0.00	1.65	0.00	0.00	0.61	0.00	3.94	0.00
1746	**28**	0.00	0.00	0.00	0.00	0.00	0.46	0.00	0.00	2.59	0.00	0.00	0.00
1746	**29**	0.00		0.00	20.35	0.00	0.20	0.00	14.61	0.00	0.00	0.00	0.00
1746	**30**	0.00		0.00	0.00	0.00	0.00	0.00	18.08	0.00	12.40	0.00	0.00
1746	**31**	0.00		0.00		0.00		0.00	0.00		9.07		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1747	**1**	0.00	0.00	11.02	0.36	0.00	0.00	0.00	0.23	0.00	13.51	0.00	0.00
1747	**2**	0.00	0.00	0.66	1.42	0.00	0.00	0.00	0.00	0.00	6.43	0.00	0.00
1747	**3**	0.00	14.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1747	**4**	0.00	0.00	0.00	2.69	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00
1747	**5**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.43	0.00	0.00
1747	**6**	0.00	0.00	0.00	0.00	0.00	2.87	0.00	0.00	0.00	5.26	0.00	0.00
1747	**7**	0.00	0.00	0.00	0.00	5.26	0.00	0.00	6.86	0.00	0.00	0.00	0.00
1747	**8**	0.20	0.00	0.00	0.00	0.00	2.13	0.71	0.00	0.00	0.00	0.00	0.00
1747	**9**	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	0.00
1747	**10**	0.00	0.00	0.00	8.13	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.00
1747	**11**	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	6.25
1747	**12**	0.00	1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42
1747	**13**	0.00	0.00	0.00	0.00	0.00	0.94	2.84	0.00	0.00	0.00	0.00	0.00
1747	**14**	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.20	0.00	1.14
1747	**15**	0.00	0.00	1.17	0.00	5.59	0.00	0.71	0.00	0.00	0.00	0.00	0.00
1747	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	6.02	0.00	0.00	0.00
1747	**17**	0.00	0.00	0.00	0.00	2.16	0.00	43.23	0.91	2.69	0.00	0.00	2.03
1747	**18**	0.00	0.00	0.00	0.00	0.00	0.00	3.35	12.95	4.67	0.00	0.00	0.00
1747	**19**	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	22.40	0.00	0.00	0.00
1747	**20**	0.30	0.00	1.14	53.44	0.91	0.00	0.00	0.00	0.89	0.00	0.00	0.00
1747	**21**	0.97	0.46	1.42	1.93	2.41	0.00	0.00	0.00	0.00	0.00	0.00	5.79
1747	**22**	0.00	0.00	0.00	0.00	0.00	0.00	9.30	0.00	0.66	0.00	0.00	16.89
1747	**23**	1.70	0.00	0.00	1.12	0.00	0.00	2.16	6.81	2.62	0.00	0.00	18.52
1747	**24**	0.00	0.00	11.30	0.00	1.22	0.00	1.47	14.66	0.00	0.00	0.00	4.65
1747	**25**	0.00	0.20	0.00	2.18	0.00	5.46	0.00	8.81	18.08	0.00	0.00	0.94
1747	**26**	0.00	13.72	0.00	0.00	0.00	0.00	0.00	0.00	3.73	0.00	0.00	0.00
1747	**27**	0.97	2.59	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	6.86
1747	**28**	13.11	21.77	0.00	0.00	0.00	0.00	0.00	16.31	0.00	0.00	0.00	0.00
1747	**29**	0.00		17.93	0.00	0.00	0.00	0.00	0.00	47.47	0.00	1.42	0.00
1747	**30**	0.00		2.11	0.00	0.00	0.00	2.72	0.00	1.27	0.00	0.00	0.00
1747	**31**	10.85		5.03		16.00		0.00	0.00		0.00		0.00
1748	**1**	0.00	1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.97	0.00
1748	**2**	0.00	0.46	5.97	0.00	0.00	2.44	25.60	8.84	6.50	0.00	16.76	0.00
1748	**3**	0.00	5.59	0.00	0.00	0.00	27.13	0.66	0.00	0.00	0.00	20.62	0.00
1748	**4**	0.00	0.00	0.00	0.00	0.00	13.06	0.00	0.00	1.65	9.65	4.57	0.00
1748	**5**	0.00	0.00	1.73	0.00	0.00	24.77	0.00	0.00	0.00	1.70	9.27	0.00
1748	**6**	0.00	23.27	0.89	0.00	0.00	28.40	0.00	0.00	0.00	0.00	18.92	0.00
1748	**7**	0.00	0.00	1.07	0.00	0.00	1.07	0.00	0.00	0.00	0.00	22.66	0.00
1748	**8**	0.00	0.00	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	32.56	0.00
1748	**9**	0.10	0.00	0.00	0.61	0.00	0.00	7.82	0.00	0.00	0.00	2.39	0.00
1748	**10**	0.20	0.00	0.00	12.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1748	**11**	0.00	0.00	0.00	1.22	0.00	20.62	49.15	0.00	0.00	0.00	0.00	0.00
1748	**12**	0.00	0.00	0.00	0.00	0.00	0.00	7.77	36.73	0.00	0.00	0.00	0.00
1748	**13**	0.00	0.00	0.00	0.00	0.00	0.00	1.68	11.73	0.00	0.00	0.41	0.00
1748	**14**	2.08	0.00	0.00	18.39	7.77	0.00	0.00	0.00	18.67	0.00	0.64	0.00
1748	**15**	18.39	0.00	0.00	1.37	0.00	0.20	0.00	0.00	61.04	0.00	0.41	0.00
1748	**16**	0.00	0.00	6.35	11.61	0.00	0.10	2.79	0.00	11.58	0.00	0.00	0.00
1748	**17**	0.00	0.00	3.10	24.89	0.00	0.00	0.00	23.29	4.22	0.00	0.00	0.00
1748	**18**	0.00	0.00	0.00	0.00	0.00	0.00	7.77	1.83	31.60	0.00	0.00	0.00
1748	**19**	0.00	0.00	0.00	0.00	0.00	0.00	9.70	0.00	1.65	0.00	1.42	0.00
1748	**20**	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	6.78	0.00	0.00	0.00
1748	**21**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.71	0.00	1.57
1748	**22**	0.00	2.64	0.00	2.13	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00
1748	**23**	0.00	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.08	0.00	0.00
1748	**24**	0.00	14.33	0.71	0.00	44.78	0.00	0.00	0.00	0.00	1.22	0.00	0.00
1748	**25**	0.00	5.26	0.30	12.29	0.00	0.00	0.00	0.00	0.00	1.70	0.00	8.79
1748	**26**	0.00	1.40	6.35	0.66	13.67	0.00	0.00	0.00	0.00	0.00	0.00	5.28
1748	**27**	1.32	2.18	2.13	0.20	10.82	0.00	0.00	0.00	0.00	18.08	0.00	0.00
1748	**28**	0.00	0.00	0.00	0.00	0.00	13.87	0.00	22.96	0.00	2.44	0.00	0.00
1748	**29**	0.00	0.00	8.18	28.45	0.00	4.78	8.99	1.22	0.00	0.00	0.00	0.00
1748	**30**	0.00		2.69	0.00	0.00	2.13	0.00	0.41	0.00	0.00	0.00	0.00
1748	**31**	0.00		4.65		0.00		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1749	**1**	0.00	0.00	0.00	0.00	0.46	0.00	0.00	22.05	0.00	0.00	0.00	0.00
1749	**2**	0.00	0.00	0.00	8.18	0.00	0.00	0.00	11.48	0.00	0.00	0.00	0.00
1749	**3**	1.27	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
1749	**4**	0.00	0.00	0.00	0.00	0.00	58.27	2.36	0.00	0.00	0.00	0.00	0.00
1749	**5**	0.56	0.00	0.00	0.00	0.00	0.46	0.66	0.00	20.62	0.00	0.66	0.00
1749	**6**	3.45	0.00	0.66	0.00	0.00	16.00	0.00	10.03	1.32	0.00	22.05	0.00
1749	**7**	0.00	12.09	3.43	13.77	0.00	9.53	0.00	0.00	0.00	0.00	17.15	0.00
1749	**8**	13.77	0.71	5.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.90	0.00
1749	**9**	0.46	0.00	0.00	0.00	0.00	12.85	0.00	0.00	0.00	0.00	9.25	0.00
1749	**10**	0.81	0.00	0.81	10.57	0.00	11.23	0.00	0.00	0.00	0.00	0.00	0.15
1749	**11**	0.00	0.00	0.00	0.89	0.00	12.57	0.00	2.41	0.00	0.00	9.96	0.00
1749	**12**	0.00	0.00	0.00	7.47	0.00	40.84	0.00	9.53	0.00	0.00	1.47	0.00
1749	**13**	0.00	0.15	0.00	11.07	11.33	0.66	0.00	8.97	0.00	0.00	0.00	0.00
1749	**14**	0.00	27.13	0.00	0.00	12.14	0.20	0.00	0.00	0.00	3.96	0.00	0.00
1749	**15**	0.00	15.11	0.00	4.70	0.00	12.07	0.00	0.97	0.00	0.00	0.00	0.00
1749	**16**	0.00	16.36	0.00	9.60	9.96	1.42	0.00	0.00	0.00	0.00	0.00	0.00
1749	**17**	0.00	3.30	0.00	8.03	22.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1749	**18**	0.00	0.00	0.00	17.98	0.00	0.97	0.00	0.00	26.31	0.00	0.00	0.00
1749	**19**	13.46	0.00	0.00	8.79	52.43	0.00	5.33	0.00	1.83	0.00	0.00	0.00
1749	**20**	0.00	0.00	0.41	11.61	1.17	0.00	0.81	0.00	0.00	10.87	0.00	0.00
1749	**21**	0.66	0.00	0.00	0.00	0.00	0.64	0.00	0.00	5.99	0.00	0.00	0.00
1749	**22**	0.00	0.00	0.00	0.00	0.00	22.30	0.66	0.00	0.00	0.00	0.00	2.08
1749	**23**	22.05	0.00	0.00	0.00	0.00	1.37	0.00	0.00	0.20	0.00	0.00	0.00
1749	**24**	0.00	0.00	0.00	11.18	0.00	0.00	0.00	18.08	0.00	0.00	0.00	0.00
1749	**25**	0.00	0.00	0.00	0.00	0.00	1.17	0.00	0.00	0.00	0.30	0.00	0.00
1749	**26**	0.00	0.00	0.00	0.00	0.00	2.08	0.00	7.49	0.00	0.00	0.00	0.00
1749	**27**	7.29	0.00	0.00	0.00	0.00	8.03	0.00	13.79	0.00	0.00	0.00	0.00
1749	**28**	0.00	0.00	0.64	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.86
1749	**29**	0.00		0.64	0.00	0.00	3.71	0.00	0.00	0.00	1.70	0.00	0.00
1749	**30**	0.97		16.97	0.00	0.00	0.00	0.00	0.00	0.00	7.49	0.00	0.00
1749	**31**	0.00		14.78		7.01		0.00	0.00		0.00		0.00
1750	**1**	0.10	0.00	0.00	0.00	0.38	1.83	0.00	11.43	0.00	0.00	0.00	0.00
1750	**2**	0.00	0.00	0.00	0.66	0.97	24.77	0.00	0.00	0.00	0.00	0.56	26.82
1750	**3**	0.00	0.00	0.00	0.00	1.47	0.00	9.55	0.00	0.00	0.00	4.57	22.15
1750	**4**	1.83	0.00	0.00	0.00	7.42	0.94	0.00	15.90	0.00	0.00	15.04	8.74
1750	**5**	1.65	0.00	0.00	0.00	0.00	0.00	18.29	2.74	0.00	0.00	23.57	0.15
1750	**6**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	0.00	0.64
1750	**7**	0.00	0.00	0.00	25.30	0.00	0.00	0.00	0.94	0.00	0.00	12.32	0.00
1750	**8**	0.00	0.00	0.00	11.02	23.19	0.00	0.00	17.53	0.00	0.00	9.02	0.30
1750	**9**	0.00	0.00	0.00	0.00	22.05	0.00	39.07	0.00	0.00	0.00	0.00	0.00
1750	**10**	0.00	0.00	0.00	22.33	10.92	0.00	1.42	0.00	0.00	0.00	0.00	0.00
1750	**11**	0.00	0.00	0.00	0.41	41.07	0.00	10.34	0.00	0.00	0.00	0.00	0.00
1750	**12**	0.00	0.00	0.00	0.81	0.81	0.00	0.00	0.00	0.00	0.00	15.57	8.81
1750	**13**	0.00	0.00	0.00	0.00	0.41	1.98	0.00	0.00	0.00	0.00	2.46	0.00
1750	**14**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00
1750	**15**	2.44	0.00	0.00	10.31	0.00	0.00	0.00	0.00	0.00	0.00	12.57	0.46
1750	**16**	18.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	1.42
1750	**17**	12.24	6.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32	0.00	1.14
1750	**18**	0.00	0.00	0.00	0.00	15.65	0.00	17.17	0.00	0.00	18.29	0.00	0.00
1750	**19**	0.00	0.00	0.00	0.00	23.47	0.00	0.00	0.00	0.00	38.91	0.00	0.00
1750	**20**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.16	0.00	0.00
1750	**21**	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	34.72	0.00	0.00
1750	**22**	16.46	0.00	0.00	0.00	0.20	0.00	0.00	1.14	0.00	0.00	0.00	0.00
1750	**23**	0.00	0.00	1.07	23.98	0.00	0.00	0.00	0.00	0.71	0.00	0.00	0.00
1750	**24**	0.00	0.00	0.00	12.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1750	**25**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83	0.00	0.00
1750	**26**	0.00	0.00	0.00	0.00	0.46	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1750	**27**	0.00	0.00	0.00	10.36	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1750	**28**	0.00	0.00	0.00	5.97	0.00	0.00	0.00	0.00	11.43	7.92	0.00	0.00
1750	**29**	0.00		1.42	1.22	0.00	6.86	0.00	0.00	0.86	2.16	0.00	0.00
1750	**30**	0.00		0.64	1.42	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00
1750	**31**	0.00		0.00		0.00		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1751	1	0.00	9.07	0.00	0.46	0.30	0.00	0.00	0.00	0.00	1.17	0.00	0.71
1751	2	0.00	11.94	0.00	0.00	0.76	0.00	0.00	0.00	0.00	2.69	0.00	1.57
1751	3	0.00	12.34	0.00	0.00	0.00	5.72	0.56	0.00	23.47	71.50	0.00	0.00
1751	4	0.00	21.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.73	0.00	0.00
1751	5	0.00	0.00	7.57	0.00	9.19	4.98	6.78	0.00	0.00	32.16	3.86	0.00
1751	6	0.56	0.00	1.70	19.41	8.53	0.00	16.33	15.39	0.00	0.00	5.18	0.00
1751	7	0.41	0.41	0.00	0.91	0.00	0.00	0.00	0.33	0.00	0.86	11.81	1.93
1751	8	0.23	8.08	0.00	0.00	3.68	6.96	0.00	0.00	0.00	0.00	12.19	0.46
1751	9	0.33	2.34	0.00	0.00	5.99	0.00	0.00	0.00	0.00	1.07	0.91	0.00
1751	10	0.00	0.00	0.00	6.53	0.00	0.00	0.00	0.00	0.00	0.69	0.36	0.00
1751	11	0.00	0.00	11.61	16.89	0.00	0.00	2.95	0.05	0.00	52.17	0.00	0.00
1751	12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44	23.47	0.00
1751	13	0.18	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	14	12.19	0.00	0.00	6.30	0.00	0.00	0.00	0.00	0.00	36.20	0.00	0.00
1751	15	0.00	0.30	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.56	0.00	1.88
1751	16	0.23	19.46	0.00	15.82	1.98	0.00	0.00	7.77	0.00	0.00	0.00	3.25
1751	17	0.64	13.26	0.38	0.89	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1751	18	0.00	5.38	8.69	31.65	9.55	0.00	0.00	0.00	0.00	0.15	0.00	0.00
1751	19	0.00	0.00	2.44	0.00	1.60	0.00	0.00	0.00	0.00	0.71	0.00	14.43
1751	20	0.00	0.00	0.00	26.62	10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	21	5.89	0.00	0.00	0.00	10.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	22	0.00	0.00	0.00	0.94	0.00	0.97	37.49	0.00	0.00	20.93	0.00	0.00
1751	23	0.00	0.00	0.00	0.00	0.15	22.61	0.00	0.00	0.00	0.00	0.00	0.00
1751	24	0.56	4.42	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00
1751	25	0.97	23.77	0.00	10.16	9.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	26	0.00	22.81	0.00	11.63	1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1751	27	0.00	6.22	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86
1751	28	0.00	0.00	0.00	2.41	0.00	1.83	0.00	0.00	0.00	0.00	0.81	2.49
1751	29	0.00		0.00	0.00	0.00	0.00	23.42	0.00	0.00	0.00	20.27	0.66
1751	30	0.00		0.18	0.00	0.00	45.31	9.55	6.10	0.00	0.00	0.00	0.46
1751	31	5.99		0.00		0.00		0.10	0.00		0.00		0.10
1752	1	0.00	27.79	0.00	20.40	0.00	0.00	1.22	1.14	0.00	0.00	0.00	0.00
1752	2	0.00	0.41	0.00	1.32	0.00	0.00	1.42	14.63	0.00	0.00	0.00	0.00
1752	3	0.71	21.69	0.00	0.00	2.64	9.07	0.94	0.00	0.00	25.86	0.00	0.00
1752	4	0.00	0.20	0.00	30.86	0.00	0.00	0.20	0.00	0.00	0.38	0.00	0.00
1752	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	6	0.00	0.66	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	8	0.00	0.00	0.00	19.94	18.16	0.71	0.00	0.00	0.00	0.00	0.00	0.00
1752	9	7.54	0.00	0.00	14.68	3.15	0.00	0.00	0.00	0.00	0.00	14.81	0.00
1752	10	0.86	0.00	0.00	0.00	13.13	0.00	0.00	0.00	0.00	0.00	10.87	0.00
1752	11	0.00	0.00	0.00	0.00	0.86	17.07	0.00	42.11	0.00	0.00	12.37	0.00
1752	12	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.20
1752	13	0.00	23.55	0.00	0.00	0.00	0.00	18.95	21.01	0.00	0.00	0.00	5.49
1752	14	0.00	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	15	0.00	2.84	0.00	0.00	3.18	0.00	0.00	54.25	0.00	0.00	0.00	0.00
1752	16	0.00	2.11	0.00	0.00	17.17	0.00	31.09	0.71	0.00	0.00	0.00	0.15
1752	17	0.00	2.95	0.00	0.00	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	18	0.00	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00	0.20	0.00
1752	19	0.00	0.00	0.00	0.00	0.20	0.00	15.32	0.00	0.00	0.00	14.55	0.00
1752	20	0.00	3.43	0.00	1.17	0.00	0.00	18.49	1.45	0.00	0.00	0.00	0.00
1752	21	13.11	0.00	0.00	0.89	0.00	0.00	0.41	37.21	0.00	0.00	0.00	0.41
1752	22	11.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	25.96
1752	23	0.00	13.28	0.00	11.05	0.00	0.61	0.00	1.78	0.00	0.00	0.97	1.22
1752	24	0.56	5.51	0.00	0.00	0.00	1.32	0.00	0.00	0.00	0.00	0.00	0.00
1752	25	17.09	0.00	11.84	0.00	24.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	26	7.57	0.30	0.00	1.37	21.44	0.00	26.01	15.60	0.00	0.00	0.00	0.00
1752	27	11.33	0.00	0.00	20.22	0.69	0.00	8.79	0.00	0.00	0.00	0.00	0.86
1752	28	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.00	20.96
1752	29	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1752	30	0.00		0.00	0.00	0.00	8.53	10.01	0.00	17.17	0.00	0.00	0.00
1752	31	0.00		21.74		0.00		0.94	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1753	**1**	0.10	0.00	25.96	0.58	0.00	0.00	0.00	0.00	18.08	0.00	0.00	13.00
1753	**2**	0.00	1.93	0.97	12.70	0.00	0.00	1.35	0.00	22.33	0.00	0.86	1.70
1753	**3**	11.84	0.41	0.00	13.28	0.00	0.00	22.50	0.00	13.34	0.00	0.00	0.00
1753	**4**	16.10	15.82	0.00	14.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1753	**5**	0.30	27.86	0.00	1.68	0.71	0.00	0.00	1.73	0.00	0.00	1.42	0.00
1753	**6**	0.00	18.85	20.75	3.25	0.00	1.12	0.00	0.00	0.91	0.00	45.21	0.66
1753	**7**	0.00	8.05	14.27	7.21	0.56	0.20	0.00	0.00	0.00	0.00	16.69	0.20
1753	**8**	0.00	7.34	0.00	0.00	0.00	0.00	0.00	0.00	41.66	0.00	21.79	0.00
1753	**9**	0.00	15.44	0.00	2.44	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1753	**10**	0.00	0.00	0.00	35.36	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00
1753	**11**	0.00	0.20	0.00	0.97	0.00	12.24	0.00	9.04	0.00	0.00	0.00	0.00
1753	**12**	0.00	7.47	0.00	0.00	19.20	0.00	0.00	8.76	0.00	0.00	0.00	0.00
1753	**13**	0.20	0.66	0.00	0.00	18.29	0.00	0.00	0.00	0.00	0.20	2.64	0.00
1753	**14**	0.30	1.91	0.00	0.00	12.32	9.55	0.00	0.00	0.00	0.38	0.00	0.00
1753	**15**	0.74	0.00	0.00	0.61	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
1753	**16**	0.00	0.00	0.00	0.00	2.64	0.00	1.83	0.00	0.00	0.64	1.98	0.00
1753	**17**	38.00	0.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	22.28	0.61	0.00
1753	**18**	22.05	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00	5.49
1753	**19**	0.15	0.64	0.00	0.00	0.00	5.72	6.76	0.00	1.45	0.66	1.22	1.14
1753	**20**	1.37	0.00	0.00	0.00	0.00	0.00	28.78	3.45	0.00	7.72	4.37	0.84
1753	**21**	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.82	2.41	0.00
1753	**22**	0.00	0.00	0.00	0.00	0.00	22.30	0.00	0.00	0.00	8.31	0.00	0.00
1753	**23**	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	2.11	0.00	0.18
1753	**24**	0.00	0.00	0.00	0.00	0.00	3.15	0.00	0.00	0.00	18.52	0.00	0.00
1753	**25**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1753	**26**	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.00	0.00	29.41	0.00	0.00
1753	**27**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.64	0.00
1753	**28**	0.00	0.64	0.00	0.56	0.00	0.00	0.00	0.61	0.00	1.47	27.61	0.00
1753	**29**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	12.07	0.00
1753	**30**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.72	2.08	0.91
1753	**31**	0.00		0.00		0.00		22.50	22.61		1.98		11.30
1754	**1**	0.00	0.00	0.00	0.00	0.00	0.00	18.08	0.36	8.18	0.00	0.00	0.00
1754	**2**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.34	0.00	6.30	0.00
1754	**3**	0.00	0.30	0.00	0.18	0.97	0.00	0.00	0.58	0.00	0.00	2.64	0.00
1754	**4**	0.00	0.64	0.00	0.00	0.00	0.30	15.44	1.07	0.00	0.00	2.59	0.00
1754	**5**	0.00	0.97	0.00	0.00	2.08	0.20	0.00	0.00	0.00	0.00	0.00	0.00
1754	**6**	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	9.35	0.00	0.00	0.00
1754	**7**	0.64	37.24	0.00	0.00	0.91	0.00	0.00	0.00	0.00	6.50	0.00	12.09
1754	**8**	6.91	0.33	0.00	0.00	40.69	0.00	0.00	0.00	0.00	0.00	0.00	2.26
1754	**9**	0.46	0.00	0.36	0.20	14.73	0.00	0.00	0.00	0.00	0.00	14.27	0.00
1754	**10**	0.00	0.00	0.15	0.00	3.23	0.00	0.00	1.91	0.00	0.20	1.98	0.00
1754	**11**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	11.84	0.00
1754	**12**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.65	0.00
1754	**13**	0.00	15.29	0.00	2.34	0.00	0.00	0.00	0.00	2.74	0.00	0.84	0.00
1754	**14**	1.17	0.00	9.75	0.00	0.00	3.10	7.26	0.00	0.41	0.00	0.00	0.00
1754	**15**	0.81	0.00	1.17	0.00	0.00	0.00	0.56	0.00	0.64	0.00	2.39	1.65
1754	**16**	0.30	0.00	0.00	0.00	0.00	0.00	6.78	0.00	0.00	0.00	0.00	18.36
1754	**17**	0.00	0.00	5.46	0.00	0.00	0.00	2.62	0.00	0.00	0.00	0.00	0.00
1754	**18**	0.00	0.00	0.00	0.00	0.00	5.28	0.00	0.00	0.00	0.00	0.00	0.00
1754	**19**	0.00	0.00	0.00	3.20	0.00	12.52	0.00	0.00	0.00	0.00	0.00	0.00
1754	**20**	0.00	0.00	0.00	0.89	3.10	2.95	4.47	37.59	0.00	0.00	0.00	0.00
1754	**21**	0.00	0.00	0.86	0.00	1.37	21.46	0.00	0.00	0.00	0.00	0.00	0.00
1754	**22**	0.00	0.00	15.04	0.00	11.84	4.47	0.00	1.19	0.00	0.00	0.00	0.00
1754	**23**	0.00	0.00	18.44	0.10	0.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1754	**24**	2.39	0.00	28.96	0.00	19.71	0.00	0.00	0.00	0.00	0.00	2.74	0.00
1754	**25**	1.14	0.00	14.81	0.00	0.91	0.00	2.21	0.00	0.00	0.00	1.17	0.00
1754	**26**	2.34	0.00	0.00	0.00	0.00	0.00	0.00	27.94	0.00	12.14	13.56	0.00
1754	**27**	1.98	0.00	0.00	0.00	0.00	21.16	0.00	3.71	0.00	5.08	3.51	0.00
1754	**28**	0.53	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	4.75	0.00	0.00
1754	**29**	0.15		0.00	0.00	24.31	0.00	1.63	0.00	0.00	2.49	0.41	3.35
1754	**30**	0.20		0.46	0.00	26.29	0.00	0.00	0.00	0.00	2.36	0.00	0.20
1754	**31**	0.00		0.91		1.73		0.00	0.00		0.00		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1755	**1**	0.00	0.00	7.01	0.00	0.00	0.00	1.93	0.00	0.38	0.00	0.00	32.46
1755	**2**	0.00	0.00	2.95	0.00	0.00	0.00	7.92	0.00	0.25	38.00	0.00	0.00
1755	**3**	0.00	0.00	0.00	0.00	0.00	0.00	18.92	0.00	0.00	21.72	0.00	0.00
1755	**4**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.67	0.00	0.81	2.92	6.40
1755	**5**	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.79	5.49
1755	**6**	0.00	5.49	29.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.32	0.00
1755	**7**	0.00	0.36	5.92	0.00	9.80	0.00	27.13	0.00	0.00	0.00	0.00	0.00
1755	**8**	0.00	2.44	4.88	0.00	10.21	0.30	45.21	0.00	0.00	0.00	7.24	0.00
1755	**9**	0.00	0.00	1.70	0.00	0.00	40.13	18.69	0.00	0.00	0.00	32.56	0.00
1755	**10**	0.00	2.24	25.20	0.00	0.00	0.00	0.00	1.32	19.91	0.00	10.08	0.00
1755	**11**	0.00	1.07	1.93	0.00	0.00	0.00	0.00	0.00	0.00	1.88	7.24	0.15
1755	**12**	0.00	2.34	1.14	0.00	0.00	0.00	0.00	0.56	0.00	11.58	0.00	1.14
1755	**13**	0.00	11.30	21.89	0.00	0.00	0.00	0.00	5.46	0.00	0.38	0.00	0.00
1755	**14**	14.83	0.00	8.33	0.00	11.73	0.00	0.00	0.00	0.00	0.00	25.10	0.00
1755	**15**	0.00	0.00	0.00	0.00	0.00	12.90	0.00	0.00	0.00	21.67	7.24	0.00
1755	**16**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1755	**17**	0.00	0.00	13.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.00
1755	**18**	0.00	0.00	0.00	0.00	6.10	0.00	0.00	0.00	2.13	0.00	2.74	15.29
1755	**19**	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	32.56	38.94	0.41
1755	**20**	0.00	1.65	0.00	0.00	2.36	0.00	0.00	1.27	0.00	0.10	47.02	0.00
1755	**21**	0.10	8.74	0.00	0.00	0.00	0.00	0.46	0.00	19.00	12.62	2.16	0.00
1755	**22**	0.00	7.98	0.00	0.00	0.00	0.00	0.00	0.00	4.06	0.00	0.00	21.72
1755	**23**	0.00	0.00	0.00	0.00	0.00	0.15	0.76	0.00	5.33	0.00	0.38	0.00
1755	**24**	0.00	2.08	0.00	0.00	0.00	11.99	0.00	0.00	5.59	0.00	0.20	0.00
1755	**25**	0.00	0.66	0.00	0.00	0.00	18.16	0.00	0.00	0.00	0.00	0.41	0.00
1755	**26**	0.00	12.01	0.00	0.66	0.00	0.00	5.44	10.92	0.00	7.24	2.16	0.00
1755	**27**	0.00	0.15	0.00	0.00	0.00	0.00	9.55	34.37	0.00	0.00	0.30	0.00
1755	**28**	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.20	0.00	0.00
1755	**29**	0.00		0.00	0.30	0.20	0.00	0.00	0.00	6.60	0.00	0.00	0.00
1755	**30**	0.00		0.00	0.00	0.00	0.00	0.56	6.32	3.45	0.00	10.16	0.20
1755	**31**	0.00		0.00		0.00		2.16	28.96		0.00		0.00
1756	**1**	0.00	0.00	0.00	0.36	2.13	0.20	0.00	0.00	0.00	1.73	0.00	0.00
1756	**2**	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00	16.66
1756	**3**	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.15	18.75
1756	**4**	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	1.63	16.38
1756	**5**	0.00	0.00	0.00	6.40	0.00	0.00	12.50	0.00	0.00	0.00	7.29	27.13
1756	**6**	0.00	0.00	0.00	0.00	0.00	0.00	22.23	6.96	0.00	32.56	0.00	0.00
1756	**7**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.75	24.28	0.00	0.00	0.00
1756	**8**	0.00	0.00	0.00	0.00	0.00	2.34	1.78	0.00	31.37	0.00	0.00	0.00
1756	**9**	0.00	0.00	0.00	0.00	0.00	0.00	40.94	0.00	4.27	0.00	0.00	0.00
1756	**10**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1756	**11**	0.00	0.66	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1756	**12**	0.00	0.00	0.66	0.41	0.00	0.00	0.00	0.00	0.00	15.34	0.00	0.00
1756	**13**	4.42	0.00	0.00	0.00	0.00	0.00	32.61	0.00	0.00	0.00	0.00	0.00
1756	**14**	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.45
1756	**15**	0.00	0.00	0.00	0.00	0.64	0.00	0.00	0.00	40.34	0.00	0.00	9.96
1756	**16**	0.00	0.00	0.00	0.00	57.94	0.20	0.00	0.00	12.52	1.68	1.32	14.58
1756	**17**	0.00	0.46	0.00	31.85	0.00	0.00	0.00	2.74	9.04	1.73	12.12	24.33
1756	**18**	0.00	0.56	1.07	0.00	0.00	0.00	0.00	0.66	1.19	1.17	0.20	0.33
1756	**19**	0.00	14.68	13.41	0.00	0.00	0.00	1.32	0.00	0.00	3.25	22.96	0.00
1756	**20**	0.00	0.00	0.71	0.00	0.00	0.00	0.00	0.00	20.93	0.30	1.22	0.00
1756	**21**	0.00	0.00	0.00	0.00	0.15	14.22	0.00	0.00	1.17	0.00	0.00	0.00
1756	**22**	0.00	0.00	0.00	0.00	3.68	2.13	0.00	0.00	0.00	0.00	15.06	3.25
1756	**23**	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00	1.27	2.29	12.07	18.44
1756	**24**	0.00	0.00	0.00	0.00	9.04	0.00	0.00	0.00	0.00	30.78	13.11	1.32
1756	**25**	0.00	0.00	11.79	0.00	0.00	0.00	0.00	0.00	0.00	12.67	26.54	18.08
1756	**26**	0.00	0.00	2.67	0.00	0.00	0.00	0.76	0.00	0.00	10.85	21.29	5.54
1756	**27**	0.00	0.00	0.30	0.00	3.66	0.00	36.73	15.54	0.00	2.79	0.00	9.04
1756	**28**	0.00	0.00	0.00	0.00	12.14	0.00	0.00	0.00	0.00	0.00	0.00	2.13
1756	**29**	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.64	0.00	0.00	5.21
1756	**30**	0.00		0.00	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00	0.20
1756	**31**	0		0		0.068		0	0		0		0

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1757	**1**	0.20	0.00	0.00	3.25	0.00	1.07	0.00	0.00	0.00	0.00	0.00	1.17
1757	**2**	0.00	5.33	0.00	0.00	0.00	44.81	0.00	0.00	8.13	0.00	0.00	0.33
1757	**3**	0.00	19.99	0.00	0.00	0.00	29.87	0.00	0.00	2.06	0.00	0.00	0.00
1757	**4**	0.00	5.44	1.22	3.61	0.00	15.42	0.00	0.00	14.48	0.00	0.00	0.00
1757	**5**	0.00	0.00	8.28	0.00	0.56	0.00	0.00	0.00	0.00	0.71	0.00	0.64
1757	**6**	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00	12.67	23.52	2.13	9.22
1757	**7**	0.00	0.00	0.00	0.00	4.90	0.00	3.15	0.66	0.00	0.00	0.56	0.00
1757	**8**	0.00	0.00	0.00	0.00	29.06	16.41	0.00	22.45	0.00	14.94	0.30	19.91
1757	**9**	0.10	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.64	19.81	0.00	7.42
1757	**10**	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.33
1757	**11**	0.00	0.00	0.00	5.23	0.00	0.00	0.00	0.00	0.00	0.00	4.17	0.30
1757	**12**	0.08	0.00	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00
1757	**13**	1.73	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.00	0.00	0.00	0.00
1757	**14**	12.67	0.00	12.65	0.00	0.00	1.78	0.00	1.42	0.00	0.00	0.00	0.00
1757	**15**	2.44	0.00	0.00	0.00	0.00	0.00	0.00	4.72	0.00	0.00	0.00	3.40
1757	**16**	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.00	0.00	0.00	0.15	3.25
1757	**17**	5.46	0.00	0.00	0.00	14.33	0.00	0.00	0.00	0.00	0.00	0.00	1.65
1757	**18**	9.75	0.00	0.00	0.00	3.20	0.25	9.50	0.00	0.00	0.00	0.00	0.56
1757	**19**	0.56	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00
1757	**20**	0.00	0.00	0.00	0.86	0.00	0.00	0.00	0.38	41.61	0.00	0.00	5.59
1757	**21**	0.00	0.00	0.00	0.46	0.00	0.25	0.00	0.64	15.19	0.00	0.00	13.59
1757	**22**	0.00	0.00	0.00	2.64	0.00	0.00	1.65	0.41	30.91	0.00	0.00	0.46
1757	**23**	0.00	0.00	0.00	6.10	0.00	0.00	0.00	0.00	1.14	0.00	1.14	0.00
1757	**24**	0.00	0.00	0.00	0.00	24.71	5.33	0.00	0.00	1.42	9.04	0.00	0.00
1757	**25**	0.97	0.00	0.00	10.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1757	**26**	0.00	0.00	0.00	11.73	0.00	1.65	0.00	12.07	0.00	0.00	0.00	0.00
1757	**27**	0.46	0.00	0.00	0.91	0.00	26.59	0.00	0.00	0.56	0.00	0.71	0.00
1757	**28**	0.10	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1757	**29**	21.72		0.00	0.00	0.00	9.80	0.00	0.00	0.00	0.00	1.63	0.00
1757	**30**	7.24		0.00	0.66	0.00	1.14	0.00	17.27	0.00	0.00	11.00	0.10
1757	**31**	9.04		0.00		0.00		0.00	9.04		0.00		0.15
1758	**1**	2.34	0.00	0.00	0.00	51.99	0.00	0.00	2.34	0.00	0.00	25.60	3.20
1758	**2**	1.17	0.00	10.72	0.00	7.24	7.01	0.10	3.40	0.00	0.00	0.18	1.91
1758	**3**	0.84	0.00	30.81	0.00	0.00	3.15	3.25	4.52	0.00	0.00	0.58	5.23
1758	**4**	0.36	0.00	1.42	0.64	0.00	2.39	6.40	0.00	2.44	0.00	0.30	10.11
1758	**5**	0.15	0.00	1.07	0.00	0.00	0.00	0.20	0.00	0.20	0.00	1.78	36.37
1758	**6**	0.56	1.83	0.97	0.00	0.00	0.00	4.42	2.18	0.00	0.00	0.00	5.74
1758	**7**	0.00	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.76
1758	**8**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1758	**9**	0.00	0.00	0.00	0.00	0.56	0.00	7.52	0.00	2.39	0.30	0.00	0.00
1758	**10**	0.00	0.00	0.00	1.91	0.00	0.00	0.00	0.00	0.41	1.17	0.00	0.00
1758	**11**	0.00	2.64	0.00	0.00	0.00	0.00	8.23	1.65	0.00	0.10	0.00	0.00
1758	**12**	0.00	0.00	0.10	0.00	4.57	0.00	0.00	10.82	0.00	0.97	0.00	4.52
1758	**13**	9.98	0.00	0.00	0.00	2.24	0.00	0.00	0.00	0.00	0.15	1.14	0.00
1758	**14**	0.00	0.00	0.00	43.03	0.00	0.00	0.00	3.71	0.41	0.00	3.18	0.00
1758	**15**	0.00	0.00	0.00	26.57	0.15	5.94	0.05	1.83	0.30	3.71	22.76	0.00
1758	**16**	0.00	0.00	0.00	8.08	0.00	0.41	0.00	0.00	10.87	11.99	0.30	0.00
1758	**17**	0.30	0.00	0.05	0.56	0.00	0.00	0.00	4.60	3.96	18.42	3.45	0.00
1758	**18**	0.00	0.00	0.20	0.00	0.00	19.61	32.11	1.93	4.06	4.78	2.13	0.00
1758	**19**	0.00	0.00	6.93	0.00	0.00	53.49	5.28	0.00	0.00	0.15	0.00	0.00
1758	**20**	21.34	0.00	1.47	0.00	0.00	1.73	4.88	0.00	0.41	0.00	11.38	0.15
1758	**21**	0.36	14.48	0.81	0.00	0.00	3.15	0.00	0.00	0.00	0.00	9.70	7.32
1758	**22**	0.30	3.71	0.00	0.00	0.00	0.00	0.00	0.00	45.21	0.00	0.00	2.64
1758	**23**	0.20	19.25	0.13	7.01	0.00	0.00	0.00	0.00	18.08	26.82	0.00	0.66
1758	**24**	0.00	20.80	14.88	3.40	16.10	0.00	0.00	0.00	0.00	4.57	0.00	0.00
1758	**25**	0.00	4.11	3.35	0.18	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00
1758	**26**	0.00	0.00	0.00	1.85	0.00	8.03	0.00	0.00	0.00	12.60	0.00	0.00
1758	**27**	0.00	0.00	0.00	0.00	13.61	0.00	0.00	0.00	0.00	8.79	0.00	0.00
1758	**28**	0.00	0.00	0.00	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00
1758	**29**	0.00		0.00	18.08	0.00	50.09	0.00	0.00	0.00	0.00	49.15	0.00
1758	**30**	0.00		0.00	16.64	0.13	0.00	0.00	0.00	0.00	0.00	27.33	0.00
1758	**31**	0.00		0.00		3.61		4.47	0.00		1.57		0.86

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(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1759	1	0.00	0.00	0.00	0.30	0.00	0.00	4.14	4.37	0.00	0.00	0.00	9.02
1759	2	0.00	0.00	0.00	14.63	4.42	0.00	4.88	0.41	0.00	0.00	0.00	47.04
1759	3	0.00	0.00	0.64	32.82	0.00	0.10	0.15	14.43	0.00	0.00	0.00	9.50
1759	4	0.00	0.00	0.00	2.84	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
1759	5	0.00	0.00	0.30	0.20	0.00	6.50	0.00	0.00	0.00	0.00	0.00	0.00
1759	6	3.40	0.00	0.00	17.25	0.00	0.00	0.00	0.00	0.00	0.00	4.62	2.18
1759	7	0.00	0.00	15.14	0.00	13.36	3.12	0.00	0.00	0.00	0.00	12.34	2.92
1759	8	0.00	0.00	24.18	0.00	17.35	2.44	0.00	0.00	0.00	0.00	1.65	0.00
1759	9	0.00	0.00	3.76	0.00	11.23	3.56	0.00	0.00	0.00	0.00	0.00	0.00
1759	10	0.00	0.00	5.23	0.00	17.98	0.00	0.00	0.00	0.00	0.00	2.44	0.00
1759	11	0.00	0.00	8.33	6.25	0.89	0.00	0.00	0.00	0.00	0.00	0.00	7.52
1759	12	0.00	0.00	0.00	0.00	12.52	0.91	0.00	0.30	12.19	0.00	2.97	17.32
1759	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.65	0.00	0.00
1759	14	0.00	0.00	0.00	3.86	0.00	11.23	0.00	0.00	0.00	0.00	0.00	22.45
1759	15	0.00	0.00	0.00	15.85	0.00	0.00	0.00	0.00	2.95	4.06	0.00	0.89
1759	16	0.00	0.00	0.00	3.30	0.00	0.00	0.00	0.00	0.86	7.77	0.00	0.00
1759	17	0.00	0.00	4.70	0.00	0.00	0.00	4.27	0.00	0.00	0.00	0.00	0.00
1759	18	0.00	0.00	0.00	0.00	9.50	0.00	5.72	0.00	0.00	0.00	0.00	0.00
1759	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.00	0.89	0.00	5.23
1759	20	3.61	0.00	0.00	0.00	0.00	0.00	0.00	11.58	0.00	0.00	9.04	11.48
1759	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.42	0.30	0.00	45.52	9.75
1759	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.66
1759	23	0.00	0.15	0.00	0.00	0.00	0.08	0.00	0.00	18.67	0.00	0.00	0.00
1759	24	0.00	14.53	0.00	0.00	0.00	0.00	0.00	0.00	30.68	0.00	0.00	1.07
1759	25	0.00	10.80	0.00	0.00	0.00	0.00	4.37	0.00	3.61	0.00	0.00	0.00
1759	26	0.00	0.36	0.00	0.00	0.00	0.00	3.43	0.30	1.88	42.95	0.00	3.51
1759	27	0.00	4.14	0.00	0.00	0.00	3.20	0.00	12.04	0.00	6.22	0.00	4.42
1759	28	0.00	2.39	0.00	12.09	0.15	0.00	1.27	0.00	0.00	10.46	0.00	0.15
1759	29	0.00		0.00	0.41	4.37	0.00	0.00	0.00	0.00	0.00	12.04	0.00
1759	30	0.00		0.00	0.00	0.00	0.00	6.91	0.00	0.00	0.30	31.39	15.54
1759	31	0.00		0.41		0.00		0.00	0.00		0.00		12.67
1760	1	25.04	0.00	0.00	0.00	0.30	0.00	0.00	0.56	0.00	0.00	1.63	0.00
1760	2	6.40	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1760	3	0.00	0.00	7.21	0.00	0.00	0.00	0.00	0.00	8.53	0.00	0.38	0.00
1760	4	0.00	0.00	5.49	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00
1760	5	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.20	0.00	0.64	0.00
1760	6	0.00	0.00	0.00	0.00	0.00	1.93	0.00	0.00	0.00	10.87	0.00	0.00
1760	7	24.08	0.00	0.00	0.00	0.00	2.87	0.00	0.00	0.00	0.00	0.00	0.00
1760	8	6.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.00
1760	9	8.18	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	21.79	0.00
1760	10	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	24.79	0.00
1760	11	0.00	0.00	0.36	0.00	0.00	0.64	39.83	0.00	0.00	0.00	20.88	0.00
1760	12	0.00	0.00	0.00	0.00	0.66	0.00	23.42	0.00	0.00	0.00	11.05	0.00
1760	13	27.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.41	0.00
1760	14	0.41	0.00	0.00	0.00	0.00	0.20	0.00	0.00	2.44	0.00	0.33	0.00
1760	15	11.02	0.00	0.00	37.29	0.00	0.08	0.00	0.00	0.00	0.00	63.20	0.00
1760	16	0.00	0.00	0.00	0.00	0.00	17.12	0.00	0.00	0.00	0.00	0.66	0.00
1760	17	0.00	17.07	0.00	0.00	0.00	7.52	0.00	42.09	0.00	0.00	0.00	0.00
1760	18	0.00	28.83	3.10	0.00	0.00	0.00	0.00	0.41	8.00	0.00	0.00	0.00
1760	19	0.00	0.66	0.00	0.00	0.61	0.00	0.00	0.00	0.56	0.00	0.00	0.00
1760	20	0.00	0.46	0.00	0.00	2.21	0.00	0.36	0.00	21.79	5.46	0.00	0.00
1760	21	0.00	0.00	0.00	0.00	32.31	0.00	3.10	0.00	0.00	0.00	0.00	0.00
1760	22	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.00	0.00	4.14	0.00	0.00
1760	23	0.00	0.00	1.32	0.00	3.96	5.74	6.81	0.00	0.00	20.70	0.00	0.00
1760	24	0.00	0.00	0.00	0.00	0.00	1.19	0.15	0.00	0.00	6.35	0.00	0.00
1760	25	0.00	1.93	0.00	0.00	10.52	0.46	17.07	0.00	0.00	19.91	0.00	0.00
1760	26	0.00	0.00	0.00	0.00	0.51	21.18	0.91	0.00	0.00	0.00	0.00	0.00
1760	27	0.00	0.00	0.00	0.00	4.72	24.59	0.00	1.32	0.00	0.56	0.00	0.00
1760	28	0.41	0.38	0.00	0.00	11.07	1.32	0.00	9.04	0.00	2.08	0.00	0.81
1760	29	0.10	0.00	0.00	0.66	0.00	0.00	0.00	0.41	0.00	0.00	0.00	31.37
1760	30	0.00		0.00	0.00	1.35	0.00	0.10	23.52	0.00	36.17	0.00	11.58
1760	31	0.00		0.00		0.00		0.43	0.00		9.09		0.61

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1761	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.36	0.00	0.00	0.00
1761	2	0.00	0.00	0.00	0.00	0.00	19.51	0.00	0.00	0.00	0.00	0.15	0.00
1761	3	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	0.00	19.86	0.00
1761	4	0.00	0.00	0.00	0.10	0.00	0.38	8.28	0.00	0.00	0.00	0.00	0.00
1761	5	0.00	0.00	0.00	0.00	0.00	3.71	0.89	1.91	0.00	0.00	10.80	0.00
1761	6	0.00	0.00	0.00	2.59	0.00	0.00	0.00	34.59	0.00	18.08	18.64	0.00
1761	7	0.00	0.00	0.00	0.30	0.00	0.66	0.00	0.46	0.00	3.10	2.41	0.00
1761	8	0.00	0.00	0.00	25.70	0.10	4.42	0.00	0.00	0.00	9.04	10.24	1.93
1761	9	0.00	0.00	0.00	18.44	0.56	23.77	0.00	0.00	0.00	0.30	0.00	0.56
1761	10	0.00	0.00	11.02	0.38	15.54	8.69	0.00	0.20	0.00	0.00	2.90	0.00
1761	11	0.00	0.00	16.71	0.00	0.41	17.58	0.00	0.00	0.00	21.72	10.87	11.89
1761	12	0.00	0.00	0.51	0.00	0.00	7.24	0.71	0.00	0.66	1.83	0.00	29.57
1761	13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.49	0.00	26.87	5.23
1761	14	0.00	0.00	19.96	0.00	21.77	8.23	0.00	18.67	0.00	0.38	9.55	24.54
1761	15	0.00	0.00	7.49	0.00	0.86	12.90	0.00	21.49	0.10	6.55	11.05	0.20
1761	16	0.00	0.10	0.00	0.00	1.91	8.48	0.00	6.93	0.00	0.00	2.72	0.81
1761	17	0.00	0.00	0.00	0.00	0.00	1.85	0.00	0.00	0.00	1.37	15.80	0.00
1761	18	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	24.79	19.91	1.17	0.00
1761	19	0.00	0.18	0.00	0.00	0.00	1.42	0.00	0.00	0.00	5.23	0.00	0.00
1761	20	0.00	0.00	0.00	5.59	0.00	0.00	0.00	0.00	1.32	10.87	0.00	0.00
1761	21	0.56	0.00	0.00	0.38	0.00	0.00	0.00	0.00	37.08	0.00	0.00	0.00
1761	22	0.00	0.00	0.00	10.87	0.00	0.00	16.87	0.00	21.72	0.00	0.00	0.00
1761	23	0.00	17.37	0.15	46.79	0.00	0.00	8.53	0.00	0.00	0.00	0.00	0.00
1761	24	0.00	0.00	0.00	18.08	0.00	0.00	0.00	0.00	0.15	10.82	9.60	0.76
1761	25	0.00	0.00	0.00	7.11	0.00	0.00	0.00	0.00	0.00	25.32	3.86	18.95
1761	26	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.64
1761	27	0.00	0.00	0.00	18.08	0.00	0.00	0.00	0.00	0.46	47.63	0.00	0.00
1761	28	0.00	0.00	0.00	10.87	0.18	0.00	0.00	0.00	0.00	1.37	0.00	0.00
1761	29	0.00		0.00	0.30	0.64	1.40	0.00	0.00	0.00	0.00	2.64	0.00
1761	30	0.00		0.00	0.00	9.50	25.30	11.23	0.10	0.00	0.00	0.00	0.00
1761	31	0.00		0.00		20.04		1.14	0.00		0.00		0.00
1762	1	0.00	3.40	0.46	0.41	0.00	0.00	0.10	0.00	0.30	0.00	0.00	0.00
1762	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.00	0.00	0.00
1762	3	0.00	0.00	0.00	0.00	1.02	9.04	0.00	0.30	12.75	2.41	0.00	0.00
1762	4	0.00	0.00	0.00	0.00	0.00	0.00	3.56	1.42	0.00	12.09	0.00	8.03
1762	5	0.00	0.00	0.00	0.18	0.00	7.24	9.55	0.00	0.00	1.63	0.00	0.00
1762	6	0.00	0.00	0.00	0.00	0.00	0.81	0.00	0.00	0.00	3.10	0.00	0.00
1762	7	0.00	0.00	0.00	0.00	0.00	0.30	0.00	3.00	0.00	0.00	0.00	0.20
1762	8	0.00	0.00	0.00	3.40	0.00	0.00	0.08	0.00	0.00	11.13	0.00	3.40
1762	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.65	0.00	2.18	0.00	0.00
1762	10	6.99	0.00	1.17	0.18	0.00	0.00	0.00	0.00	0.00	18.59	0.00	0.00
1762	11	0.18	0.00	0.00	0.00	9.80	0.00	0.00	0.00	0.00	1.17	0.00	0.00
1762	12	0.00	0.20	0.00	0.00	22.76	0.38	0.00	0.00	0.00	0.00	18.67	0.00
1762	13	4.01	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	9.19	0.00
1762	14	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.64	0.00	22.05	1.22	0.00
1762	15	0.00	0.00	0.00	0.00	0.56	10.85	0.00	0.20	0.00	31.39	0.00	0.00
1762	16	0.00	0.00	0.00	0.00	0.00	0.05	0.56	11.05	28.60	0.71	0.41	0.00
1762	17	0.76	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.08	0.00	0.00	0.00
1762	18	0.66	0.15	0.00	0.33	0.00	0.00	0.00	0.00	9.04	17.40	0.00	0.00
1762	19	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	2.16	13.61	0.00	0.00
1762	20	0.00	0.10	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
1762	21	0.00	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	0.00	0.00
1762	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1762	23	0.00	0.00	0.00	0.00	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
1762	24	0.00	0.00	6.55	0.00	0.38	0.15	0.00	0.00	0.00	0.00	0.00	0.00
1762	25	0.00	0.00	0.89	0.00	0.00	0.00	0.00	0.00	14.48	25.22	5.74	0.00
1762	26	0.00	0.00	0.00	0.00	0.00	19.91	0.00	5.69	0.00	0.00	3.86	0.00
1762	27	0.00	0.66	0.00	0.00	0.00	0.30	5.44	0.00	0.00	0.00	0.00	0.00
1762	28	0.00	0.00	0.00	0.00	0.00	0.00	0.15	16.28	0.00	0.56	0.00	0.00
1762	29	0.00		0.15	0.00	0.64	0.66	1.88	0.56	0.00	22.73	0.00	0.00
1762	30	0.00		8.76	0.00	0.00	47.85	0.00	1.09	0.00	1.22	0.00	0.00
1762	31	0.00		0.71		0.00		0.00	12.70		0.61		0.00

ESM 19. Giovanni & Francesco Poleni Raw Precipitation Data (mm): 1725-1764
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1763	**1**	6.71	12.14	0.00	0.00	18.95	5.74	3.71	0.00	0.00	0.00	0.00	10.06
1763	**2**	0.66	8.99	0.41	0.00	4.19	0.84	0.00	0.00	7.01	0.56	0.00	0.00
1763	**3**	0.00	15.14	0.13	0.00	0.00	7.32	0.00	0.00	17.83	0.00	2.18	0.00
1763	**4**	24.94	11.05	0.00	0.00	0.10	0.00	0.00	0.00	0.97	0.00	13.03	0.00
1763	**5**	0.00	0.00	0.00	0.00	14.53	4.98	10.57	0.00	0.00	0.00	0.00	0.00
1763	**6**	0.15	0.10	0.00	0.00	18.54	2.90	0.00	4.93	0.00	0.08	0.00	0.00
1763	**7**	0.00	0.00	0.00	0.00	1.98	58.06	0.00	0.00	0.00	10.03	0.00	0.00
1763	**8**	0.00	0.00	0.00	0.00	3.51	17.83	0.00	0.00	10.72	0.00	15.85	0.00
1763	**9**	0.89	0.00	0.00	0.00	8.92	32.66	8.69	0.00	0.00	0.00	0.00	0.00
1763	**10**	0.00	0.00	0.00	0.00	0.00	3.94	0.00	0.00	0.00	0.33	0.00	0.00
1763	**11**	0.00	1.35	6.99	0.00	10.97	0.00	0.00	0.00	0.00	0.00	0.00	5.79
1763	**12**	0.05	10.82	0.00	0.00	7.77	0.00	0.00	0.00	0.00	0.00	0.00	1.93
1763	**13**	0.00	0.08	0.00	0.00	13.39	0.00	0.00	0.00	0.00	0.00	0.00	19.35
1763	**14**	0.00	0.41	0.00	0.00	0.00	0.00	0.00	18.69	0.00	0.00	0.00	6.96
1763	**15**	0.00	0.00	0.00	0.00	8.99	0.00	0.00	9.45	5.94	0.00	0.00	0.00
1763	**16**	0.00	0.00	0.00	0.00	12.60	0.08	0.00	0.00	0.00	0.00	0.00	2.64
1763	**17**	0.00	0.00	0.00	0.00	29.64	12.14	0.00	0.00	0.00	0.00	0.00	1.60
1763	**18**	0.00	0.00	0.00	0.56	3.76	0.00	1.17	0.00	0.00	0.00	0.00	23.42
1763	**19**	0.00	0.00	0.00	6.55	0.00	0.00	0.00	0.00	0.00	0.00	3.10	16.71
1763	**20**	0.00	0.00	0.00	6.91	0.00	0.00	0.00	0.71	11.13	0.00	0.00	0.00
1763	**21**	0.00	0.86	0.00	0.00	10.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1763	**22**	0.00	0.00	0.00	4.47	12.80	16.08	0.00	0.00	0.00	0.00	1.88	0.00
1763	**23**	0.00	0.00	0.00	0.00	8.84	2.08	0.00	0.00	0.00	0.00	0.00	0.00
1763	**24**	0.00	5.54	14.78	0.00	0.00	0.00	0.00	0.89	0.00	0.00	0.00	0.15
1763	**25**	0.00	18.85	0.00	0.00	0.00	0.00	0.00	11.35	0.00	0.00	0.00	9.50
1763	**26**	0.00	1.17	0.00	0.00	0.00	0.00	2.69	0.00	0.00	0.00	0.00	0.00
1763	**27**	0.00	0.00	0.00	0.00	24.46	0.00	0.00	0.00	15.42	0.00	0.00	0.00
1763	**28**	0.00	0.00	0.00	0.00	36.53	0.00	0.00	0.00	2.18	0.00	0.00	0.00
1763	**29**	0.15		0.00	10.01	29.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1763	**30**	31.34		0.00	10.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1763	**31**	0.71		0.00		0.00		0.00	0.00		0.05		0.00
1764	**1**	0.00	0.00	0.56									
1764	**2**	0.00	0.00	7.49									
1764	**3**	0.00	3.40	0.20									
1764	**4**	0.00	3.86	0.00									
1764	**5**	0.00	0.00	0.00									
1764	**6**	0.00	0.00	0.00									
1764	**7**	0.00	0.00	0.00									
1764	**8**	0.00	0.00	28.52									
1764	**9**	0.00	0.00	0.00									
1764	**10**	1.88	0.00	18.44									
1764	**11**	3.20	4.78	0.00									
1764	**12**	0.00	0.00	0.00									
1764	**13**	0.00	0.00	0.00									
1764	**14**	2.08	0.00	0.00									
1764	**15**	19.46	0.00	0.00									
1764	**16**	0.00	0.00	0.00									
1764	**17**	0.00	0.00	0.00									
1764	**18**	10.62	0.00	0.00									
1764	**19**	0.00	0.00	0.00									
1764	**20**	0.00	0.00	1.17									
1764	**21**	0.00	0.00	23.29									
1764	**22**	0.00	0.00	1.98									
1764	**23**	0.00	0.00	0.00									
1764	**24**	0.00	10.97	0.00									
1764	**25**	0.00	0.15	0.00									
1764	**26**	0.00	0.00	0.00									
1764	**27**	0.00	0.05	0.00									
1764	**28**	0.00	28.14	0.00									
1764	**29**	0.00	34.42	0.00									
1764	**30**	0.00		0.00									
1764	**31**	2.92		0.00									

ESM 20. Toaldo & Chiminello Raw Precipitation Data (mm): 1768-1811
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1768	**1**	0.0	0.0	0.0	0.0	13.7	1.4	0.0	0.0	0.0	0.0	0.0	12.7
1768	**2**	0.0	0.0	0.0	0.0	4.5	0.0	31.2	2.3	0.0	3.6	0.0	12.7
1768	**3**	13.7	0.0	1.5	0.0	0.6	5.0	0.0	0.0	0.2	2.3	0.0	0.0
1768	**4**	0.0	0.0	0.0	0.0	0.0	7.7	1.4	0.0	0.9	6.8	0.0	10.4
1768	**5**	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.9	0.9	0.0	9.9	0.0
1768	**6**	0.0	0.0	0.0	0.0	13.9	4.5	0.0	0.0	0.0	0.0	23.5	0.0
1768	**7**	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	7.0	0.0
1768	**8**	9.6	0.0	0.0	16.0	0.4	0.0	0.0	4.5	27.1	0.0	0.0	0.0
1768	**9**	0.0	0.0	0.2	4.7	0.0	11.8	0.0	0.0	11.1	0.0	5.9	0.0
1768	**10**	20.5	0.0	0.0	23.7	0.0	4.1	0.0	0.0	0.0	0.0	15.4	0.0
1768	**11**	2.1	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	12.2	1.4	2.3
1768	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	0.0	0.0
1768	**13**	0.0	0.0	0.0	0.0	2.3	1.4	0.0	0.0	2.3	0.0	1.4	0.0
1768	**14**	0.0	0.0	0.0	0.0	22.6	0.0	0.0	11.5	0.0	0.0	0.0	0.0
1768	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	4.5	0.0	0.0	0.0
1768	**16**	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	14.0	0.0	5.4	6.3
1768	**17**	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	27.1
1768	**18**	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	11.8	1.8	0.0	7.0
1768	**19**	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	5.4
1768	**20**	21.9	0.0	0.0	0.0	22.6	0.0	0.2	2.0	0.0	0.0	0.0	0.0
1768	**21**	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0
1768	**22**	10.8	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
1768	**23**	6.3	0.0	0.0	0.0	0.0	3.2	0.0	0.0	13.1	0.0	0.0	0.0
1768	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1768	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0
1768	**26**	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.7	0.0	0.0	0.0	0.0
1768	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	0.0	0.0
1768	**28**	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0
1768	**29**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	4.5
1768	**30**	0.0		0.0	0.0	7.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0
1768	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.5
1769	**1**	5.0	0.0	0.0	0.9	0.0	0.2	1.8	0.0	0.0	2.7	0.9	0.0
1769	**2**	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
1769	**3**	4.5	6.1	0.0	0.0	0.0	0.0	4.5	0.0	0.0	3.2	0.0	0.0
1769	**4**	0.0	4.8	0.0	19.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0
1769	**5**	3.6	16.7	0.0	30.7	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0
1769	**6**	19.9	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
1769	**7**	25.3	0.0	14.9	7.2	0.2	0.0	0.0	16.3	0.5	1.4	0.0	0.0
1769	**8**	8.6	23.3	27.4	13.8	0.0	0.0	0.0	0.0	0.0	24.9	0.0	0.0
1769	**9**	0.0	17.6	1.4	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1769	**10**	0.0	6.6	6.3	0.0	0.0	0.0	11.8	0.0	0.9	0.0	1.4	0.0
1769	**11**	0.0	5.0	1.4	0.0	0.0	0.0	12.2	0.0	1.4	0.0	0.0	0.0
1769	**12**	0.0	0.0	39.8	0.0	6.8	0.0	0.0	0.0	0.0	0.9	0.0	0.0
1769	**13**	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0
1769	**14**	0.0	0.0	19.0	0.0	35.3	2.7	0.0	0.0	0.0	0.0	0.9	18.5
1769	**15**	0.0	0.0	0.0	0.0	1.6	7.2	0.0	0.0	0.0	0.0	31.9	3.4
1769	**16**	0.0	0.0	0.0	0.0	0.0	57.9	0.5	0.0	2.3	0.0	10.4	0.0
1769	**17**	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.2	0.0	0.0	9.0	0.0
1769	**18**	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	33.5	0.0
1769	**19**	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
1769	**20**	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1769	**21**	2.5	0.0	0.0	0.0	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0
1769	**22**	11.8	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.5	5.2	16.3	2.5
1769	**23**	31.2	14.0	0.0	0.0	0.0	0.0	6.8	14.9	0.0	5.9	0.0	0.0
1769	**24**	2.3	25.8	0.0	2.7	51.1	0.0	2.7	0.0	0.0	0.5	0.0	3.4
1769	**25**	0.0	4.5	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.5	0.0
1769	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8
1769	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1769	**28**	0.0	0.0	0.0	0.0	0.0	2.7	5.0	0.0	0.0	0.0	0.0	11.3
1769	**29**	0.0		0.0	0.0	0.0	0.7	0.0	2.3	0.0	0.0	0.0	0.0
1769	**30**	0.0		0.0	0.0	0.5	0.0	0.5	0.0	0.5	3.6	0.0	0.0
1769	**31**	0.0		25.3		0.2		0.0	0.0		2.3		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1770	**1**	0.0	0.0	0.0	0.0	0.0	5.9	17.2	12.2	0.0	0.0	32.8	0.2
1770	**2**	0.0	0.0	0.0	0.0	45.2	11.3	0.0	2.5	0.0	0.0	3.8	0.0
1770	**3**	14.9	0.0	0.0	4.1	19.9	0.0	5.9	0.0	0.0	0.0	4.1	0.0
1770	**4**	0.0	0.0	0.0	6.3	0.9	0.0	1.8	0.0	0.0	0.0	0.0	12.7
1770	**5**	39.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1770	**6**	31.6	0.0	23.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
1770	**7**	2.3	0.2	4.5	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1770	**8**	0.0	33.9	0.7	0.9	3.6	0.0	0.0	0.0	23.5	0.0	0.5	0.0
1770	**9**	0.0	0.0	9.0	2.3	0.0	0.0	0.0	0.0	10.4	0.0	7.7	0.0
1770	**10**	18.8	2.3	0.0	4.1	0.0	0.0	0.2	0.0	0.0	0.0	0.5	9.0
1770	**11**	19.0	0.0	0.0	5.9	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0
1770	**12**	9.0	0.0	1.6	0.0	3.6	0.9	3.6	0.0	6.3	2.0	0.0	0.0
1770	**13**	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	10.9	5.9	0.0	0.0
1770	**14**	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	14.2	0.0	0.0
1770	**15**	0.0	0.0	0.0	9.7	10.4	0.0	0.0	15.8	0.0	28.7	0.0	0.0
1770	**16**	0.0	0.5	0.5	18.1	0.0	0.0	2.5	6.3	0.0	31.2	0.0	0.0
1770	**17**	0.0	0.2	12.2	0.0	4.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1770	**18**	0.0	0.0	34.1	0.0	2.0	11.5	0.0	27.6	0.0	6.8	0.0	0.0
1770	**19**	0.0	0.0	9.0	13.6	4.5	0.0	0.0	0.0	0.0	34.4	14.0	0.2
1770	**20**	0.0	0.0	0.0	0.0	0.0	3.4	0.0	12.7	0.0	8.1	32.1	0.0
1770	**21**	13.1	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	23.3	0.0	0.0
1770	**22**	0.0	3.6	0.0	2.3	2.5	5.2	0.0	0.0	0.5	22.6	0.0	3.4
1770	**23**	0.0	10.4	0.0	13.6	0.0	0.0	0.0	0.0	0.9	3.8	1.8	0.0
1770	**24**	0.0	1.8	1.4	51.1	0.0	7.9	6.8	0.0	0.0	3.8	0.0	0.0
1770	**25**	0.0	0.0	0.0	0.0	0.3	6.8	0.0	0.0	0.0	0.0	8.6	4.5
1770	**26**	0.0	0.0	0.0	0.0	0.0	1.4	25.5	0.0	0.0	2.5	0.9	0.9
1770	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	7.5	0.0
1770	**28**	0.0	0.0	0.9	0.7	2.5	0.0	0.0	10.9	0.0	14.5	9.9	0.0
1770	**29**	0.0		3.8	0.0	2.7	0.2	0.0	4.5	3.2	0.0	2.3	0.0
1770	**30**	0.0		17.2	0.0	30.5	0.0	0.0	9.5	0.0	1.4	7.5	0.0
1770	**31**	0.0		0.0		4.1		0.0	0.0		40.7		0.0
1771	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
1771	**2**	0.0	0.0	0.0	0.0	11.3	8.8	0.0	4.8	0.0	0.0	0.0	0.0
1771	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1771	**4**	7.2	0.0	0.0	0.0	0.0	0.0	72.8	0.0	1.1	27.3	0.0	0.0
1771	**5**	1.8	0.0	0.0	0.0	13.1	4.3	5.4	0.0	2.7	0.2	2.5	0.0
1771	**6**	0.0	0.0	20.7	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.2
1771	**7**	0.0	0.0	17.2	0.0	0.0	0.0	5.2	0.0	22.6	0.0	0.0	0.0
1771	**8**	0.0	0.0	13.6	0.0	0.0	0.5	7.0	0.5	71.9	0.0	0.0	0.0
1771	**9**	0.0	0.0	12.7	0.0	1.8	0.0	0.0	0.0	5.2	0.0	0.0	0.0
1771	**10**	0.0	50.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1771	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1771	**12**	0.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1771	**13**	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.0	0.0	0.0	0.0	0.0
1771	**14**	11.5	0.0	0.0	0.0	0.0	29.4	0.0	0.0	0.0	0.0	0.0	0.3
1771	**15**	2.7	10.9	14.5	2.3	0.0	3.6	0.0	0.9	1.8	5.2	0.0	0.0
1771	**16**	49.5	0.0	0.0	7.2	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
1771	**17**	9.3	0.0	0.2	16.7	0.0	0.0	0.0	0.0	8.6	0.0	0.0	37.1
1771	**18**	0.2	0.0	2.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3
1771	**19**	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	4.3	0.0	0.0	55.8
1771	**20**	12.7	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1771	**21**	4.5	0.0	0.0	1.6	0.2	1.4	0.0	0.0	18.3	0.0	0.0	0.0
1771	**22**	0.0	0.0	0.0	0.0	0.2	9.9	0.0	0.0	9.0	0.0	0.0	0.0
1771	**23**	0.0	0.0	16.5	0.0	0.0	0.0	0.0	0.0	33.5	0.0	0.0	62.4
1771	**24**	0.0	0.0	0.9	0.0	0.0	0.0	0.0	18.8	0.5	0.0	0.0	0.0
1771	**25**	0.0	0.0	10.4	17.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	17.4
1771	**26**	0.0	0.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3
1771	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	2.7
1771	**28**	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0
1771	**29**	0.0		0.0	2.3	0.0	3.6	10.4	0.0	0.0	0.0	0.0	0.2
1771	**30**	0.0		0.0	10.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1771	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1772	**1**	5.9	7.0	2.5	7.7	18.3	27.1	0.0	0.0	0.2	5.2	0.0	31.2
1772	**2**	0.0	3.8	0.0	0.3	7.2	0.5	0.0	0.0	0.5	3.8	0.2	0.0
1772	**3**	0.0	27.8	0.0	31.2	75.3	3.2	9.9	0.0	0.0	0.0	0.2	0.0
1772	**4**	0.0	6.1	0.0	0.0	0.0	0.0	0.0	47.9	0.0	0.0	5.7	0.7
1772	**5**	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	13.6
1772	**6**	0.0	11.8	9.3	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	11.1
1772	**7**	0.0	2.7	13.8	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	6.6
1772	**8**	5.2	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	3.4	22.6
1772	**9**	0.0	0.0	0.0	20.6	12.2	0.0	0.0	0.0	0.2	14.2	0.0	8.8
1772	**10**	0.0	0.0	0.0	25.1	24.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0
1772	**11**	0.0	0.0	0.0	0.0	33.2	0.0	0.0	2.0	0.0	0.0	0.0	0.0
1772	**12**	0.0	0.0	0.2	0.0	11.3	0.0	0.0	0.0	0.2	0.0	0.2	0.0
1772	**13**	0.0	0.5	0.2	17.4	3.2	0.2	0.0	0.0	0.0	0.0	2.5	0.0
1772	**14**	15.6	1.4	0.2	16.1	0.7	2.7	0.0	0.0	20.3	0.0	19.4	0.0
1772	**15**	0.0	0.0	0.0	1.6	2.0	0.0	0.0	9.9	0.0	0.0	12.7	0.0
1772	**16**	0.0	7.0	21.7	0.0	0.0	0.0	0.0	0.9	0.5	0.0	7.7	0.0
1772	**17**	13.4	51.5	2.0	0.0	11.3	0.0	0.5	0.0	30.7	0.0	0.5	0.0
1772	**18**	0.0	7.7	0.0	0.0	2.5	1.4	0.0	0.0	14.0	0.0	10.4	0.0
1772	**19**	48.1	0.9	0.5	6.6	0.0	0.0	0.0	0.0	0.0	0.0	27.1	0.0
1772	**20**	20.1	9.9	5.4	12.9	0.0	0.7	0.0	0.0	0.0	0.0	9.0	0.0
1772	**21**	48.0	3.4	4.8	8.4	0.0	12.2	0.9	6.8	0.0	0.0	26.7	0.0
1772	**22**	35.9	0.2	16.3	7.9	0.0	0.0	0.0	0.0	0.0	0.0	5.0	12.9
1772	**23**	45.2	0.9	11.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8
1772	**24**	18.5	2.3	0.0	0.0	1.8	0.0	0.5	0.0	0.0	0.2	0.0	8.8
1772	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	3.6	0.0
1772	**26**	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
1772	**27**	0.0	0.0	0.0	0.2	17.0	0.0	3.4	0.0	0.0	0.0	0.5	5.4
1772	**28**	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	0.0	6.6	15.1	5.7
1772	**29**	6.1	0.0	2.5	0.0	0.0	0.5	0.0	0.0	2.9	0.0	13.3	0.5
1772	**30**	7.5		5.9	57.6	0.0	1.8	0.0	0.0	0.0	0.0	8.8	0.0
1772	**31**	0.2		0.0		0.0		0.0	0.0		0.0		0.0
1773	**1**	6.3	0.0	0.9	0.2	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1773	**2**	0.0	0.0	0.0	9.0	0.5	0.0	0.0	0.0	0.0	0.0	23.1	0.0
1773	**3**	4.1	2.3	0.0	32.5	4.8	0.2	0.0	12.7	18.3	0.0	0.0	0.0
1773	**4**	0.0	0.0	0.0	0.0	23.7	0.9	0.0	0.0	0.0	5.9	0.0	0.0
1773	**5**	3.6	0.0	0.0	0.0	2.3	37.3	0.0	0.0	0.0	0.0	22.8	0.5
1773	**6**	0.0	0.0	0.0	8.4	9.0	2.3	6.6	0.0	0.0	0.0	0.2	0.0
1773	**7**	0.0	0.0	0.0	1.8	7.0	10.4	0.0	0.0	0.0	0.2	0.0	6.8
1773	**8**	0.0	7.0	0.0	3.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0	4.1
1773	**9**	0.0	18.8	0.0	0.0	0.0	6.1	0.2	0.0	2.7	0.0	17.6	9.0
1773	**10**	0.0	17.0	0.0	0.0	3.2	9.0	0.7	0.0	0.0	0.0	2.7	4.3
1773	**11**	0.0	2.7	0.0	0.9	5.2	0.0	0.0	0.0	0.0	0.0	4.5	0.0
1773	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0
1773	**13**	0.0	0.0	4.5	8.6	0.0	17.6	0.0	0.0	0.0	0.0	20.3	0.2
1773	**14**	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.2	2.3	1.4	0.7
1773	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1773	**16**	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.5	0.0
1773	**17**	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.2	0.0	0.0	37.1	3.8
1773	**18**	6.3	0.0	0.0	5.4	0.0	0.0	0.0	26.2	0.0	0.0	7.1	13.8
1773	**19**	38.0	0.0	0.0	0.0	0.0	4.8	0.0	0.7	0.0	0.0	0.0	0.0
1773	**20**	0.5	0.0	0.0	0.0	0.0	7.2	0.0	9.5	0.0	0.0	0.0	0.0
1773	**21**	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0
1773	**22**	0.0	0.0	0.0	0.0	0.0	11.8	2.3	5.7	0.0	0.0	4.1	1.4
1773	**23**	8.4	0.2	0.0	7.2	1.1	0.0	0.0	0.0	0.0	0.0	6.8	2.7
1773	**24**	0.0	5.9	0.0	1.4	0.0	0.0	0.5	2.3	5.0	0.0	3.6	24.6
1773	**25**	0.0	29.8	0.0	0.0	2.3	0.2	5.2	0.0	14.0	0.0	8.4	0.0
1773	**26**	0.0	0.0	0.0	0.0	0.0	7.5	8.6	0.0	17.2	0.0	6.3	0.0
1773	**27**	0.0	0.0	10.9	0.0	1.1	0.9	4.1	0.0	0.0	0.0	0.0	0.0
1773	**28**	3.2	0.0	0.0	2.7	7.9	4.5	11.1	11.8	47.9	0.0	0.0	0.0
1773	**29**	0.0		0.0	0.0	0.2	0.5	54.2	0.0	19.0	0.0	0.0	0.0
1773	**30**	0.0		0.0	0.0	3.2	0.0	0.0	0.0	1.1	0.7	0.0	0.2
1773	**31**	0.0		0.0		0.2		10.2	0.0		10.2		1.4

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1774	**1**	9.3	7.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1774	**2**	5.2	23.7	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1774	**3**	0.0	27.1	19.0	0.0	3.6	10.4	0.0	0.0	0.0	0.0	0.0	0.7
1774	**4**	0.0	4.8	0.0	5.2	35.3	4.1	0.0	0.0	0.0	0.0	0.0	0.5
1774	**5**	0.0	0.0	0.2	0.5	4.8	16.1	0.0	0.0	0.0	0.0	0.0	0.0
1774	**6**	0.0	0.0	0.0	0.7	0.7	1.6	0.0	0.0	4.5	0.0	12.4	0.5
1774	**7**	0.1	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	6.8
1774	**8**	0.0	0.0	0.0	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	4.1
1774	**9**	0.0	0.1	0.0	7.0	0.0	0.2	0.0	0.0	4.5	0.0	0.0	0.0
1774	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1774	**11**	0.0	3.8	5.4	0.2	0.2	0.0	10.4	0.0	4.3	0.0	0.0	7.5
1774	**12**	0.9	0.0	0.0	0.0	0.0	0.0	21.5	0.0	8.6	0.0	0.2	0.0
1774	**13**	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	5.7	0.0	0.0	0.0
1774	**14**	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.5	0.0	0.0	0.7
1774	**15**	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0
1774	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1774	**17**	0.0	0.2	6.6	10.9	35.5	0.0	0.0	24.6	59.7	0.0	0.0	0.0
1774	**18**	1.8	0.5	0.9	0.3	12.2	0.0	0.0	0.0	0.0	0.0	0.9	0.0
1774	**19**	0.2	0.0	3.8	10.6	7.7	0.0	4.8	0.2	0.0	0.0	0.9	0.7
1774	**20**	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.0
1774	**21**	0.0	0.7	6.8	0.0	0.0	0.0	22.8	0.0	0.0	0.0	0.0	0.0
1774	**22**	0.0	0.0	0.2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0
1774	**23**	0.9	1.1	0.0	0.0	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1774	**24**	36.6	0.0	0.0	0.0	0.6	0.5	0.0	0.0	1.8	0.0	6.6	0.0
1774	**25**	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	9.1	0.0	6.1	0.0
1774	**26**	0.0	0.5	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.7	0.0
1774	**27**	0.0	0.0	0.0	6.3	11.5	0.6	0.0	0.0	0.0	0.3	0.7	0.0
1774	**28**	0.0	0.0	0.0	1.4	8.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0
1774	**29**	0.0		0.0	0.0	0.7	0.0	0.0	13.6	0.0	0.0	1.1	0.0
1774	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.5	0.0	0.0
1774	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1775	**1**	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	20.6	0.0	0.2	0.0
1775	**2**	0.0	0.2	0.0	0.0	0.1	6.8	11.5	0.1	0.0	0.9	1.8	0.0
1775	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	17.9	27.4	0.0
1775	**4**	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	21.5	11.3	0.0
1775	**5**	0.0	0.0	5.0	0.0	7.0	0.0	0.0	0.1	0.0	12.2	6.8	0.0
1775	**6**	0.0	0.0	0.0	0.0	14.0	0.0	0.0	36.2	0.0	1.6	22.4	0.0
1775	**7**	0.0	0.0	0.0	0.0	2.5	15.8	0.5	16.7	0.0	0.0	12.2	0.0
1775	**8**	0.0	0.0	0.6	0.0	0.0	3.2	0.0	0.0	0.0	0.2	27.1	0.0
1775	**9**	0.0	0.2	0.0	2.9	0.0	0.0	0.0	11.1	0.0	0.0	0.2	0.0
1775	**10**	0.0	0.0	0.0	0.0	0.0	0.1	0.0	8.8	0.0	0.0	0.2	0.0
1775	**11**	0.0	0.0	16.1	0.0	0.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0
1775	**12**	0.0	2.0	0.0	0.0	0.2	0.0	0.0	0.0	15.4	0.0	0.0	0.0
1775	**13**	0.2	2.3	0.6	0.0	0.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
1775	**14**	0.0	11.3	0.0	0.0	7.9	3.2	0.0	0.0	2.5	0.0	7.2	0.0
1775	**15**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.2	0.0	0.0	0.0
1775	**16**	0.0	0.0	0.0	2.9	0.2	1.6	0.0	0.0	7.0	0.0	0.0	0.0
1775	**17**	0.0	0.0	0.0	0.0	0.3	32.2	1.6	0.0	0.0	0.0	0.0	0.0
1775	**18**	0.0	4.1	0.0	0.0	3.5	0.0	51.5	0.0	0.0	0.0	0.5	0.0
1775	**19**	7.7	0.0	0.0	0.7	0.7	0.0	6.3	0.0	0.0	0.7	0.0	0.0
1775	**20**	11.3	0.0	0.0	0.0	5.3	0.0	0.5	0.0	0.0	0.1	0.0	0.0
1775	**21**	0.2	0.0	0.0	0.0	41.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0
1775	**22**	3.4	0.0	0.0	2.3	5.4	0.2	0.0	0.0	0.0	0.0	0.1	0.0
1775	**23**	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0
1775	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	4.3
1775	**25**	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1775	**26**	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	2.5	0.0	0.0
1775	**27**	0.0	0.0	18.8	0.0	18.1	0.0	0.0	2.9	0.0	0.0	0.0	0.0
1775	**28**	0.0	0.0	12.9	0.0	14.2	1.8	0.0	0.0	0.0	0.0	0.0	5.7
1775	**29**	0.0		0.0	0.0	3.4	10.2	0.0	0.0	0.0	2.1	0.1	12.2
1775	**30**	0.0		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	1.2
1775	**31**	0.0		3.6		0.0		1.6	0.0		0.0		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1776	1	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	6.1	0.7	0.0
1776	2	0.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0
1776	3	0.0	0.2	24.6	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0
1776	4	0.0	1.1	0.0	0.9	0.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0
1776	5	0.0	0.9	0.0	0.5	0.0	12.7	0.0	1.6	0.0	0.1	0.0	0.0
1776	6	0.0	3.6	0.0	0.0	0.0	20.3	0.0	0.0	5.4	22.6	0.0	0.0
1776	7	37.5	5.2	0.0	0.0	17.6	5.7	0.0	10.2	0.0	7.5	0.0	0.0
1776	8	7.5	25.5	0.0	0.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1776	9	0.0	0.0	3.1	5.0	3.6	0.0	0.0	0.0	16.1	0.0	0.0	0.0
1776	10	0.0	9.0	0.2	29.6	4.8	0.0	10.6	0.0	0.0	0.0	0.0	0.0
1776	11	0.3	6.3	0.0	20.3	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
1776	12	0.0	10.4	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0
1776	13	10.6	4.5	0.0	0.0	0.0	5.4	1.4	0.0	0.0	0.0	0.0	0.0
1776	14	2.5	0.0	18.1	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0
1776	15	0.3	0.5	0.0	0.0	3.5	6.3	0.0	0.0	0.0	0.0	0.0	0.0
1776	16	0.1	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1776	17	0.5	0.0	0.0	0.0	12.4	0.0	0.1	0.1	2.5	0.0	0.0	5.4
1776	18	80.9	18.3	0.0	0.0	2.3	0.1	0.0	0.0	0.0	0.0	0.2	4.8
1776	19	0.0	0.0	0.0	0.0	1.8	5.9	0.0	0.0	7.7	0.0	3.2	0.0
1776	20	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	4.8	0.0	0.0	0.0
1776	21	0.0	0.0	0.0	0.5	23.5	0.0	0.5	0.0	4.1	0.0	0.0	0.0
1776	22	6.8	0.0	0.0	22.2	11.5	0.0	4.8	0.0	0.0	0.0	0.0	0.0
1776	23	10.9	8.1	0.0	0.0	0.0	0.0	0.0	13.6	9.7	0.0	0.0	0.0
1776	24	0.0	0.0	0.0	0.0	20.1	0.0	0.0	2.3	12.4	0.0	5.2	0.7
1776	25	0.0	0.5	0.0	0.0	0.0	0.0	2.0	0.1	0.0	0.5	0.0	0.0
1776	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.2	0.0	0.0
1776	27	0.0	0.5	0.0	23.5	0.0	0.1	5.0	0.0	7.0	9.7	21.2	0.0
1776	28	0.0	13.8	0.0	0.0	0.0	1.1	0.0	10.6	37.3	22.6	0.0	0.0
1776	29	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	4.8	0.0	0.0
1776	30	0.0		0.0	0.0	0.0	0.2	1.0	0.0	1.6	9.0	36.6	1.4
1776	31	0.0		0.0		0.0		0.0	0.0		0.0		2.9
1777	1	17.2	0.0	0.0	0.7	0.2	0.1	2.3	0.5	0.2	0.0	2.3	0.0
1777	2	30.3	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	1.1	0.2
1777	3	5.7	0.1	0.5	0.0	0.0	0.0	0.0	0.0	7.0	3.0	0.0	0.0
1777	4	0.0	0.5	0.0	1.1	0.1	0.0	0.0	1.4	0.0	0.0	0.0	0.0
1777	5	0.0	1.8	6.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1777	6	0.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7
1777	7	0.2	8.1	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.2
1777	8	5.9	4.1	0.1	0.0	0.0	31.6	15.8	0.0	0.0	0.0	7.5	0.0
1777	9	3.2	0.0	5.8	0.0	0.0	5.0	1.1	0.0	0.0	0.0	0.0	0.0
1777	10	0.0	0.5	0.0	0.1	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0
1777	11	2.5	15.4	0.0	0.0	19.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0
1777	12	0.0	14.5	30.5	0.0	16.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
1777	13	0.0	0.0	3.6	0.0	0.0	61.9	0.0	0.0	0.0	17.6	0.0	0.0
1777	14	0.0	0.0	0.2	8.6	0.2	0.2	0.5	0.0	0.0	9.5	0.0	0.0
1777	15	0.0	1.4	0.0	6.4	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.1
1777	16	0.0	9.0	4.3	0.1	14.2	0.0	0.0	0.0	0.0	17.9	13.8	0.0
1777	17	0.0	17.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	2.5	0.0	0.2
1777	18	0.0	0.0	0.0	27.6	0.1	0.0	0.0	0.0	0.0	21.7	0.0	23.5
1777	19	0.0	5.2	0.0	3.4	7.5	0.0	0.0	1.8	0.0	17.6	0.0	1.8
1777	20	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	27.1
1777	21	15.6	0.0	1.4	0.0	1.4	0.3	0.1	0.0	0.0	0.0	0.0	12.9
1777	22	23.5	3.4	0.0	0.0	0.0	63.3	0.0	2.5	0.0	0.0	0.0	1.6
1777	23	0.0	0.0	0.0	0.0	0.0	0.7	16.3	0.0	2.5	0.0	0.0	0.0
1777	24	10.4	0.0	0.0	0.0	7.8	51.1	26.4	0.0	0.5	0.0	0.0	1.1
1777	25	5.4	0.0	0.0	1.1	6.4	2.7	0.0	0.0	28.0	0.0	0.0	4.5
1777	26	2.3	0.2	0.0	0.0	7.5	0.0	0.0	0.0	27.1	0.1	0.0	1.8
1777	27	0.0	0.0	0.0	0.0	7.9	0.0	9.3	0.0	0.0	15.4	0.0	27.1
1777	28	0.0	0.0	0.0	0.0	0.0	0.0	32.1	0.0	0.0	0.2	0.0	5.0
1777	29	0.0		0.0	0.0	2.3	0.0	0.0	0.0	0.0	8.6	0.0	6.3
1777	30	0.2		0.0	0.0	0.0	4.5	0.0	0.0	0.0	1.1	0.1	19.7
1777	31	0.0		5.2		5.6		0.0	0.0		0.0		0.7

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year	day	1	2	3	4	5	6	7	8	9	10	11	12
1778	1	3.4	0.0	11.3	0.0	0.7	0.0	0.0	12.2	0.0	4.5	0.0	3.2
1778	2	10.4	0.0	0.2	0.0	0.0	0.0	0.0	11.1	0.0	3.2	0.0	0.0
1778	3	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1778	4	1.4	0.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	33.0
1778	5	0.0	0.0	2.3	0.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.9
1778	6	0.0	0.0	0.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	25.5	0.0
1778	7	0.0	0.0	0.1	0.0	0.0	2.3	0.0	0.0	5.2	0.0	33.7	0.0
1778	8	0.0	0.0	5.7	0.0	0.0	27.6	0.0	2.0	0.0	15.8	0.0	0.0
1778	9	0.0	0.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	2.3	29.6	0.0
1778	10	2.7	0.0	3.2	0.0	0.0	0.0	6.3	0.0	0.0	13.6	0.2	0.0
1778	11	4.5	0.0	0.0	3.7	0.0	0.2	0.0	0.0	26.7	0.0	0.0	2.3
1778	12	0.0	0.2	0.0	0.0	0.0	0.2	1.8	0.0	0.0	0.0	0.0	0.0
1778	13	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	3.6	0.2	0.0
1778	14	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.2
1778	15	9.7	2.3	0.0	0.0	5.9	28.7	0.0	0.0	0.0	4.8	0.0	0.0
1778	16	4.3	15.4	0.0	2.5	0.0	23.5	0.0	7.0	0.0	2.5	0.2	0.0
1778	17	6.8	8.6	0.0	7.7	0.0	3.2	0.0	0.0	0.0	0.0	14.5	0.0
1778	18	0.0	0.0	0.0	2.5	0.0	1.1	0.0	0.0	14.5	0.0	9.3	0.0
1778	19	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1778	20	1.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0
1778	21	8.1	0.0	0.0	8.4	0.2	2.5	1.4	0.0	0.0	0.0	0.0	0.0
1778	22	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1778	23	0.0	0.1	6.8	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1778	24	0.2	6.8	2.3	34.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1778	25	0.0	0.0	3.8	4.1	0.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0
1778	26	0.0	0.0	0.0	4.1	22.6	0.0	0.0	0.0	11.3	0.0	0.0	0.0
1778	27	4.5	0.0	0.0	0.0	1.4	0.0	0.0	18.3	11.3	0.7	0.0	0.0
1778	28	0.0	0.0	0.0	0.0	4.1	13.8	0.0	0.0	6.3	0.0	1.8	0.0
1778	29	0.0		0.0	0.0	0.0	3.6	0.0	0.0	14.0	0.0	12.4	0.0
1778	30	0.0		0.0	0.9	0.0	12.0	0.0	0.0	11.5	0.9	14.0	0.0
1778	31	0.0		0.0		0.0		0.0	9.9		0.0		0.0
1779	1	0.0	0.0	0.0	0.0	0.0	24.9	0.0	0.0	0.0	0.0	0.0	0.0
1779	2	0.2	0.0	0.0	0.0	3.4	2.3	0.0	0.0	0.0	65.1	0.0	0.0
1779	3	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	8.8	0.0	0.0
1779	4	0.0	0.0	0.0	0.0	10.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0
1779	5	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	3.2	0.0	0.0
1779	6	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	12.4	9.9	0.0	0.0
1779	7	0.0	0.0	0.0	10.9	0.0	0.0	28.7	2.7	2.7	9.9	0.0	0.0
1779	8	0.0	0.0	0.0	0.0	1.8	0.1	0.0	5.4	0.0	0.0	3.4	0.0
1779	9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	12.7	0.0	0.0	0.0	0.0
1779	10	0.0	0.0	0.0	0.0	0.2	0.3	7.0	0.0	0.0	14.7	0.9	0.0
1779	11	0.0	0.0	0.0	0.0	1.4	23.3	0.0	0.0	0.0	40.7	0.0	0.0
1779	12	0.0	0.0	0.0	0.0	6.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
1779	13	0.0	0.0	0.0	0.0	2.0	13.3	0.0	3.4	0.0	0.0	0.5	2.7
1779	14	0.0	0.0	0.0	0.0	0.9	7.9	0.0	0.0	18.1	0.0	0.0	0.0
1779	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	0.0
1779	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1779	17	0.0	0.0	0.0	0.0	0.0	23.3	0.0	0.0	0.0	0.0	6.1	0.0
1779	18	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	11.3	0.0
1779	19	0.0	0.0	0.0	0.0	5.4	36.6	1.6	0.2	0.0	0.0	22.8	0.0
1779	20	0.0	0.0	0.0	0.0	15.4	6.1	0.0	0.5	16.1	0.0	19.4	0.0
1779	21	0.0	0.0	0.7	0.0	0.0	0.0	0.0	10.9	0.0	0.0	5.2	6.1
1779	22	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	18.8
1779	23	0.0	0.0	0.0	0.0	0.0	8.6	0.0	75.2	0.0	0.0	14.5	1.1
1779	24	0.0	0.0	0.0	0.0	0.0	7.5	0.0	12.9	0.0	0.0	0.0	4.3
1779	25	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	5.2
1779	26	0.0	0.0	0.0	4.1	0.1	0.0	2.9	0.0	0.0	0.0	6.3	20.8
1779	27	0.0	0.0	0.0	8.1	0.2	0.0	2.5	0.0	0.0	0.0	18.3	12.2
1779	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0
1779	29	0.0		0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.2	9.9
1779	30	0.0		0.0	0.0	0.2	0.2	0.0	0.0	0.2	0.2	0.0	0.0
1779	31	0.0		0.0		45.2		0.3	0.0		0.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1780	**1**	0.0	3.6	0.0	5.0	0.0	0.0	0.0	3.4	0.0	7.5	0.0	0.7
1780	**2**	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1780	**3**	0.0	13.1	0.7	1.4	0.0	0.0	0.9	0.0	0.0	0.0	0.1	0.0
1780	**4**	0.5	0.7	4.5	19.2	0.0	0.0	0.0	0.0	7.2	0.2	0.0	0.0
1780	**5**	0.0	0.2	0.7	14.5	0.0	0.0	0.0	0.0	6.8	0.1	0.0	0.0
1780	**6**	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	15.4	0.0	0.0
1780	**7**	0.0	0.0	0.0	0.0	0.0	0.0	15.4	3.6	0.0	0.0	5.0	0.0
1780	**8**	0.0	0.0	0.0	0.1	0.0	7.5	0.0	2.7	27.1	2.9	2.5	0.0
1780	**9**	0.0	0.0	0.0	1.4	0.0	18.1	8.4	5.7	7.7	24.2	0.0	0.0
1780	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	40.7	0.0	0.0
1780	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.0
1780	**12**	1.1	0.0	0.0	0.9	0.5	10.9	0.0	7.9	0.0	1.1	0.0	0.0
1780	**13**	0.0	0.0	0.0	28.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1780	**14**	0.0	0.0	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1780	**15**	0.2	0.0	0.0	0.3	0.9	9.3	1.1	7.0	0.0	0.0	6.3	0.0
1780	**16**	14.2	0.0	1.5	0.0	3.8	25.3	0.5	8.6	0.0	0.0	36.4	0.0
1780	**17**	5.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1780	**18**	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.9	0.0	3.6	0.0
1780	**19**	0.0	0.0	0.0	0.3	0.0	0.0	2.0	55.4	43.4	0.0	3.2	0.2
1780	**20**	0.0	8.4	0.0	0.0	8.1	0.0	2.0	0.0	0.0	0.0	2.9	1.8
1780	**21**	4.5	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	11.8	0.2	0.7
1780	**22**	1.8	1.6	0.0	0.0	0.0	7.7	0.0	0.0	34.8	3.2	0.0	1.1
1780	**23**	0.0	0.0	0.2	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	4.8
1780	**24**	6.8	0.0	0.0	0.2	5.0	0.0	0.2	43.6	0.0	0.0	20.8	0.0
1780	**25**	13.6	0.0	0.0	0.5	0.0	0.0	0.0	13.8	0.0	0.0	1.4	0.0
1780	**26**	0.0	5.9	0.0	0.5	0.0	3.4	1.6	2.3	0.0	0.0	0.0	0.0
1780	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.0	0.0
1780	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	4.8	8.1	7.7
1780	**29**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
1780	**30**	2.5		0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1780	**31**	7.2		2.5		0.0		0.0	0.0		0.0		0.0
1781	**1**	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.1	2.0	2.3
1781	**2**	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1781	**3**	17.6	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	6.8	0.1	0.0
1781	**4**	0.0	0.0	0.0	5.7	14.5	0.0	0.0	0.0	0.0	12.0	0.9	0.5
1781	**5**	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0
1781	**6**	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
1781	**7**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.8	0.5	0.0	0.0
1781	**8**	0.0	0.0	0.0	0.0	6.6	1.4	0.0	0.0	30.5	0.0	10.6	0.0
1781	**9**	0.0	0.1	0.0	0.0	14.9	14.2	0.1	0.1	8.1	0.0	5.2	1.8
1781	**10**	0.0	1.5	0.0	0.0	4.8	13.6	0.0	6.6	30.1	0.0	0.0	0.0
1781	**11**	0.0	6.3	0.1	0.0	2.5	26.2	0.0	0.0	0.5	0.0	0.0	0.0
1781	**12**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1781	**13**	9.3	0.2	0.0	5.7	0.0	0.5	0.0	0.1	0.0	0.0	0.0	0.0
1781	**14**	14.3	0.3	0.0	21.0	0.0	6.6	0.0	9.0	0.0	0.0	0.0	0.0
1781	**15**	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
1781	**16**	0.0	0.0	0.0	0.0	0.0	0.0	22.2	20.3	0.0	0.0	0.7	0.0
1781	**17**	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	14.9	0.0	0.0	0.2
1781	**18**	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	2.7
1781	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.9	10.9	0.0	5.9	0.0
1781	**20**	0.0	0.0	0.1	0.0	0.0	7.0	6.3	0.0	0.0	0.0	0.0	0.2
1781	**21**	0.9	0.1	0.0	0.3	0.0	10.2	0.0	39.8	0.0	0.0	15.8	0.0
1781	**22**	0.0	15.8	0.0	0.0	0.0	1.4	0.0	0.0	15.8	0.0	2.0	0.0
1781	**23**	0.0	0.1	0.0	0.0	0.0	3.2	0.0	0.0	7.0	0.0	0.1	0.0
1781	**24**	1.8	0.0	0.0	4.3	40.7	63.3	0.0	0.0	0.0	0.0	0.0	0.0
1781	**25**	1.8	0.0	0.0	1.6	27.8	30.5	0.0	0.0	0.5	0.2	8.1	0.0
1781	**26**	0.2	7.0	0.0	1.4	0.0	5.7	0.0	0.0	0.0	2.0	7.0	0.0
1781	**27**	0.0	0.0	0.0	8.1	0.0	1.4	11.3	0.0	0.0	3.4	16.1	0.3
1781	**28**	0.0	0.0	41.4	1.1	0.0	0.0	0.0	0.0	0.0	28.9	29.2	0.0
1781	**29**	0.0		11.1	6.6	0.0	0.0	0.0	0.0	0.0	19.0	0.0	0.0
1781	**30**	0.0		0.0	29.8	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0
1781	**31**	0.0		0.0		0.0		0.0	0.0		9.3		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1782	**1**	0.0	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.1	2.6	6.8	0.0
1782	**2**	0.0	0.0	0.0	4.8	0.0	0.0	0.0	3.4	0.0	15.2	0.0	1.9
1782	**3**	0.0	0.0	19.9	13.6	0.0	7.2	7.5	0.0	0.0	3.0	0.0	4.3
1782	**4**	0.0	0.0	1.6	5.2	5.7	2.9	0.0	0.0	0.0	0.8	32.0	0.0
1782	**5**	0.0	0.2	0.0	0.2	6.6	0.0	5.0	0.0	0.0	0.1	2.3	0.0
1782	**6**	0.0	14.0	0.0	0.2	0.0	0.5	0.0	0.0	0.0	0.0	23.9	5.6
1782	**7**	0.9	0.0	0.0	0.0	0.0	4.3	0.5	0.5	0.0	0.0	9.6	0.8
1782	**8**	1.1	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.1	0.0	0.0
1782	**9**	0.0	6.3	1.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1782	**10**	0.3	0.0	4.5	19.7	6.1	0.0	0.0	3.4	0.0	0.1	0.0	0.6
1782	**11**	22.6	0.0	0.0	2.0	0.0	0.0	0.0	0.5	2.3	2.9	11.8	0.0
1782	**12**	0.0	0.0	0.0	0.9	1.4	0.0	0.0	0.0	4.1	0.0	8.8	0.0
1782	**13**	0.0	0.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.1	0.0	0.0
1782	**14**	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1782	**15**	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0
1782	**16**	0.0	0.0	0.2	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1
1782	**17**	0.0	0.0	0.0	19.9	0.0	0.0	0.0	0.0	0.5	0.0	16.4	0.0
1782	**18**	3.6	0.0	0.0	0.0	0.0	1.6	9.0	0.0	5.2	0.0	0.0	0.0
1782	**19**	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	3.8	0.2	0.0	0.0
1782	**20**	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1782	**21**	0.7	0.0	0.0	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0	0.0
1782	**22**	0.0	0.0	2.7	3.8	5.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
1782	**23**	0.0	2.5	6.1	0.3	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0
1782	**24**	0.0	2.5	0.0	0.0	3.2	0.0	0.0	0.0	0.7	0.0	0.0	0.0
1782	**25**	0.2	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	25.4	0.0	0.0
1782	**26**	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
1782	**27**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
1782	**28**	0.0	0.0	0.0	16.5	0.0	0.0	0.0	0.0	0.0	0.2	3.0	0.0
1782	**29**	1.2		0.0	0.0	0.0	41.6	0.0	0.0	0.0	32.4	0.0	0.0
1782	**30**	8.4		0.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0
1782	**31**	14.2		6.1		0.0		2.0	0.0		0.0		0.0
1783	**1**	0.0	0.4	0.0	0.0	0.0	0.6	0.0	0.0	13.9	1.7	0.0	0.0
1783	**2**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	8.6	1.1	0.0	0.0
1783	**3**	0.0	0.0	0.0	0.0	0.0	0.4	0.8	0.0	0.0	0.0	0.0	0.0
1783	**4**	0.0	0.0	16.7	0.0	0.0	10.2	3.0	1.7	0.0	0.0	0.0	1.9
1783	**5**	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	13.9	0.0	0.2	6.0
1783	**6**	0.0	0.2	17.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1783	**7**	0.0	0.0	0.0	0.0	4.5	0.9	0.2	0.0	0.0	0.0	0.0	0.0
1783	**8**	0.0	0.6	0.0	0.0	13.0	0.6	0.0	24.6	0.0	0.4	0.2	14.9
1783	**9**	0.2	0.4	0.0	0.0	0.8	0.0	0.0	0.0	0.0	15.8	0.0	0.0
1783	**10**	0.2	15.2	0.0	0.0	1.3	0.4	0.2	0.0	0.0	20.3	0.0	0.0
1783	**11**	0.0	0.0	23.1	0.0	0.0	3.8	0.0	0.0	0.0	5.1	0.0	0.0
1783	**12**	1.5	0.0	17.1	0.1	0.0	0.0	26.3	11.8	0.0	5.3	0.0	0.0
1783	**13**	3.2	16.0	11.1	0.0	0.0	0.0	0.0	3.0	3.0	0.0	0.0	0.0
1783	**14**	0.0	14.9	0.0	0.0	0.0	0.2	0.0	3.4	0.0	0.0	1.1	0.0
1783	**15**	0.0	0.0	0.0	0.0	0.0	0.2	22.6	0.6	0.0	0.0	0.0	0.0
1783	**16**	0.6	0.2	0.0	0.0	0.0	4.0	0.0	0.2	15.4	0.1	0.0	0.0
1783	**17**	0.4	0.0	0.0	0.0	0.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0
1783	**18**	0.0	0.0	0.0	0.0	0.1	3.6	0.0	0.0	0.2	0.0	0.0	0.0
1783	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0
1783	**20**	0.0	0.6	0.0	0.0	0.2	0.2	0.0	2.6	0.0	0.0	0.0	0.0
1783	**21**	0.0	9.2	0.0	13.5	0.0	10.3	2.4	7.5	0.0	0.0	0.0	0.0
1783	**22**	20.3	0.0	0.1	0.0	0.2	15.2	0.0	0.0	10.5	0.0	0.1	3.2
1783	**23**	7.3	0.6	0.2	0.0	23.5	0.0	0.0	0.0	0.0	0.0	0.0	6.4
1783	**24**	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1783	**25**	0.0	0.0	0.0	0.0	0.2	9.4	0.9	0.0	0.0	1.9	0.0	0.0
1783	**26**	0.0	0.0	0.6	0.0	6.6	0.0	0.0	0.0	0.0	27.8	0.1	5.8
1783	**27**	0.0	0.0	0.0	0.0	25.4	0.0	0.0	1.9	0.0	0.8	0.0	7.1
1783	**28**	19.9	0.0	3.8	0.0	28.8	0.0	0.0	0.0	0.1	2.8	0.0	7.1
1783	**29**	2.3		0.2	0.0	9.4	0.2	0.0	0.0	0.2	6.8	0.0	2.1
1783	**30**	0.0		0.0	0.0	7.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1783	**31**	0.0		0.0		13.7		0.0	0.0		0.0		0.2

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1784	**1**	0.9	0.0	0.0	4.7	0.6	0.0	1.1	0.0	0.0	0.0	9.4	1.1
1784	**2**	0.0	0.0	0.0	9.4	0.0	0.6	0.0	0.0	0.8	8.1	0.0	3.6
1784	**3**	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	23.1	0.0	0.0	0.0
1784	**4**	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0
1784	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.1
1784	**6**	0.0	0.0	0.0	0.9	0.0	8.3	0.0	0.0	0.0	0.0	6.4	0.0
1784	**7**	0.0	11.8	18.6	1.9	0.0	4.1	0.0	0.0	0.0	0.4	10.2	0.6
1784	**8**	0.0	0.0	14.5	0.0	0.0	8.7	1.1	1.1	0.0	0.0	0.0	1.5
1784	**9**	0.0	0.0	0.0	0.0	0.0	4.1	0.4	16.7	0.0	0.0	0.9	3.8
1784	**10**	0.0	7.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.8	25.9
1784	**11**	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.2	0.0	6.0	3.2	0.0
1784	**12**	5.6	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4
1784	**13**	0.0	0.0	0.0	4.3	5.7	10.2	0.0	0.4	0.0	0.0	0.0	0.0
1784	**14**	0.0	3.0	0.0	0.6	5.6	8.1	0.0	0.0	0.0	0.0	0.0	0.0
1784	**15**	0.2	2.4	0.0	7.5	0.0	0.0	1.5	0.2	0.0	0.0	0.0	7.9
1784	**16**	0.0	20.3	15.0	3.8	0.0	0.0	10.5	0.0	0.0	0.0	0.2	18.7
1784	**17**	9.2	3.0	0.0	22.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	8.2
1784	**18**	30.1	0.0	1.9	3.6	0.0	0.2	0.0	4.5	1.5	2.6	0.0	2.1
1784	**19**	11.3	0.0	3.0	0.2	0.0	28.0	0.0	3.6	0.0	0.3	1.7	0.0
1784	**20**	10.2	0.0	0.8	0.0	0.0	0.0	0.0	0.9	11.3	43.4	0.0	0.2
1784	**21**	24.6	0.0	3.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1784	**22**	0.0	37.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
1784	**23**	0.0	0.0	2.4	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	6.4
1784	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	6.0	0.0	0.0
1784	**25**	0.0	0.0	0.0	0.2	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1784	**26**	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.2	7.5	0.0	0.0
1784	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
1784	**28**	3.0	0.0	51.7	24.3	3.2	0.0	0.0	0.0	0.0	10.1	0.0	0.0
1784	**29**	1.6	0.8	37.2	0.1	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0
1784	**30**	0.0		0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1784	**31**	5.1		6.4		8.7		0.0	0.0		0.8		2.1
1785	**1**	0.4	16.5	0.0	5.6	0.0	0.0	2.4	0.0	0.0	0.0	0.0	10.0
1785	**2**	22.6	18.4	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8
1785	**3**	13.9	17.9	0.0	1.9	0.0	0.2	0.0	0.0	0.0	0.0	0.1	0.0
1785	**4**	0.0	2.3	0.1	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
1785	**5**	0.4	1.7	0.1	3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9.9
1785	**6**	0.4	2.3	0.0	0.8	0.0	0.0	72.2	0.0	0.0	0.0	0.0	0.0
1785	**7**	4.5	3.7	0.0	0.0	0.0	0.0	5.1	0.0	0.0	37.0	22.4	0.0
1785	**8**	11.7	0.0	0.0	0.0	0.8	0.0	13.9	0.0	0.0	0.0	0.0	1.1
1785	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	36.7	0.0	12.0
1785	**10**	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.2	15.2	0.0	0.2	0.2
1785	**11**	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7
1785	**12**	0.0	0.0	1.3	0.0	2.6	0.1	3.8	0.0	0.8	0.0	0.0	13.0
1785	**13**	0.0	0.0	2.8	0.0	0.0	0.0	0.2	1.5	0.0	0.0	0.0	9.8
1785	**14**	0.0	1.3	0.0	0.0	0.0	0.0	0.0	18.1	0.0	0.0	0.0	0.0
1785	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1785	**16**	0.0	0.0	0.0	0.0	0.0	74.3	5.8	0.0	0.0	0.0	0.0	0.2
1785	**17**	0.0	2.3	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	10.2
1785	**18**	0.0	20.5	0.0	0.0	0.2	15.2	0.0	0.0	0.0	0.0	0.0	0.1
1785	**19**	0.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1785	**20**	0.0	19.4	0.0	2.6	0.0	0.0	0.0	6.4	0.0	0.0	3.6	1.3
1785	**21**	0.0	2.3	0.0	0.6	0.0	0.0	14.9	7.3	0.1	0.0	3.8	0.0
1785	**22**	0.0	0.0	3.8	0.0	23.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0
1785	**23**	0.0	0.0	0.0	9.2	16.9	7.1	1.3	0.0	0.0	0.0	3.2	0.0
1785	**24**	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	6.8	18.2
1785	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	2.0	0.0	7.5
1785	**26**	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.2	0.0	1.4	0.0	12.2
1785	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	6.5	0.0	0.0
1785	**28**	0.0	0.0	0.0	0.0	0.9	0.0	7.9	0.0	0.0	9.4	8.5	0.0
1785	**29**	0.0		7.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.7	6.0
1785	**30**	0.0		18.9	0.0	1.5	3.2	0.0	0.0	0.0	0.0	0.4	9.8
1785	**31**	0.4		3.3		13.9		0.0	0.0		0.0		5.5

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1786	**1**	3.6	1.5	1.5	0.0	0.8	1.7	0.2	0.9	0.0	0.0	1.1	5.3
1786	**2**	25.2	0.8	0.8	0.0	32.3	0.8	0.8	0.0	0.0	1.1	13.9	0.0
1786	**3**	1.7	0.0	2.3	0.0	2.4	0.0	7.1	0.9	11.3	0.0	25.9	0.0
1786	**4**	20.3	0.0	0.0	0.0	2.6	0.0	0.0	0.0	7.3	0.8	26.7	0.0
1786	**5**	0.0	0.0	0.0	10.9	9.8	0.0	3.0	0.0	0.1	9.4	14.5	20.1
1786	**6**	0.0	0.0	0.2	10.2	4.7	0.1	0.0	0.0	22.6	0.0	24.8	0.0
1786	**7**	8.7	0.0	19.2	0.8	4.5	2.4	6.6	0.2	6.0	0.0	0.0	0.0
1786	**8**	0.0	0.0	4.3	2.4	3.0	12.0	3.8	0.0	0.0	0.0	6.6	0.0
1786	**9**	0.0	0.0	9.8	0.8	5.5	6.2	0.0	0.2	0.0	0.0	0.0	0.0
1786	**10**	0.4	0.0	1.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1786	**11**	13.5	0.0	3.4	1.3	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.9
1786	**12**	8.5	0.0	0.0	1.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2.4
1786	**13**	1.3	0.0	0.0	0.0	0.0	0.0	3.1	10.5	0.0	3.4	9.0	0.0
1786	**14**	0.6	0.0	0.4	0.0	0.0	0.8	1.5	0.0	0.0	0.0	0.0	0.0
1786	**15**	4.7	0.0	0.2	0.0	0.0	3.8	12.2	6.8	0.0	0.0	0.4	0.0
1786	**16**	7.0	0.0	14.5	0.0	0.0	4.0	0.0	0.0	22.6	0.0	12.4	0.0
1786	**17**	3.4	0.0	2.4	0.0	0.0	0.2	0.0	0.0	5.1	3.2	16.9	25.6
1786	**18**	13.5	0.0	5.1	0.0	0.0	1.3	22.2	0.5	0.0	1.3	13.5	0.0
1786	**19**	0.4	0.0	6.2	0.0	0.1	23.7	0.0	0.0	19.7	0.0	0.0	11.8
1786	**20**	0.2	0.0	0.0	0.0	19.0	2.6	0.0	0.0	0.0	0.2	26.5	8.3
1786	**21**	0.0	0.0	0.0	0.6	0.8	0.2	4.0	0.0	0.0	0.0	0.0	0.0
1786	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0
1786	**23**	0.2	0.0	0.0	0.0	0.0	7.0	0.0	7.7	13.5	0.0	0.0	0.0
1786	**24**	0.2	0.0	0.0	0.0	0.0	2.6	0.0	0.8	0.0	2.6	0.0	0.0
1786	**25**	0.0	0.8	11.5	1.5	0.0	0.0	0.0	0.0	2.4	0.0	0.0	5.1
1786	**26**	0.0	1.3	0.0	0.0	0.0	24.8	8.3	0.0	1.1	0.0	0.0	6.8
1786	**27**	0.0	0.1	7.9	0.0	0.0	3.6	0.0	0.2	0.0	0.0	0.0	6.0
1786	**28**	0.0	0.0	0.9	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1786	**29**	0.0		0.2	2.1	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
1786	**30**	0.0		2.1	0.0	0.0	0.0	7.3	0.0	0.0	0.0	6.2	0.0
1786	**31**	0.0		0.0		0.0		0.0	0.0		23.7		0.0
1787	**1**	0.0	0.0	0.0	7.9	0.4	0.0	0.2	0.0	0.0	12.9	4.9	0.0
1787	**2**	0.0	0.0	10.3	0.0	0.0	0.0	5.8	0.0	0.0	20.3	6.4	0.0
1787	**3**	0.0	0.0	14.7	10.3	0.0	0.0	13.0	0.0	0.0	15.0	0.4	0.0
1787	**4**	0.0	0.0	10.2	0.0	0.0	0.0	0.0	5.3	0.0	0.0	7.9	12.4
1787	**5**	0.0	0.0	0.0	0.2	0.0	8.5	1.1	0.0	0.0	0.0	8.3	10.2
1787	**6**	0.0	0.0	7.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	2.1
1787	**7**	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	1.5
1787	**8**	0.0	0.0	6.2	13.5	7.5	0.5	17.9	0.0	0.0	0.0	0.0	0.8
1787	**9**	0.0	0.0	0.0	0.0	14.9	0.0	0.9	0.0	0.0	0.0	0.2	0.0
1787	**10**	0.0	0.0	1.5	0.8	12.2	0.0	0.0	6.2	8.7	0.0	5.7	0.2
1787	**11**	0.0	0.0	0.1	0.2	0.0	0.0	10.9	0.0	0.0	0.0	0.0	0.4
1787	**12**	0.0	2.6	0.0	0.0	0.2	0.0	0.0	3.8	0.0	0.1	11.0	0.0
1787	**13**	0.0	19.0	0.0	1.1	0.4	0.0	0.0	27.5	0.0	0.0	0.0	0.2
1787	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.6	0.4
1787	**15**	0.0	0.0	0.0	4.3	3.0	13.5	0.0	0.0	0.0	1.1	15.4	1.1
1787	**16**	0.0	0.0	0.0	4.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	3.0
1787	**17**	10.7	0.0	0.0	0.9	0.6	3.4	0.0	0.0	21.6	0.0	3.1	4.0
1787	**18**	11.5	0.0	0.0	0.0	22.8	9.0	0.0	0.0	2.8	0.4	2.3	2.1
1787	**19**	0.0	0.0	0.0	0.0	0.2	5.1	0.0	0.0	0.0	3.0	0.0	0.0
1787	**20**	3.6	0.0	0.0	0.0	3.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1787	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0	13.3
1787	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	6.8
1787	**23**	0.0	0.0	5.3	0.0	0.0	0.0	0.2	6.7	0.0	0.0	0.0	0.0
1787	**24**	0.0	0.4	45.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
1787	**25**	0.0	0.0	27.6	0.0	13.5	0.3	0.0	0.1	0.0	0.0	0.0	19.9
1787	**26**	0.0	0.0	0.0	13.2	18.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0
1787	**27**	19.4	0.0	0.0	5.1	0.9	0.0	0.0	0.1	0.0	0.0	0.0	2.1
1787	**28**	0.0	0.0	0.0	5.1	0.2	0.0	0.0	0.1	15.2	0.0	0.0	0.0
1787	**29**	0.0		0.0	12.0	4.9	0.0	0.0	0.0	15.6	0.0	0.0	0.0
1787	**30**	0.0		0.0	4.9	1.7	0.0	0.0	0.0	10.2	0.0	0.0	1.9
1787	**31**	0.0		14.7		1.5		0.0	0.0		0.0		4.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1788	**1**	0.0	0.0	16.8	0.0	0.1	0.0	0.0	0.0	8.7	0.0	0.0	7.1
1788	**2**	11.3	6.0	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1788	**3**	2.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1788	**4**	25.8	0.5	0.0	14.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9.4
1788	**5**	0.0	0.0	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.0	2.1	13.0
1788	**6**	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	8.1	22.4
1788	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	14.5
1788	**8**	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9
1788	**9**	25.9	16.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	10.5	0.0
1788	**10**	45.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	7.9	0.0
1788	**11**	15.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1788	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	3.0	0.0	0.0	0.0
1788	**13**	0.0	0.0	0.0	0.0	0.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0
1788	**14**	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	7.1	0.0	0.4	8.5
1788	**15**	0.0	0.0	9.7	0.0	5.6	0.0	0.1	0.0	0.0	0.0	32.7	8.5
1788	**16**	0.0	0.0	0.0	0.0	0.0	12.4	0.0	0.0	4.9	13.5	3.0	0.3
1788	**17**	0.0	0.2	0.8	0.9	0.0	3.4	1.5	0.0	18.8	0.0	0.0	0.0
1788	**18**	0.0	0.0	12.4	0.0	12.2	0.0	0.8	0.0	0.0	0.0	0.0	0.6
1788	**19**	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1788	**20**	0.0	16.8	3.8	0.0	6.6	0.0	0.0	3.0	0.0	0.0	0.0	0.0
1788	**21**	0.0	5.8	0.0	0.0	0.8	0.0	12.2	0.0	0.4	0.0	0.0	0.0
1788	**22**	0.0	4.7	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1788	**23**	0.0	6.1	1.0	10.6	0.0	0.0	0.0	0.1	0.0	0.0	3.4	0.0
1788	**24**	0.0	4.0	0.0	0.0	0.0	1.6	1.0	8.0	0.0	0.0	0.0	0.0
1788	**25**	0.0	0.9	11.8	0.0	0.0	15.0	0.0	0.0	18.1	0.0	0.0	0.0
1788	**26**	0.0	0.0	26.7	0.0	0.0	16.5	15.0	0.0	0.0	0.0	0.0	0.0
1788	**27**	0.0	0.1	2.4	0.0	0.0	2.1	0.6	0.0	0.0	0.0	2.3	0.0
1788	**28**	0.0	6.8	0.0	0.0	0.0	0.9	0.0	20.3	0.0	8.3	2.8	0.0
1788	**29**	0.0	0.0	0.0	0.0	0.0	16.9	13.2	18.4	0.5	0.0	6.6	0.0
1788	**30**	0.0		0.0	0.0	0.0	0.0	14.5	0.0	5.6	0.0	3.2	0.0
1788	**31**	0.0		0.0		3.2		0.0	0.0		0.0		0.0
1789	**1**	0.0	0.0	0.0	0.6	0.0	0.0	0.0	2.3	0.0	0.0	18.4	0.0
1789	**2**	0.0	0.0	0.4	0.2	0.0	5.5	0.0	0.0	0.0	0.4	18.6	0.0
1789	**3**	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	12.6	0.2	0.1
1789	**4**	0.0	0.4	14.1	0.0	0.0	4.7	0.0	0.0	0.0	16.0	0.0	0.0
1789	**5**	0.0	0.0	0.0	0.0	5.1	0.2	0.0	0.0	0.0	0.0	2.6	0.0
1789	**6**	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	2.3	10.2	0.0
1789	**7**	0.0	0.0	2.8	0.0	0.4	1.5	11.7	0.0	0.0	0.0	0.0	0.0
1789	**8**	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	41.0	1.3	2.4	0.0
1789	**9**	10.5	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	13.2	9.4	0.0
1789	**10**	0.6	0.6	0.9	0.0	0.0	5.6	0.0	0.0	0.0	12.4	0.0	0.0
1789	**11**	0.0	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	2.6	0.0	0.0
1789	**12**	32.3	0.0	3.4	0.0	0.2	4.5	0.0	0.0	0.0	12.0	0.0	0.0
1789	**13**	0.0	0.0	3.0	0.8	0.0	0.0	8.7	0.8	0.0	0.0	0.0	0.0
1789	**14**	0.8	0.0	0.0	0.8	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0
1789	**15**	0.8	0.0	12.0	0.0	0.0	0.0	0.0	4.0	2.9	27.6	0.0	6.4
1789	**16**	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	15.2
1789	**17**	0.0	0.0	18.1	0.0	0.0	2.3	0.0	0.2	1.5	0.0	0.2	0.4
1789	**18**	0.0	0.0	7.9	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.4	0.0
1789	**19**	5.1	0.0	0.2	0.0	0.0	0.0	1.9	0.0	0.0	0.0	7.9	0.0
1789	**20**	1.5	0.0	5.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	24.8	0.0
1789	**21**	4.7	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1789	**22**	0.4	0.0	1.7	0.0	0.0	0.0	1.3	7.6	0.0	0.0	0.0	0.0
1789	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	0.0	0.0	0.0	0.0
1789	**24**	0.0	1.3	0.8	0.8	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0
1789	**25**	11.7	12.8	12.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1789	**26**	0.0	10.3	17.5	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	34.0
1789	**27**	0.0	4.7	0.0	0.0	0.0	0.0	11.8	0.0	0.0	4.9	0.0	0.0
1789	**28**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	3.2	0.0	0.0
1789	**29**	0.4		0.0	0.1	0.0	13.7	0.0	0.0	0.0	8.5	0.0	0.8
1789	**30**	0.0		0.0	0.0	9.2	14.5	0.0	18.2	0.0	1.7	0.0	0.0
1789	**31**	0.0		11.3		3.8		0.0	1.5		0.2		2.8

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1790	**1**	3.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4.1	3.2	17.5
1790	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
1790	**3**	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.2	2.4	0.0
1790	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.9	0.0	0.0	0.0	0.0
1790	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	11.7
1790	**6**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1790	**7**	0.0	0.0	0.0	1.1	14.5	0.4	0.0	0.0	15.8	0.0	0.0	0.0
1790	**8**	0.0	0.0	0.0	3.0	4.9	0.2	0.0	0.0	1.3	0.0	0.0	0.0
1790	**9**	0.0	0.0	0.0	7.1	0.8	0.0	0.0	0.0	0.2	0.0	11.8	0.0
1790	**10**	0.0	0.0	0.0	13.5	0.0	0.6	7.5	0.0	0.0	0.0	17.3	0.0
1790	**11**	0.0	0.0	0.2	8.7	0.0	19.6	0.0	19.7	0.0	13.2	4.5	0.0
1790	**12**	0.0	0.0	0.0	4.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
1790	**13**	0.0	0.0	0.0	0.2	0.2	0.2	1.3	2.3	0.0	0.0	0.0	0.0
1790	**14**	0.0	0.0	0.0	0.2	2.3	0.0	0.0	0.0	0.0	0.0	0.1	0.2
1790	**15**	0.0	0.0	7.7	0.0	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1790	**16**	0.0	0.0	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1790	**17**	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1790	**18**	0.0	0.0	0.0	6.2	0.0	1.1	0.0	6.8	0.0	0.0	0.0	0.6
1790	**19**	0.0	0.0	0.0	0.0	0.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0
1790	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	9.0
1790	**21**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	0.0	0.0	2.1
1790	**22**	0.0	0.0	0.1	0.0	0.9	0.0	0.0	3.4	2.6	0.0	2.3	0.0
1790	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	2.8
1790	**24**	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	4.5	0.0
1790	**25**	0.0	0.0	0.0	16.0	0.0	0.0	21.8	0.0	0.0	45.9	3.0	0.0
1790	**26**	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	55.8	0.6	0.0
1790	**27**	1.9	0.0	0.0	3.1	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0
1790	**28**	0.0	0.0	0.0	0.0	0.0	25.6	0.0	0.0	0.0	15.8	0.0	0.0
1790	**29**	0.0		0.0	0.0	0.0	0.0	0.0	4.0	0.0	6.2	0.0	0.0
1790	**30**	7.5		0.0	0.0	0.2	0.0	0.0	3.2	0.0	4.1	0.0	0.0
1790	**31**	0.0		0.0		2.9		0.0	0.0		0.8		0.0
1791	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0
1791	**2**	3.6	0.0	0.0	0.0	0.2	0.0	0.0	5.3	0.0	0.0	18.6	0.0
1791	**3**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.6	3.4	0.2
1791	**4**	0.0	0.0	0.0	0.0	5.1	0.0	0.0	10.3	0.2	0.0	0.0	0.0
1791	**5**	4.9	0.0	0.0	0.0	3.8	0.0	0.0	4.0	0.0	0.0	0.0	3.4
1791	**6**	7.5	0.0	0.0	1.1	2.8	0.0	0.0	0.0	0.0	0.0	3.4	16.5
1791	**7**	0.0	0.0	0.4	0.8	5.5	4.5	0.0	0.0	0.0	1.3	0.0	21.4
1791	**8**	0.0	0.0	4.7	0.0	8.7	0.0	2.1	1.3	0.0	14.3	0.0	0.0
1791	**9**	0.0	0.0	0.0	0.0	3.2	10.7	2.8	0.2	0.0	5.6	0.4	6.0
1791	**10**	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.2	5.3	0.0	2.1
1791	**11**	5.8	0.0	0.0	0.8	0.0	2.4	0.4	0.1	0.0	2.1	0.0	0.0
1791	**12**	0.0	0.0	0.0	0.0	3.8	1.7	0.0	0.1	0.0	15.4	0.0	0.0
1791	**13**	0.0	0.0	0.0	0.0	11.8	0.8	0.2	0.0	0.0	0.0	0.2	0.0
1791	**14**	0.2	0.0	0.0	0.0	7.7	1.9	5.8	0.0	0.0	0.0	0.0	0.0
1791	**15**	0.0	0.0	0.0	0.0	1.1	1.1	10.0	0.0	0.0	0.0	21.8	0.6
1791	**16**	0.0	0.2	0.0	0.6	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.9
1791	**17**	0.0	13.9	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	13.9	4.3
1791	**18**	12.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	10.2	6.8
1791	**19**	3.6	7.0	0.0	0.0	0.0	0.2	6.8	4.1	0.0	3.8	0.0	2.8
1791	**20**	18.8	9.2	0.0	0.0	0.0	6.2	12.2	11.8	24.1	8.3	0.0	8.3
1791	**21**	10.2	18.2	1.5	0.2	0.0	0.9	0.0	0.0	0.0	0.0	0.4	0.0
1791	**22**	0.0	1.5	0.0	7.7	0.0	0.9	0.0	0.0	0.0	3.0	0.0	8.1
1791	**23**	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	3.2	0.6	1.9
1791	**24**	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	5.1	0.0	0.0	0.0
1791	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0
1791	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	10.2	0.0	0.0
1791	**27**	0.0	0.2	4.5	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1791	**28**	6.6	0.0	4.7	0.6	0.8	0.0	0.0	0.0	1.5	0.0	0.0	0.0
1791	**29**	8.5		0.0	7.5	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
1791	**30**	1.5		6.4	11.5	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
1791	**31**	0.0		0.8		0.1		0.0	0.0		0.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1792	**1**	0.0	0.4	0.0	0.0	0.0	0.6	17.5	1.9	0.0	9.4	0.1	0.0
1792	**2**	4.7	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	21.8	0.0	0.0
1792	**3**	0.0	0.0	0.0	2.4	7.1	0.0	5.6	0.0	0.0	15.6	0.0	0.0
1792	**4**	4.5	0.0	2.1	0.0	5.1	0.0	0.0	0.0	3.4	3.8	0.0	0.0
1792	**5**	0.0	0.0	0.0	0.0	7.9	0.0	0.2	9.2	8.8	11.5	0.0	0.0
1792	**6**	0.0	0.0	0.6	0.0	1.3	0.2	0.0	19.6	0.0	0.0	0.0	0.0
1792	**7**	0.0	0.0	2.8	0.0	8.7	16.5	0.0	0.2	2.1	0.0	0.0	0.0
1792	**8**	6.0	3.4	0.0	0.0	1.1	7.0	0.0	0.0	2.6	10.2	0.0	0.0
1792	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0
1792	**10**	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.6	0.0	0.0
1792	**11**	7.5	0.0	13.7	0.0	6.4	0.0	0.0	0.0	0.0	5.1	0.0	0.0
1792	**12**	20.5	0.0	0.8	0.0	0.0	0.2	0.6	0.0	1.7	0.0	0.0	0.0
1792	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1792	**14**	4.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
1792	**15**	0.0	0.0	0.0	1.9	0.0	0.0	0.0	7.0	11.1	0.0	0.0	0.0
1792	**16**	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0
1792	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0
1792	**18**	31.0	2.3	0.0	3.4	0.0	7.1	0.0	0.0	5.1	0.0	0.0	0.0
1792	**19**	0.0	0.4	0.0	6.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
1792	**20**	0.0	0.4	0.2	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1792	**21**	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	8.8	0.0	0.0	3.8
1792	**22**	1.9	1.9	5.1	0.0	0.2	20.1	0.0	0.0	0.0	0.0	0.0	0.0
1792	**23**	1.1	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	18.8	12.8
1792	**24**	2.6	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	8.7	7.7
1792	**25**	0.8	0.0	0.0	0.0	0.0	0.4	0.2	0.0	1.1	0.0	24.1	4.5
1792	**26**	1.7	0.0	0.0	5.6	0.0	24.4	0.0	0.0	0.0	0.0	9.4	5.1
1792	**27**	5.5	0.0	1.7	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	5.2
1792	**28**	0.0	0.0	1.3	0.0	4.9	0.0	9.6	0.0	0.0	0.0	0.0	0.0
1792	**29**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1792	**30**	8.8		0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0
1792	**31**	3.0		7.9		1.9		0.0	0.0		0.0		0.0
1793	**1**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.9	0.0
1793	**2**	0.0	0.0	0.0	1.1	2.6	0.0	0.0	0.2	0.0	0.0	1.5	0.0
1793	**3**	0.0	0.0	0.0	3.2	6.0	0.0	0.2	3.0	10.0	20.5	0.0	0.0
1793	**4**	0.0	4.5	0.0	20.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1793	**5**	0.0	20.3	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1793	**6**	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	22.6	0.0	0.0	0.0
1793	**7**	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0
1793	**8**	0.0	0.0	15.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1793	**9**	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1793	**10**	0.0	0.0	0.0	3.8	0.1	0.0	25.9	0.0	0.0	0.0	5.6	0.0
1793	**11**	0.0	0.0	0.9	3.0	0.0	1.5	0.0	0.0	0.0	0.0	2.1	3.4
1793	**12**	29.5	0.0	6.8	2.8	0.0	0.6	0.0	0.1	0.0	0.0	0.0	10.3
1793	**13**	5.5	0.2	0.0	0.6	0.0	1.7	0.0	0.0	0.0	0.0	0.0	23.1
1793	**14**	32.2	0.0	0.0	0.8	4.7	0.6	0.0	0.0	14.7	0.0	0.0	0.0
1793	**15**	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
1793	**16**	4.7	0.0	0.0	2.6	5.6	0.6	0.0	0.0	0.6	0.0	15.0	0.2
1793	**17**	8.1	0.0	0.0	35.0	0.0	3.6	0.0	0.0	0.6	0.0	0.0	4.1
1793	**18**	3.2	0.8	4.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1793	**19**	0.0	8.8	20.3	0.0	4.5	0.0	0.0	0.0	0.0	0.0	4.5	2.3
1793	**20**	0.0	0.0	21.1	0.0	3.4	0.0	9.0	15.2	15.3	0.0	2.3	2.3
1793	**21**	0.0	0.0	0.0	0.0	32.0	0.0	13.9	0.0	13.9	0.0	0.4	16.4
1793	**22**	0.0	0.0	0.0	0.0	19.9	0.0	0.8	0.0	0.0	0.0	0.0	0.6
1793	**23**	0.0	0.0	10.3	0.0	0.2	2.4	0.0	0.0	1.7	0.0	0.0	3.4
1793	**24**	0.0	0.0	12.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4.8	11.8
1793	**25**	0.0	0.0	11.8	16.9	0.0	2.1	0.0	0.2	0.0	0.0	0.4	0.2
1793	**26**	0.0	0.0	11.1	5.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1793	**27**	0.0	0.0	7.1	1.7	10.7	0.1	0.0	0.0	2.1	0.0	0.0	0.0
1793	**28**	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	26.3	3.8	0.0	0.0
1793	**29**	0.0		0.0	1.7	0.9	0.0	14.7	5.1	1.1	11.8	0.0	6.8
1793	**30**	0.0		0.0	0.0	8.3	0.0	16.2	0.0	0.0	1.1	0.0	28.6
1793	**31**	0.0		0.0		18.8		0.0	3.0		1.3		3.8

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1794	**1**	4.3	0.0	0.0	0.0	0.0	2.6	4.5	0.0	0.0	0.0	0.0	0.0
1794	**2**	3.2	0.0	0.0	0.0	0.0	5.6	37.0	0.0	0.0	1.9	0.1	0.0
1794	**3**	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	4.9	1.7	1.3	0.0
1794	**4**	0.0	0.0	0.0	3.6	0.0	0.8	0.0	18.8	0.0	0.0	0.0	0.0
1794	**5**	0.0	0.0	0.0	0.0	0.0	3.4	4.5	23.7	0.2	3.0	0.0	0.0
1794	**6**	5.5	0.0	0.0	0.0	0.0	17.5	0.0	0.0	1.9	2.6	0.0	0.0
1794	**7**	10.5	0.0	0.0	0.0	3.4	15.8	0.0	0.0	13.5	35.9	0.0	0.1
1794	**8**	0.0	0.0	0.0	13.7	10.9	0.0	0.0	15.2	29.1	1.1	0.0	0.0
1794	**9**	0.2	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.5
1794	**10**	10.5	0.0	0.0	0.6	1.5	0.0	0.0	0.9	0.0	0.0	0.0	5.8
1794	**11**	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0
1794	**12**	12.0	0.0	0.0	0.0	0.2	0.0	4.7	0.0	0.0	0.0	0.0	0.0
1794	**13**	10.2	0.0	1.9	0.0	0.0	0.0	0.0	0.0	1.1	23.9	0.0	0.0
1794	**14**	1.1	0.0	3.4	0.2	0.0	0.0	18.8	0.0	14.7	12.8	0.0	0.0
1794	**15**	0.0	0.0	0.0	2.8	0.0	0.0	0.2	0.0	25.9	0.0	0.0	0.0
1794	**16**	0.0	0.0	0.0	0.0	0.0	0.0	2.1	15.0	23.9	0.0	0.0	0.0
1794	**17**	0.0	0.0	0.0	0.0	0.0	10.9	0.0	18.2	0.0	0.0	0.0	0.0
1794	**18**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	4.3	5.5	6.6	0.0	0.0
1794	**19**	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0
1794	**20**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	15.0	0.0	0.0	0.0	0.0
1794	**21**	0.0	0.0	0.0	0.0	0.2	55.5	0.0	15.2	1.9	0.0	8.5	21.6
1794	**22**	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	15.0	0.0
1794	**23**	0.0	0.0	0.0	0.2	18.1	0.0	0.0	0.0	0.0	0.0	6.0	0.0
1794	**24**	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0	3.8	7.0	4.0	27.5
1794	**25**	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	12.4	15.0	32.3	18.2
1794	**26**	0.0	0.0	0.0	0.0	10.3	16.5	0.0	0.0	6.4	0.0	5.6	5.6
1794	**27**	0.0	0.0	0.0	0.0	4.9	37.0	0.0	0.0	7.5	0.1	0.0	0.0
1794	**28**	0.0	0.1	0.0	0.0	0.2	20.7	0.0	0.0	2.6	2.4	36.9	1.9
1794	**29**	3.6		1.3	0.0	0.2	1.7	0.0	0.0	0.9	1.5	0.0	4.1
1794	**30**	2.6		10.0	0.0	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0
1794	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1795	**1**	0.0	0.0	6.6	0.2	0.0	0.0	1.5	0.0	41.4	0.0	0.9	0.0
1795	**2**	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.3	0.0
1795	**3**	0.0	0.0	0.0	1.7	0.0	0.0	0.2	0.0	19.0	5.8	1.9	0.0
1795	**4**	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	17.5	11.7	6.0	0.0
1795	**5**	0.0	0.0	0.0	0.4	0.0	0.0	0.9	0.0	16.5	0.0	0.0	0.0
1795	**6**	0.0	0.0	0.0	5.5	0.0	0.0	3.8	0.0	0.0	6.0	0.0	0.0
1795	**7**	0.0	4.5	0.8	4.3	0.0	8.7	0.0	0.0	0.0	9.0	0.0	0.0
1795	**8**	0.0	0.0	0.6	6.2	0.0	0.0	2.4	0.0	0.0	23.5	0.0	0.1
1795	**9**	0.0	0.0	0.0	0.0	8.1	0.2	3.0	0.0	0.0	25.4	0.0	0.0
1795	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	32.7	0.0	0.0
1795	**11**	0.0	13.2	0.0	0.0	10.2	5.6	15.8	0.0	0.0	2.8	0.2	0.0
1795	**12**	0.2	15.2	0.0	0.0	0.0	0.0	42.8	0.0	0.0	13.2	0.0	0.0
1795	**13**	0.0	1.9	0.2	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0
1795	**14**	0.0	0.0	10.9	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.8	2.0
1795	**15**	0.2	12.8	1.3	0.0	0.0	5.1	22.2	0.0	0.0	12.8	0.0	0.2
1795	**16**	0.0	0.0	3.8	0.0	0.0	0.0	8.1	5.8	0.0	0.0	0.0	0.0
1795	**17**	3.0	0.0	9.8	0.0	0.0	0.0	0.0	3.8	0.0	0.0	1.7	0.0
1795	**18**	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.1	2.6
1795	**19**	3.2	7.3	0.0	15.1	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.2
1795	**20**	0.0	0.4	0.0	0.6	0.0	7.3	0.0	0.0	0.0	0.0	25.4	1.7
1795	**21**	2.3	0.0	0.0	2.8	0.0	0.0	12.4	0.0	0.0	0.0	16.5	0.0
1795	**22**	0.4	1.9	0.0	0.4	0.0	0.2	50.8	10.2	0.0	0.8	10.2	0.0
1795	**23**	16.4	2.1	1.3	0.0	0.0	0.2	17.7	0.0	0.0	8.8	0.2	6.6
1795	**24**	3.0	7.5	0.0	0.0	0.0	0.5	7.0	0.0	0.0	0.0	1.3	0.0
1795	**25**	0.0	1.5	0.0	0.0	0.0	0.0	12.4	0.0	0.0	0.0	5.3	0.0
1795	**26**	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	8.7	2.8
1795	**27**	0.0	18.4	0.6	0.0	12.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1795	**28**	0.0	9.4	0.0	0.0	18.4	18.8	0.0	0.0	0.0	0.0	0.0	0.0
1795	**29**	0.0		0.0	0.0	0.0	17.1	0.0	7.5	0.0	0.0	6.6	0.0
1795	**30**	0.0		0.0	0.0	0.9	3.8	0.0	12.4	0.0	2.4	0.0	0.0
1795	**31**	0.0		0.4		0.0		0.0	26.1		0.0		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1796	1	0.0	3.8	20.7	0.0	7.9	0.0	1.5	0.4	1.9	0.0	0.0	0.0
1796	2	0.0	4.7	5.1	0.0	36.9	5.8	12.8	0.0	42.9	0.0	0.0	0.0
1796	3	0.0	0.8	1.7	0.0	19.4	7.9	0.0	0.0	0.0	0.0	0.0	0.0
1796	4	0.0	0.0	0.0	0.2	2.1	0.2	5.6	8.1	3.4	0.0	8.3	0.0
1796	5	0.0	0.0	0.1	1.5	36.9	0.8	0.0	5.1	0.0	0.0	0.0	0.0
1796	6	0.2	0.6	0.0	0.0	7.7	0.0	0.0	0.0	0.0	37.2	0.9	19.0
1796	7	0.2	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	1.5	0.0
1796	8	0.6	11.3	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	1.3	0.0
1796	9	18.2	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5
1796	10	4.7	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0
1796	11	0.4	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0
1796	12	0.0	0.0	0.0	1.7	0.0	0.0	0.8	0.0	4.3	0.0	14.7	0.0
1796	13	0.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	4.7	0.0
1796	14	0.2	0.0	0.0	0.0	13.2	7.0	0.0	0.0	0.0	0.0	0.4	0.0
1796	15	0.2	0.0	0.0	0.0	0.0	2.4	0.0	0.1	0.0	0.0	0.0	0.0
1796	16	0.2	0.0	0.0	0.0	22.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0
1796	17	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1796	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0
1796	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	1.1	18.1
1796	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0
1796	21	0.0	0.0	0.0	0.0	4.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0
1796	22	0.0	0.0	0.0	3.8	7.5	0.0	0.0	0.0	54.1	0.0	0.0	0.0
1796	23	0.0	2.3	0.0	0.9	1.1	4.5	0.0	0.0	20.7	8.1	0.0	15.8
1796	24	0.2	0.0	0.0	6.2	0.0	0.0	0.0	0.0	13.2	39.5	8.3	0.0
1796	25	0.0	0.0	0.0	4.7	17.9	0.0	0.0	0.0	17.3	4.3	14.5	24.4
1796	26	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	4.5
1796	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0
1796	28	4.1	9.8	10.3	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0
1796	29	2.3	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.8
1796	30	3.8		0.0	0.9	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0
1796	31	5.1		0.2		0.1		0.0	0.0		0.0		0.0
1797	1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	4.1	0.0
1797	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	4.1	2.9
1797	3	0.0	0.0	0.0	9.0	0.0	0.1	0.0	0.0	2.8	0.0	0.0	0.1
1797	4	0.0	0.0	0.2	11.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
1797	5	0.0	0.0	0.1	0.2	0.0	0.2	0.0	5.1	5.6	0.0	0.4	0.0
1797	6	0.0	0.0	0.0	0.2	0.0	4.7	0.2	8.8	2.3	16.9	1.5	0.0
1797	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.9	0.0
1797	8	0.0	0.0	0.0	0.0	0.8	14.1	0.0	0.0	0.0	0.0	0.0	0.0
1797	9	0.0	0.0	0.0	0.0	16.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0
1797	10	0.0	0.0	18.2	0.0	16.7	7.0	0.0	0.0	10.2	0.0	0.0	4.6
1797	11	0.0	0.0	13.5	2.3	5.8	0.0	0.2	0.0	1.3	15.2	0.0	0.0
1797	12	0.0	0.0	0.0	0.0	2.1	0.0	4.0	0.0	0.0	0.8	0.0	4.1
1797	13	2.1	0.2	2.6	27.1	3.6	10.7	0.0	0.0	0.0	2.4	0.0	0.0
1797	14	0.9	0.4	0.0	10.3	0.4	11.3	9.6	0.0	0.0	0.0	0.0	6.8
1797	15	0.0	8.5	0.0	0.0	0.4	6.2	0.0	0.0	10.2	0.0	0.0	0.1
1797	16	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.7
1797	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1797	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1797	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
1797	20	0.0	0.0	0.9	4.9	0.0	0.0	1.9	0.0	15.2	8.4	1.3	0.0
1797	21	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	10.2	1.3	3.0	0.0
1797	22	0.0	0.0	0.0	0.6	0.0	0.2	3.6	2.3	0.2	18.8	15.4	0.0
1797	23	0.0	0.0	0.0	0.6	0.2	0.2	0.0	0.0	10.5	12.0	2.3	0.0
1797	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	22.8	0.6	0.0
1797	25	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0
1797	26	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0
1797	27	9.0	0.8	0.0	7.9	0.0	0.0	0.0	0.0	0.6	6.0	0.0	0.0
1797	28	5.5	0.0	16.0	3.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1797	29	6.0		23.3	8.5	6.2	0.1	0.0	0.0	2.1	3.6	0.0	0.0
1797	30	5.1		0.0	2.3	2.1	11.5	0.0	0.0	0.0	2.3	0.0	0.0
1797	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1798	1	0.0	0.1	0.0	0.0	0.0	37.6	0.0	0.0	0.0	0.0	8.1	0.0
1798	2	0.0	0.0	0.0	0.0	0.0	0.1	4.1	1.9	0.0	0.0	0.0	0.0
1798	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1798	4	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	3.0	13.2	0.0
1798	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.9	0.0	2.1	0.9	0.0
1798	6	0.8	0.0	0.0	0.0	0.0	0.4	5.6	0.0	15.4	0.0	0.0	0.0
1798	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
1798	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	3.0	0.0	12.4	0.0
1798	9	0.6	0.0	0.0	0.1	0.0	2.3	0.0	13.7	0.0	0.0	0.6	0.0
1798	10	0.0	0.0	0.0	1.7	0.0	0.0	0.0	3.7	17.3	0.0	0.1	0.2
1798	11	3.8	0.0	3.9	0.0	0.0	14.2	0.0	5.6	0.0	0.0	0.0	0.0
1798	12	0.0	0.0	8.7	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	10.5
1798	13	0.0	0.0	1.3	0.0	0.0	0.1	0.8	0.0	17.7	0.0	15.1	5.7
1798	14	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	15.2	0.0	0.0	0.5
1798	15	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.2	0.0
1798	16	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1798	17	0.0	6.8	4.5	0.0	0.0	0.5	0.0	0.0	0.0	0.9	0.0	16.0
1798	18	0.0	6.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
1798	19	10.5	0.1	7.4	15.1	0.0	3.0	0.0	0.0	0.0	2.8	7.0	0.0
1798	20	0.4	0.0	4.0	17.9	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
1798	21	0.0	0.0	6.3	23.1	10.7	6.0	0.0	0.6	0.0	0.0	0.0	0.0
1798	22	0.0	0.0	11.5	0.9	2.6	26.1	0.0	0.0	0.0	0.0	2.2	0.0
1798	23	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0
1798	24	0.0	0.0	0.0	0.0	0.5	14.3	26.3	0.0	0.0	0.0	28.8	0.0
1798	25	0.0	0.0	0.0	0.1	0.0	0.0	7.7	0.0	0.0	0.0	0.8	0.0
1798	26	0.0	6.6	27.3	0.0	13.2	0.4	0.0	4.9	0.0	0.0	1.1	1.5
1798	27	0.0	0.0	7.0	0.0	0.5	0.6	10.0	0.0	16.4	0.0	0.0	0.0
1798	28	0.0	0.0	0.9	0.0	0.0	0.8	0.8	0.0	0.0	7.7	0.0	19.7
1798	29	0.0		0.0	0.0	0.0	0.4	0.0	0.0	35.3	20.7	2.1	31.6
1798	30	0.0		0.0	0.0	0.0	13.3	2.6	0.0	0.0	1.5	0.1	22.2
1798	31	0.0		0.0		0.0		0.0	4.9		7.6		8.3
1799	1	0.0	3.8	0.0	5.5	32.5	0.0	0.8	0.0	20.3	0.0	0.6	0.0
1799	2	0.0	7.5	0.0	10.2	24.4	38.7	0.0	0.0	0.0	0.0	1.7	23.5
1799	3	0.0	0.6	0.0	7.0	24.9	0.0	12.0	0.0	0.0	8.5	0.0	10.8
1799	4	0.0	0.9	0.0	3.6	0.2	0.0	4.5	0.0	0.0	0.0	0.0	0.0
1799	5	0.0	12.2	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	6.8	0.0
1799	6	0.0	0.9	4.1	15.4	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0
1799	7	0.0	0.0	26.3	0.0	0.0	47.6	0.0	0.0	0.4	0.0	0.0	0.0
1799	8	0.0	0.0	26.6	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1799	9	0.0	0.0	0.0	0.0	48.9	0.0	0.0	3.4	0.0	0.0	21.4	0.0
1799	10	0.0	0.0	14.7	0.0	11.1	13.7	3.4	0.6	10.0	0.0	5.1	0.0
1799	11	0.0	0.0	0.0	3.4	20.3	0.0	0.3	0.4	0.0	0.0	0.0	0.0
1799	12	0.0	28.8	0.0	27.7	14.7	4.0	2.1	0.0	0.0	0.0	0.0	0.0
1799	13	0.0	0.0	0.0	10.7	0.0	1.7	3.4	0.0	18.1	0.0	0.0	0.0
1799	14	0.0	0.0	0.0	10.5	0.6	13.7	9.2	0.0	1.7	0.0	0.0	0.0
1799	15	0.0	0.0	0.0	3.5	0.6	0.0	0.0	0.0	0.0	35.7	0.0	0.0
1799	16	0.0	0.0	24.0	13.7	0.0	0.0	4.3	8.5	0.0	0.0	0.0	0.0
1799	17	0.0	1.7	0.8	2.6	0.0	49.8	5.3	0.0	0.0	0.0	0.0	0.0
1799	18	0.0	0.0	0.0	0.4	1.7	0.0	2.1	5.8	0.0	19.9	0.4	0.0
1799	19	0.0	0.0	0.0	8.1	1.5	0.0	1.1	1.7	0.4	0.0	0.0	8.9
1799	20	0.0	0.0	0.0	0.0	8.5	0.0	0.0	3.0	1.7	6.8	0.0	0.0
1799	21	0.0	0.2	0.0	3.8	4.7	15.0	1.5	0.0	0.0	13.5	0.0	5.5
1799	22	0.0	0.1	0.0	10.7	0.0	0.0	0.0	0.0	1.1	0.0	0.0	4.1
1799	23	0.0	0.1	0.0	12.8	0.0	0.0	0.0	0.0	2.6	0.0	0.0	6.4
1799	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	27.1	0.0	0.9
1799	25	2.4	0.0	0.0	0.0	4.5	0.0	0.0	15.6	0.0	19.4	0.0	0.0
1799	26	3.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	4.0	0.0	0.0
1799	27	0.0	0.0	16.2	5.9	0.0	22.8	0.0	0.0	0.0	4.0	0.0	0.0
1799	28	0.0	0.0	1.5	0.0	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.0
1799	29	0.0		0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
1799	30	0.0		0.0	0.0	0.0	0.0	0.4	0.0	8.7	0.0	0.0	0.0
1799	31	0.0		10.0		0.0		0.0	0.0		7.7		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1800	**1**	0.0	0.0	0.0	1.5	1.9	6.2	1.7	0.0	6.2	12.2	32.0	0.0
1800	**2**	0.0	0.0	0.0	0.0	0.6	8.3	2.1	0.0	3.8	0.0	23.5	0.0
1800	**3**	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	7.9	0.0	0.0	3.4
1800	**4**	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	5.5	5.1
1800	**5**	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	5.8	6.4
1800	**6**	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6
1800	**7**	10.2	0.0	22.4	0.0	0.0	4.5	0.0	0.0	0.4	0.4	0.0	0.4
1800	**8**	4.2	0.0	1.5	0.0	0.0	0.0	0.0	22.6	0.0	0.9	0.0	0.0
1800	**9**	13.7	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	4.0
1800	**10**	11.1	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	7.3	0.0	8.7
1800	**11**	0.0	0.0	0.0	2.8	0.0	8.8	0.0	0.0	0.6	0.0	0.0	0.9
1800	**12**	7.5	0.0	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	3.2
1800	**13**	13.7	8.1	0.0	0.0	12.0	1.1	0.0	0.0	0.0	0.0	12.4	13.7
1800	**14**	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	12.0	16.9
1800	**15**	3.6	22.2	0.0	0.0	0.0	30.1	5.8	0.0	0.0	0.0	0.0	1.3
1800	**16**	0.4	0.9	0.0	0.0	0.0	0.0	0.4	0.0	0.0	2.6	0.0	0.0
1800	**17**	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3	0.0
1800	**18**	0.0	0.0	0.0	0.0	2.6	26.3	0.0	0.0	0.0	0.0	0.0	0.0
1800	**19**	12.2	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	2.1	0.0
1800	**20**	4.5	0.0	0.0	0.1	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0
1800	**21**	3.6	0.0	0.0	0.0	0.0	0.0	3.0	0.0	16.7	0.0	0.0	0.0
1800	**22**	7.1	0.7	0.0	0.0	0.0	3.8	0.0	3.7	0.0	2.8	0.0	0.0
1800	**23**	27.3	26.1	0.0	0.0	0.0	0.0	7.3	2.3	0.0	19.2	0.0	0.0
1800	**24**	3.6	4.0	0.0	0.1	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1800	**25**	7.3	0.8	0.0	1.9	0.0	0.0	0.0	7.0	0.6	0.0	0.0	21.1
1800	**26**	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.4
1800	**27**	0.0	13.2	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	5.6	6.8
1800	**28**	0.0	0.9	0.0	0.0	0.0	53.8	0.0	0.0	0.0	0.0	4.7	0.0
1800	**29**	0.4		0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0
1800	**30**	13.2		7.9	0.0	1.4	24.6	0.0	16.7	0.0	0.0	10.3	0.0
1800	**31**	23.7		8.7		11.9		0.0	0.0		0.0		2.1
1801	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	31.8	3.6	0.0	0.0
1801	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	21.1
1801	**3**	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	6.2	10.5	0.0	5.3
1801	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0
1801	**5**	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
1801	**6**	0.0	0.0	0.0	7.0	0.0	3.4	0.0	0.0	0.0	0.0	9.6	5.6
1801	**7**	0.0	0.0	0.0	6.6	0.0	0.0	0.0	6.6	9.0	26.3	5.1	11.4
1801	**8**	0.0	0.0	0.0	0.0	2.4	6.1	0.0	0.0	0.0	17.5	3.8	0.0
1801	**9**	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	5.5	0.0
1801	**10**	0.8	0.0	0.0	0.0	1.1	0.0	14.3	7.9	8.7	0.0	7.0	2.1
1801	**11**	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	7.5	2.6	0.0
1801	**12**	0.0	8.7	8.0	1.7	0.0	3.6	0.0	0.0	4.5	0.0	56.0	0.0
1801	**13**	0.0	0.0	1.9	7.8	0.0	14.3	0.0	0.0	0.0	0.0	6.6	0.0
1801	**14**	0.0	0.0	0.1	5.8	0.7	1.7	0.0	0.0	0.0	0.0	0.0	7.7
1801	**15**	0.0	27.6	0.0	0.0	0.0	11.7	7.8	6.8	0.0	0.0	0.0	18.2
1801	**16**	0.0	32.9	0.8	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0
1801	**17**	3.6	1.6	0.7	0.0	2.3	0.0	2.9	0.0	0.0	0.0	0.0	6.6
1801	**18**	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.4
1801	**19**	0.0	0.9	6.6	0.0	0.0	1.3	0.0	0.0	39.3	0.0	9.0	0.0
1801	**20**	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	22.9	5.1	3.0	0.0
1801	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	1.1	0.2	0.0
1801	**22**	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0
1801	**23**	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	20.3	11.7	0.0	0.0
1801	**24**	20.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	5.6	32.5	0.0	0.0
1801	**25**	0.0	0.0	6.0	0.0	0.0	5.3	0.0	0.0	0.0	14.1	0.0	0.0
1801	**26**	1.0	0.0	0.0	0.0	0.0	0.9	31.2	0.0	14.1	0.8	0.0	0.0
1801	**27**	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.1	3.0
1801	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	1.9
1801	**29**	0.0		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1801	**30**	0.0		0.0	0.0	15.4	2.6	0.0	0.0	0.0	0.0	2.1	0.0
1801	**31**	0.0		0.0		0.6		0.0	0.0		0.0		1.7

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1802	**1**	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	18.6
1802	**2**	0.0	0.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	2.1
1802	**3**	0.0	0.0	11.8	0.0	0.0	5.5	0.0	17.1	0.0	0.0	0.0	0.0
1802	**4**	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.9	5.8
1802	**5**	5.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
1802	**6**	24.1	3.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1802	**7**	8.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1802	**8**	0.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0
1802	**9**	0.4	5.2	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.6	0.2
1802	**10**	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	17.1	0.0	0.0	3.8
1802	**11**	7.9	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
1802	**12**	0.8	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.8	0.0	0.0	21.4
1802	**13**	3.8	48.3	0.0	34.0	0.0	0.0	5.3	0.0	0.8	3.0	32.0	0.0
1802	**14**	0.0	51.9	30.3	0.2	0.0	0.0	7.5	0.0	0.0	23.3	6.8	0.0
1802	**15**	0.0	0.4	0.0	0.0	68.4	0.1	0.2	0.0	0.0	9.6	0.0	0.1
1802	**16**	0.0	0.0	0.0	0.0	21.4	0.0	8.7	0.0	0.0	0.0	31.0	2.3
1802	**17**	0.0	0.0	0.0	0.0	15.4	0.0	0.6	0.0	0.0	1.5	36.7	0.0
1802	**18**	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	2.4	0.0
1802	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0
1802	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0
1802	**21**	0.0	3.8	1.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.8	0.0
1802	**22**	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	8.1	24.1	0.0
1802	**23**	0.0	0.0	0.6	0.0	0.0	8.7	0.0	0.0	0.0	0.0	14.1	30.8
1802	**24**	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	7.5	20.5
1802	**25**	0.0	3.2	0.0	0.0	0.0	0.9	0.0	0.0	0.0	5.5	0.4	6.0
1802	**26**	0.0	5.7	0.0	0.0	0.0	0.0	0.0	8.3	0.0	41.6	10.7	7.2
1802	**27**	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0
1802	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	7.0	9.6
1802	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.4	0.0	18.6
1802	**30**	0.0		0.0	0.0	5.0	3.4	0.0	0.0	0.0	15.2	0.0	0.0
1802	**31**	0.0		0.0		3.2		0.0	0.0		13.2		2.6
1803	**1**	3.6	0.0	0.1	0.1	0.0	0.0	0.0	0.0	19.7	8.1	13.2	0.0
1803	**2**	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0
1803	**3**	1.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	30.5	7.1	0.0
1803	**4**	3.8	10.2	8.2	0.0	20.5	0.0	0.0	0.2	0.0	1.9	0.0	2.4
1803	**5**	0.0	0.0	15.4	0.1	0.0	0.0	0.0	0.0	0.0	3.8	0.0	26.3
1803	**6**	0.0	0.0	12.4	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	18.6
1803	**7**	0.0	0.0	9.6	0.0	14.8	0.1	24.2	0.0	0.0	5.6	18.1	9.6
1803	**8**	0.0	63.2	9.0	0.0	1.3	0.0	4.3	5.8	0.0	0.0	6.4	0.0
1803	**9**	0.8	0.0	1.7	0.0	1.5	0.0	0.0	0.0	0.0	0.0	11.5	3.4
1803	**10**	7.3	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0	16.0	0.0
1803	**11**	22.4	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	2.1	0.0
1803	**12**	13.2	0.0	0.1	0.0	0.0	0.0	4.7	5.5	0.0	0.0	0.0	0.0
1803	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
1803	**14**	0.0	0.0	0.0	0.0	3.8	0.1	45.5	0.0	0.0	0.0	0.0	0.0
1803	**15**	0.0	0.0	0.0	0.0	0.0	0.0	76.1	0.0	0.0	0.2	0.0	9.6
1803	**16**	1.5	0.0	2.1	0.0	16.5	7.5	0.0	0.0	0.0	1.9	0.2	20.2
1803	**17**	0.0	0.0	0.0	0.0	9.2	0.0	0.3	0.0	1.7	0.0	20.3	0.4
1803	**18**	3.2	0.0	0.0	0.0	7.5	0.0	0.0	0.0	13.2	0.0	0.2	0.0
1803	**19**	19.7	0.0	0.0	0.0	3.0	0.0	0.0	26.9	1.5	0.0	0.4	0.4
1803	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.1	1.5	0.0	4.0	0.0
1803	**21**	7.3	4.1	0.0	0.0	0.1	0.0	0.0	5.3	12.0	0.0	0.0	34.7
1803	**22**	0.9	0.2	0.0	0.0	0.0	6.6	0.0	5.3	0.0	0.0	2.8	23.3
1803	**23**	16.7	0.0	0.0	1.3	0.0	22.9	2.4	0.0	0.0	0.0	0.0	0.0
1803	**24**	0.0	0.0	0.0	0.0	0.0	5.2	5.6	0.0	0.0	0.0	0.0	0.0
1803	**25**	0.0	0.0	0.0	0.4	3.0	0.8	5.4	0.0	0.0	0.0	0.0	0.0
1803	**26**	2.1	0.0	0.0	0.0	0.0	0.7	16.0	0.0	0.0	0.0	0.0	0.0
1803	**27**	10.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	4.5	0.0	0.0	0.0
1803	**28**	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
1803	**29**	13.2		0.0	8.7	0.0	0.0	16.9	0.0	0.0	0.0	0.0	0.0
1803	**30**	8.3		0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1803	**31**	0.0		0.0		0.0		0.0	0.0		0.2		0.6

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1804	**1**	0.0	0.0	34.2	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	23.5
1804	**2**	1.1	0.0	0.0	0.0	0.7	0.0	0.0	0.2	0.4	0.0	0.0	7.7
1804	**3**	10.2	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.4	2.3	0.0	0.0
1804	**4**	3.6	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.2	0.0	0.0
1804	**5**	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
1804	**6**	0.9	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
1804	**7**	10.5	0.0	0.0	1.5	0.0	8.1	0.0	0.0	0.0	0.0	0.0	21.6
1804	**8**	16.0	0.0	0.0	0.0	0.0	0.0	4.7	25.6	0.0	1.5	0.2	23.7
1804	**9**	9.8	0.0	0.0	0.0	20.7	16.9	0.6	0.0	0.0	13.7	21.1	8.8
1804	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	0.0	5.1	0.0	0.9
1804	**11**	0.0	0.0	0.8	9.2	0.0	6.6	9.4	7.0	0.0	0.2	0.0	0.4
1804	**12**	0.0	27.1	0.0	3.0	14.3	0.0	6.4	0.8	0.0	3.4	0.0	0.2
1804	**13**	0.0	2.6	0.0	10.3	0.0	0.0	0.0	14.7	0.0	21.2	0.0	0.0
1804	**14**	5.2	2.6	0.0	0.0	0.0	40.0	0.0	0.0	0.0	6.6	0.0	3.0
1804	**15**	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1804	**16**	0.0	0.0	0.0	36.1	0.0	0.0	0.0	0.0	0.0	38.4	13.9	0.0
1804	**17**	15.4	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	2.3	0.0
1804	**18**	18.7	0.0	0.1	0.0	16.9	16.0	0.0	17.5	0.0	0.0	0.0	8.1
1804	**19**	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1804	**20**	0.0	0.0	3.4	12.8	0.1	0.0	10.3	8.5	0.0	0.0	0.0	0.0
1804	**21**	15.6	0.0	0.0	2.6	15.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0
1804	**22**	0.0	0.0	12.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1804	**23**	0.0	0.0	0.8	0.0	0.0	0.0	1.5	0.2	0.0	8.1	0.0	8.1
1804	**24**	0.0	0.0	0.9	0.0	0.0	0.0	5.1	0.0	0.0	8.1	0.2	0.0
1804	**25**	0.0	0.0	12.2	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0
1804	**26**	9.0	0.0	2.3	3.4	0.0	0.0	0.5	0.0	0.0	0.0	20.3	0.0
1804	**27**	17.9	0.0	20.1	0.0	0.0	0.0	0.1	0.0	0.0	3.2	0.8	17.1
1804	**28**	8.7	0.0	31.6	0.0	0.4	0.0	0.0	0.0	0.0	21.8	3.4	0.8
1804	**29**	0.0	5.6	0.4	0.0	8.1	3.0	0.0	0.0	0.0	0.0	0.0	17.3
1804	**30**	0.0		0.0	0.0	0.0	0.0	0.3	0.0	0.0	7.5	9.6	0.4
1804	**31**	0.0		0.0		0.0		17.3	0.0		4.5		8.7
1805	**1**	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	2.3
1805	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.1	0.0	0.0	0.2
1805	**3**	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	8.5	0.0	0.0	0.0
1805	**4**	0.0	0.0	0.0	5.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1805	**5**	0.0	0.0	0.0	2.1	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1805	**6**	0.0	4.1	0.0	13.4	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0
1805	**7**	0.0	0.2	0.6	1.7	0.0	0.0	3.8	1.8	0.0	0.0	0.0	0.0
1805	**8**	0.0	0.0	0.0	8.7	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0
1805	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1805	**10**	0.0	0.0	0.6	0.0	33.7	0.0	15.2	0.0	0.0	0.0	0.0	2.8
1805	**11**	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0
1805	**12**	0.0	1.5	5.1	0.0	0.0	0.0	21.2	0.0	0.0	17.3	0.0	0.0
1805	**13**	0.0	0.0	0.0	0.0	52.5	0.0	0.2	8.5	0.0	6.6	0.0	0.0
1805	**14**	4.1	0.0	0.0	0.0	19.9	0.0	0.0	0.0	0.0	0.8	0.0	0.0
1805	**15**	15.2	0.0	0.0	7.0	0.0	0.0	38.5	65.2	0.0	0.0	0.0	0.0
1805	**16**	0.0	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.0	2.1	0.0	0.0
1805	**17**	0.0	0.0	0.0	0.0	1.1	7.7	0.0	0.0	0.0	2.4	0.0	0.0
1805	**18**	0.0	0.0	0.0	0.2	0.0	38.9	0.0	1.5	0.0	0.0	0.0	0.0
1805	**19**	0.0	18.1	0.0	4.5	16.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0
1805	**20**	0.0	8.8	0.0	0.8	0.2	17.7	0.0	27.1	0.0	0.0	0.0	0.0
1805	**21**	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1805	**22**	10.2	0.0	0.0	5.1	0.0	9.4	0.0	3.0	0.0	0.0	0.0	10.7
1805	**23**	0.0	0.8	0.0	0.0	2.6	0.0	0.0	0.0	3.0	0.0	0.0	10.5
1805	**24**	19.7	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1805	**25**	1.5	0.0	0.0	5.1	0.0	2.1	0.0	0.0	3.2	49.4	0.0	0.0
1805	**26**	0.0	0.0	0.1	5.3	0.0	1.9	0.0	0.0	0.0	0.2	0.0	0.0
1805	**27**	1.9	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	8.5
1805	**28**	8.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	10.5
1805	**29**	0.6		0.0	0.0	0.0	11.7	0.0	0.0	0.0	3.0	1.5	0.6
1805	**30**	25.2		0.0	0.0	0.0	0.6	0.0	0.0	3.0	0.8	0.0	0.0
1805	**31**	5.6		0.0		2.3		0.0	0.0		0.2		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1806	**1**	0.0	3.0	0.0	5.8	0.0	6.0	0.0	0.0	37.8	31.8	0.0	0.2
1806	**2**	1.7	13.9	0.0	0.0	0.0	0.8	0.0	0.0	7.3	10.2	0.0	0.2
1806	**3**	22.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0
1806	**4**	0.0	0.0	0.0	0.0	0.1	11.1	0.0	0.0	0.0	0.8	32.7	0.0
1806	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	35.9	0.0
1806	**6**	0.0	0.0	0.0	6.6	0.0	0.0	0.8	0.0	0.0	0.0	1.9	0.0
1806	**7**	0.0	0.0	0.0	0.0	0.0	0.0	23.5	6.2	0.0	0.0	0.0	0.0
1806	**8**	0.0	0.4	0.0	0.0	32.2	0.0	0.0	0.0	0.0	0.0	0.0	5.5
1806	**9**	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.7
1806	**10**	0.0	0.0	2.1	0.2	3.3	0.0	0.0	0.0	7.0	0.0	0.0	7.3
1806	**11**	13.5	0.0	5.5	14.3	2.1	0.0	2.4	0.2	0.0	0.0	0.0	0.0
1806	**12**	0.0	0.0	0.0	1.7	0.0	0.4	0.0	1.3	13.4	0.0	0.0	0.1
1806	**13**	0.0	0.6	16.2	22.6	0.0	0.0	16.9	80.3	0.0	0.0	0.0	0.0
1806	**14**	0.0	41.0	0.0	3.9	0.0	0.4	0.0	4.1	0.0	0.0	0.0	0.0
1806	**15**	0.0	19.4	5.4	8.8	0.0	0.0	0.0	10.2	18.8	0.0	0.0	0.0
1806	**16**	0.0	1.5	1.9	3.0	0.0	0.0	0.0	3.0	12.8	5.5	0.0	0.0
1806	**17**	0.0	0.0	0.0	1.7	0.0	33.1	0.0	0.0	0.0	0.0	0.0	0.0
1806	**18**	1.7	0.0	11.3	0.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1806	**19**	0.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
1806	**20**	0.0	0.0	15.4	0.0	0.0	0.0	4.9	0.0	0.0	4.3	1.0	0.0
1806	**21**	0.0	0.0	0.4	0.8	17.3	0.0	2.3	0.0	0.0	0.0	1.9	8.1
1806	**22**	0.0	0.0	0.0	12.6	4.5	20.7	0.0	15.2	0.0	0.0	1.9	0.2
1806	**23**	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.9	17.7	0.0
1806	**24**	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	0.0	0.0
1806	**25**	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1806	**26**	0.4	0.0	22.7	9.2	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0
1806	**27**	3.4	0.0	5.5	4.1	0.0	0.0	0.6	0.0	3.6	0.0	0.0	0.0
1806	**28**	0.4	0.0	0.0	1.5	0.0	0.0	1.1	0.0	0.0	0.0	0.2	0.0
1806	**29**	5.1		4.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1806	**30**	2.4		0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	7.0
1806	**31**	0.0		0.0		5.5		0.0	33.1		0.0		0.0
1807	**1**	0.2	8.1	0.0	0.2	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.6
1807	**2**	0.0	0.0	0.0	5.1	0.0	0.0	6.8	42.1	3.6	0.0	0.0	0.0
1807	**3**	0.0	0.0	0.0	6.8	0.0	4.2	17.7	1.5	0.0	0.0	0.0	1.9
1807	**4**	0.0	8.7	0.0	0.2	0.0	4.0	0.0	0.0	0.0	0.0	16.7	0.0
1807	**5**	0.0	0.0	1.1	16.7	0.0	0.8	0.0	6.0	30.5	0.0	23.5	0.0
1807	**6**	0.0	0.0	1.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	5.6	0.0
1807	**7**	0.0	0.0	9.4	0.0	11.8	0.0	0.0	0.0	8.8	0.0	0.0	16.7
1807	**8**	0.0	0.0	13.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1807	**9**	0.0	0.0	6.6	0.0	0.0	25.2	7.1	0.0	0.0	0.0	0.4	0.4
1807	**10**	0.0	0.4	9.6	0.0	4.7	5.5	0.0	0.0	0.0	0.0	10.3	9.8
1807	**11**	0.0	0.0	5.5	0.0	40.8	0.0	0.0	0.0	0.0	0.0	2.1	0.0
1807	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0
1807	**13**	0.0	0.0	11.5	0.0	1.2	7.0	0.0	0.0	0.0	0.0	12.4	0.0
1807	**14**	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.7	13.2	0.0	0.0	0.0
1807	**15**	0.0	0.0	0.0	36.9	0.0	0.0	0.0	13.0	32.0	0.0	0.0	0.0
1807	**16**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	5.3	0.6	0.0	30.5	0.0
1807	**17**	0.0	0.2	0.0	38.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1807	**18**	0.0	12.0	0.0	32.7	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0
1807	**19**	7.3	0.0	0.0	1.9	2.1	0.0	45.9	0.0	0.0	0.2	0.9	0.0
1807	**20**	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	7.1	0.0
1807	**21**	16.0	0.0	0.0	0.0	0.0	10.2	0.0	24.8	0.0	0.0	4.5	0.0
1807	**22**	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1	0.0
1807	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.8	5.8	0.0
1807	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0
1807	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	20.7	0.4	0.0
1807	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.6	0.0	0.0
1807	**27**	0.0	0.0	0.0	0.0	0.0	19.7	0.0	0.0	0.0	32.0	0.0	0.0
1807	**28**	0.0	7.5	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	9.8	0.0
1807	**29**	0.0		20.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1807	**30**	0.0		4.7	0.0	25.0	19.4	0.0	0.0	0.0	0.0	13.3	0.0
1807	**31**	0.0		2.4		0.0		0.0	0.0		0.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1808	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.6	0.0	0.0	0.0	0.0
1808	**2**	7.5	0.0	0.0	0.0	0.0	0.0	0.0	15.2	32.0	0.0	0.0	0.0
1808	**3**	7.1	0.4	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0
1808	**4**	16.0	3.4	0.0	0.0	0.0	0.8	14.5	0.0	0.0	0.0	8.1	0.0
1808	**5**	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	13.2	0.0
1808	**6**	0.0	0.0	0.0	0.0	0.0	3.6	58.2	0.0	0.0	0.0	0.0	0.0
1808	**7**	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0
1808	**8**	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	3.2	0.0
1808	**9**	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	20.4	35.2	0.3	0.0
1808	**10**	0.0	0.4	0.0	0.0	0.2	11.7	0.0	0.8	0.0	15.4	11.5	0.0
1808	**11**	0.0	13.5	0.0	0.0	1.5	16.0	0.0	0.6	1.9	0.0	0.0	0.0
1808	**12**	0.0	0.0	0.0	0.0	0.8	0.4	0.0	0.0	0.0	0.0	1.3	0.0
1808	**13**	0.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.2
1808	**14**	0.0	0.0	0.0	0.0	0.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0
1808	**15**	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1808	**16**	13.2	0.0	0.0	0.0	0.0	6.5	0.0	0.4	0.0	37.5	0.0	0.0
1808	**17**	38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1808	**18**	0.0	0.0	0.0	2.4	0.0	0.0	0.0	23.5	0.0	0.0	0.1	0.0
1808	**19**	0.0	0.0	0.0	0.0	0.2	0.0	1.9	24.8	0.0	11.8	24.8	7.5
1808	**20**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1808	**21**	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1808	**22**	1.5	0.0	0.0	1.2	7.9	4.1	0.0	0.0	0.0	0.0	0.0	0.9
1808	**23**	0.0	0.0	0.0	5.6	0.0	32.3	0.0	0.0	22.6	8.8	0.0	0.6
1808	**24**	0.0	0.0	0.0	0.2	0.0	17.3	0.0	0.0	0.6	0.0	0.0	11.8
1808	**25**	0.0	0.0	0.0	0.0	0.0	17.7	0.0	3.6	0.4	0.0	0.0	0.0
1808	**26**	0.0	0.0	0.0	12.1	0.0	0.2	2.6	0.0	0.0	0.0	0.0	0.0
1808	**27**	6.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	9.6
1808	**28**	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
1808	**29**	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1808	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1808	**31**	0.0		4.0		0.0		0.0	0.0		0.0		0.0
1809	**1**	0.0	0.1	0.0	2.9	0.0	1.7	26.7	0.0	0.0	0.0	1.9	0.0
1809	**2**	0.0	0.0	0.0	3.0	2.7	21.2	0.8	0.0	0.0	0.0	0.0	0.9
1809	**3**	34.6	0.0	0.0	7.9	0.0	0.0	0.0	0.2	0.9	0.0	0.4	0.0
1809	**4**	2.6	0.0	0.0	18.8	0.0	0.0	7.7	0.0	2.8	0.0	0.0	0.0
1809	**5**	0.2	0.0	0.0	4.0	4.5	0.9	0.0	0.0	21.4	0.0	0.0	8.1
1809	**6**	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	22.0	0.0
1809	**7**	10.2	0.0	0.0	0.1	0.0	7.3	0.0	5.1	7.3	0.0	0.0	0.0
1809	**8**	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0
1809	**9**	10.5	0.0	0.0	5.1	0.0	0.3	0.0	0.0	0.0	2.4	0.0	0.0
1809	**10**	0.3	0.0	0.0	15.3	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0
1809	**11**	0.0	11.5	0.0	0.0	0.0	0.2	10.2	0.0	0.0	0.0	0.0	0.0
1809	**12**	0.0	0.9	0.0	0.2	0.0	1.3	0.6	0.0	2.4	6.0	0.0	3.0
1809	**13**	0.0	3.1	0.0	3.8	0.0	0.0	0.8	0.0	0.0	0.8	0.0	2.3
1809	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	49.8	0.0	4.9
1809	**15**	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	56.6	12.1	0.0
1809	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	15.4
1809	**17**	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	20.3	18.0
1809	**18**	0.0	0.0	0.0	31.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0
1809	**19**	0.0	0.0	0.0	16.3	0.0	0.0	23.3	0.0	0.1	0.0	4.1	12.8
1809	**20**	0.0	0.0	0.0	1.7	0.0	1.5	0.0	0.0	0.0	0.2	0.4	0.0
1809	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0
1809	**22**	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0
1809	**23**	11.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1809	**24**	0.3	0.0	0.0	11.8	15.4	0.2	0.0	8.5	0.0	0.0	0.0	0.0
1809	**25**	0.0	0.0	3.0	0.0	21.2	0.0	0.0	28.6	0.0	0.0	18.6	0.0
1809	**26**	0.4	0.0	7.9	0.0	0.0	11.9	0.0	6.6	0.0	0.0	5.6	0.0
1809	**27**	0.2	0.0	6.1	0.0	0.4	10.6	9.8	0.0	0.0	0.0	27.3	0.0
1809	**28**	0.1	0.0	2.3	45.9	0.0	0.4	2.4	0.0	31.4	0.0	7.5	0.0
1809	**29**	0.1		0.0	0.0	0.1	0.0	0.0	0.0	54.7	0.3	7.5	0.0
1809	**30**	0.1		0.1	7.4	29.3	7.1	0.0	0.0	3.8	0.0	9.4	0.0
1809	**31**	0.1		0.1		0.0		0.0	0.0		0.0		0.0

ESM 20. Toaldo & Chiminello Raw Precipitation Data (mm): 1768-1811
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1810	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0
1810	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	18.8	3.2
1810	**3**	0.0	2.8	0.0	0.0	0.0	0.4	3.3	0.0	0.0	0.0	20.7	24.4
1810	**4**	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	11.3	0.9
1810	**5**	0.0	0.0	0.0	0.3	6.8	0.0	33.3	0.2	0.4	0.0	0.0	0.0
1810	**6**	0.0	0.0	7.5	0.0	0.4	0.0	0.0	18.1	0.0	0.0	0.0	0.0
1810	**7**	2.3	12.8	0.0	5.5	1.1	0.0	0.0	0.0	0.0	12.6	0.0	0.0
1810	**8**	0.0	0.0	3.9	0.6	5.1	0.0	0.0	0.0	0.0	4.3	0.0	7.1
1810	**9**	0.0	0.0	0.0	0.0	2.8	0.0	0.4	19.6	0.0	0.0	0.0	1.1
1810	**10**	0.0	0.0	0.0	4.9	0.0	0.7	0.0	0.2	0.0	0.0	3.0	0.0
1810	**11**	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	1.7	1.5	0.0
1810	**12**	0.0	2.0	0.0	0.0	1.5	0.0	15.2	0.0	0.0	0.0	0.0	2.8
1810	**13**	0.0	17.3	0.0	21.2	0.0	26.9	0.0	0.0	5.6	0.0	0.0	0.0
1810	**14**	0.0	1.5	0.0	5.8	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0
1810	**15**	3.0	0.1	0.0	0.0	6.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
1810	**16**	0.9	13.4	4.9	0.0	5.6	0.0	13.2	0.0	0.0	0.0	0.0	0.0
1810	**17**	10.7	32.7	0.0	1.3	0.0	16.2	0.0	0.0	25.6	0.0	0.0	0.0
1810	**18**	0.0	0.0	0.0	1.3	0.0	20.3	0.0	0.2	20.3	0.0	1.5	0.0
1810	**19**	8.1	0.0	6.4	0.0	0.0	0.0	0.0	2.4	5.1	0.0	0.0	2.2
1810	**20**	0.0	0.0	0.0	0.1	0.0	0.0	3.3	0.0	0.0	0.0	7.7	0.0
1810	**21**	11.7	0.0	13.0	0.0	1.9	0.0	12.4	10.9	0.0	0.0	0.0	0.0
1810	**22**	57.3	0.0	0.0	0.0	0.0	0.0	1.9	0.2	0.0	0.0	0.2	3.5
1810	**23**	12.0	0.0	0.0	0.0	0.2	25.4	0.0	0.0	0.0	0.0	0.0	0.0
1810	**24**	2.8	0.0	0.0	0.0	0.3	0.0	0.0	0.4	0.0	0.3	6.2	0.1
1810	**25**	0.0	0.0	22.0	0.4	2.4	0.0	0.0	0.0	0.0	0.0	11.8	0.0
1810	**26**	0.0	0.0	0.0	0.0	0.0	1.1	0.0	5.8	0.0	15.8	34.0	0.0
1810	**27**	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	1.5	0.0
1810	**28**	0.0	0.0	0.0	0.0	5.3	0.6	1.1	0.0	0.0	0.4	3.8	0.0
1810	**29**	0.0		0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0
1810	**30**	0.0		0.6	0.0	0.0	0.0	0.0	0.0	0.0	25.2	0.0	0.2
1810	**31**	0.0		10.0		0.7		0.0	0.0		38.5		0.0
1811	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	**2**	0.0	0.1	21.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	**3**	15.0	2.9	0.0	0.0	0.0	0.2	4.5	0.0	0.0	1.9	0.0	0.0
1811	**4**	0.0	0.1	0.0	0.0	0.0	4.0	0.0	6.6	0.0	0.0	0.0	0.0
1811	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	7.5	0.0	0.0
1811	**6**	22.2	0.0	0.1	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.9
1811	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	**8**	4.1	0.0	0.0	10.2	12.6	0.0	29.7	0.0	0.0	0.0	0.0	0.0
1811	**9**	0.0	0.0	0.0	23.5	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0
1811	**10**	0.0	0.4	0.0	9.2	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0
1811	**11**	5.9	0.0	0.0	6.4	0.0	0.0	12.8	9.4	0.0	0.0	0.0	0.0
1811	**12**	0.0	0.2	0.0	10.2	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
1811	**13**	0.0	1.3	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	13.5	0.0
1811	**14**	0.0	0.1	0.0	0.0	19.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0
1811	**15**	0.0	0.0	0.0	0.0	18.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0
1811	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	**17**	9.4	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
1811	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	**19**	5.1	0.0	0.0	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	**20**	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.9	0.0	0.0	0.0
1811	**21**	0.0	0.0	0.0	0.0	0.0	26.9	0.0	0.0	0.0	0.0	0.0	0.0
1811	**22**	0.0	0.0	0.0	0.0	3.1	25.9	0.0	0.0	12.6	0.0	0.0	1.5
1811	**23**	0.0	0.0	0.0	0.0	0.0	17.5	12.6	0.0	2.8	0.0	0.0	0.0
1811	**24**	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1811	**25**	0.0	0.0	0.0	0.0	0.0	17.3	0.0	0.0	8.8	13.5	0.0	0.0
1811	**26**	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.9	0.0	0.0	0.0
1811	**27**	0.9	0.0	0.0	17.3	0.0	0.0	0.0	16.4	8.5	8.3	0.0	0.0
1811	**28**	0.0	0.0	0.0	1.2	0.0	6.8	0.0	0.0	0.0	16.2	0.0	7.1
1811	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	24.8	13.0	0.0	0.0
1811	**30**	0.0		0.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0
1811	**31**	0.0		0.0		0.0		6.8	0.0		3.2		4.5

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1812	1	0.0	0.0	0.0	0.0	0.0	32.3	0.0	0.0	0.0	0.0	0.0	0.0
1812	2	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0
1812	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1812	4	0.0	0.0	0.0	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0
1812	5	0.0	48.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1812	6	13.0	0.0	0.0	0.0	0.0	9.4	0.0	10.3	0.4	10.3	0.0	0.0
1812	7	0.0	9.4	0.0	0.0	0.0	0.8	37.2	0.0	23.9	0.0	0.0	0.0
1812	8	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	28.2	5.6	0.0	0.0
1812	9	0.0	0.0	16.0	4.1	0.0	0.2	6.4	6.8	0.0	0.0	0.0	0.0
1812	10	0.0	0.0	0.0	0.6	0.0	7.0	0.0	0.9	0.0	2.4	0.0	0.0
1812	11	0.0	0.0	18.8	0.0	0.0	22.9	0.0	0.0	0.0	0.0	2.3	0.0
1812	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0
1812	13	0.0	0.0	22.4	0.0	9.8	0.0	0.0	0.0	0.0	3.9	0.0	0.0
1812	14	0.0	0.0	0.0	0.0	16.5	0.0	7.5	22.6	0.0	0.0	0.0	0.0
1812	15	0.0	0.0	25.6	0.0	2.4	0.0	13.5	0.0	0.0	31.0	4.7	0.0
1812	16	0.0	0.0	10.5	0.0	0.0	0.0	19.7	0.0	0.0	17.5	0.0	27.4
1812	17	0.0	0.0	9.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.1
1812	18	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	27.1	0.0
1812	19	0.0	0.0	0.0	30.3	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0
1812	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5
1812	21	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1812	22	0.0	0.0	7.9	0.0	10.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0
1812	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1812	24	0.0	0.0	7.1	0.0	0.0	0.0	56.4	0.0	11.7	0.0	0.0	0.0
1812	25	0.0	4.9	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1812	26	0.0	0.0	5.1	5.6	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0
1812	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1812	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
1812	29	0.0	0.0	0.0	6.8	0.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0
1812	30	0.0		0.0	0.0	0.0	0.0	18.6	20.5	0.0	22.6	0.0	0.0
1812	31	15.2		0.0		4.7		0.0	0.0		0.0		0.0
1813	1	0.0	0.0	0.0	0.0	3.8	1.5	0.0	0.0	0.0	0.4	0.0	0.0
1813	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	15.0	18.0	20.3
1813	3	27.1	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
1813	4	10.0	0.0	0.0	8.5	0.0	0.0	6.2	0.0	0.2	0.0	4.9	3.0
1813	5	0.4	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	5.6	1.5
1813	6	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.5	0.0	0.0	6.8
1813	7	0.0	0.0	0.0	0.0	3.8	11.7	0.0	0.0	3.2	0.0	27.6	2.8
1813	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	5.1
1813	9	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	22.2	0.0	0.0	0.0
1813	10	48.7	0.0	0.0	0.0	0.0	0.0	15.2	0.0	4.7	0.0	0.0	6.4
1813	11	7.9	0.0	2.8	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	1.5
1813	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0
1813	13	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0
1813	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	0.0
1813	15	0.0	0.0	7.5	0.0	0.0	0.8	0.0	7.3	0.0	6.2	0.0	3.0
1813	16	0.0	0.0	0.0	0.0	0.0	3.4	15.8	0.0	0.0	0.0	0.0	0.0
1813	17	0.0	0.0	0.0	0.0	4.3	2.8	3.6	0.0	0.6	5.6	0.0	0.0
1813	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1813	19	0.0	0.0	0.0	0.0	3.0	6.0	0.0	0.0	13.5	16.0	0.0	0.0
1813	20	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.9	0.0	0.0	0.0
1813	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.2
1813	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	23.5	7.0	0.0	0.0
1813	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	11.8	0.0	0.0	7.5
1813	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0
1813	25	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
1813	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1813	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0
1813	28	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	7.5	12.0	0.0	0.0
1813	29	0.0		0.0	17.3	0.0	0.0	0.0	3.8	0.0	12.0	6.6	0.0
1813	30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1813	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1814	**1**	0.0	0.0	0.0	0.0	0.0	2.4	12.0	0.0	0.0	0.0	0.0	0.0
1814	**2**	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.9	0.0	3.4
1814	**3**	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0
1814	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.1	18.0
1814	**5**	0.0	0.0	13.2	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
1814	**6**	11.7	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
1814	**7**	4.1	0.0	0.0	0.0	8.3	0.0	0.0	18.0	0.0	4.7	0.0	21.6
1814	**8**	0.0	0.0	28.4	11.7	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0
1814	**9**	22.7	0.0	0.0	0.0	0.0	13.9	0.0	0.0	0.0	0.0	0.0	0.0
1814	**10**	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
1814	**11**	0.0	0.0	3.4	0.0	7.5	0.0	0.0	5.8	0.8	4.1	0.0	0.0
1814	**12**	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
1814	**13**	0.0	0.0	0.8	0.0	0.0	0.0	2.3	6.8	0.0	0.0	0.0	0.0
1814	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1814	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0
1814	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.3	0.0	0.0
1814	**17**	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0
1814	**18**	0.0	0.0	0.0	0.0	1.3	22.9	11.3	0.0	0.0	0.0	0.0	0.0
1814	**19**	0.0	0.0	0.0	0.0	0.0	1.3	5.5	0.0	0.0	0.0	0.0	0.0
1814	**20**	23.3	0.0	0.0	0.0	9.8	6.0	0.4	0.0	0.0	0.4	0.0	0.0
1814	**21**	0.0	0.0	0.0	23.7	0.0	0.0	6.0	7.9	0.0	19.6	0.0	0.0
1814	**22**	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	25.4	6.0	0.0
1814	**23**	23.7	0.0	1.9	64.7	4.3	15.2	0.0	0.0	0.0	1.1	0.0	7.1
1814	**24**	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	6.6	0.0
1814	**25**	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	22.4	0.0	0.0
1814	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0
1814	**27**	0.0	0.0	0.0	0.4	0.0	47.2	0.0	1.5	0.0	27.4	6.8	20.1
1814	**28**	0.0	0.0	0.0	0.0	0.0	5.6	0.0	19.7	0.0	0.0	0.0	0.0
1814	**29**	0.0		0.0	0.0	1.5	6.4	0.0	0.0	0.0	0.0	0.0	26.3
1814	**30**	5.1		0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0
1814	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1815	**1**	0.0	0.0	0.0	0.0	0.0	5.3	1.7	0.0	0.0	56.4	0.0	0.0
1815	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0
1815	**3**	0.0	1.7	0.0	0.0	10.2	21.2	0.0	0.0	0.0	0.0	0.0	0.0
1815	**4**	0.0	0.0	0.0	0.0	5.6	0.0	25.4	0.0	0.0	0.0	0.0	0.0
1815	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	9.4
1815	**6**	17.9	11.1	0.0	0.0	7.9	0.0	7.5	0.0	0.0	0.0	0.0	0.0
1815	**7**	0.0	0.0	0.0	0.0	0.0	5.6	30.5	31.2	0.4	0.0	0.0	0.0
1815	**8**	0.0	0.0	0.0	0.0	0.0	0.0	5.1	5.8	0.0	0.0	0.0	0.0
1815	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1815	**10**	0.0	0.0	17.1	0.0	6.6	28.8	0.0	0.0	0.0	0.0	0.0	0.0
1815	**11**	0.0	0.0	0.6	0.0	0.0	21.2	0.0	36.3	0.0	0.0	0.0	0.0
1815	**12**	0.0	1.3	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0
1815	**13**	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0
1815	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1815	**15**	0.0	0.9	0.0	33.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1815	**16**	0.0	0.0	0.0	2.6	6.6	10.2	0.0	0.0	0.0	0.0	16.0	0.0
1815	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2	0.0	0.0	0.0
1815	**18**	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0	0.0
1815	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1815	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
1815	**21**	0.0	0.0	0.0	0.0	0.0	0.6	0.0	3.0	0.0	0.0	19.6	0.0
1815	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1815	**23**	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1815	**24**	0.0	0.0	0.0	5.1	7.3	12.2	0.0	0.0	0.0	0.0	25.4	13.2
1815	**25**	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0	0.0
1815	**26**	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
1815	**27**	0.0	0.0	0.6	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.4	0.0
1815	**28**	0.0	0.0	0.0	0.0	0.0	0.0	13.7	3.8	0.0	0.0	0.0	0.0
1815	**29**	25.4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.4	0.0
1815	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1815	**31**	0.0		0.0		0.6		5.1	1.9		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1816	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	7.5	0.0	4.1	0.0
1816	**2**	0.0	0.0	0.0	0.0	0.0	6.8	2.4	0.0	0.0	0.0	0.0	0.0
1816	**3**	0.0	0.0	0.0	2.3	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0
1816	**4**	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	3.8	0.0
1816	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0
1816	**7**	0.0	10.5	0.0	3.0	8.5	0.0	0.0	3.8	0.0	0.0	4.7	0.0
1816	**8**	0.0	0.0	0.0	0.8	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0
1816	**9**	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**10**	0.0	0.0	5.8	0.0	2.8	0.6	0.0	0.0	0.0	0.0	6.4	0.0
1816	**11**	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**13**	6.4	0.0	0.0	0.0	1.5	3.8	0.0	0.0	15.8	0.0	0.0	0.0
1816	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**15**	0.0	0.0	0.0	8.1	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0
1816	**16**	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0
1816	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0
1816	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	0.0	41.5	0.0	0.0
1816	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
1816	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**21**	0.0	0.0	0.0	0.0	13.2	0.0	0.0	4.1	0.0	16.9	0.0	0.0
1816	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0
1816	**23**	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.0	0.0	0.0
1816	**24**	0.0	0.0	0.0	0.0	17.5	6.2	0.0	0.0	0.9	0.0	0.0	0.0
1816	**25**	0.0	0.0	0.0	10.2	2.3	1.9	0.0	5.3	3.2	0.0	49.6	0.0
1816	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**27**	18.8	0.0	0.0	3.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**28**	0.0	0.0	0.0	6.6	12.4	16.7	0.0	0.0	0.0	0.0	0.0	0.0
1816	**29**	0.0	0.0	0.0	0.0	8.6	0.6	0.0	0.0	0.0	2.3	0.0	0.0
1816	**30**	0.0		0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1816	**31**	0.0		0.0		0.0		0.0	8.3		21.8		0.0
1817	**1**	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0
1817	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1817	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	19.6	0.0	0.0
1817	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0
1817	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	18.0
1817	**6**	0.0	1.1	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0
1817	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1817	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1817	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	6.6
1817	**10**	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	9.0	0.0
1817	**11**	0.0	0.0	0.0	7.5	11.3	0.0	0.0	2.3	0.0	0.0	0.0	0.0
1817	**12**	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1817	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.4	0.0	2.1
1817	**14**	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0
1817	**15**	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	2.6	0.0	0.0
1817	**16**	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0	2.6	3.9
1817	**17**	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
1817	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0
1817	**19**	0.0	0.0	0.8	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	4.7
1817	**20**	8.3	0.0	0.0	0.0	9.4	0.0	14.1	0.0	0.0	0.0	0.0	0.0
1817	**21**	0.0	0.0	5.1	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1817	**22**	0.0	0.0	0.0	0.0	11.7	0.0	0.0	11.3	0.0	18.8	0.0	0.0
1817	**23**	0.0	0.0	6.4	0.0	5.3	23.5	0.0	24.8	14.3	0.0	0.0	0.0
1817	**24**	0.0	0.0	0.0	0.0	10.2	0.0	18.2	0.0	2.3	0.0	0.0	12.6
1817	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	15.8
1817	**26**	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	1.1	0.0
1817	**27**	0.0	0.0	0.0	9.4	14.3	6.0	0.0	0.0	0.0	0.0	0.0	0.0
1817	**28**	0.0	0.0	0.0	0.0	0.0	9.8	0.0	12.4	0.0	35.5	0.0	0.0
1817	**29**	0.0		0.0	0.0	7.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0
1817	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0
1817	**31**	0.0		6.4		0.0		0.0	0.0		0.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1852	**1**	0	0	0	0	0	0	0	0	0	0	0	24.41
1852	**2**	0	0	0	11.62	0	0	5.83	0	0	0	0	0
1852	**3**	0	0	0	0	12.63	0	0	8.09	14.8	0	0	5.29
1852	**4**	0	0	0	2.06	0	0	0	0	16.48	11.23	0	0
1852	**5**	0	0	0	0	0	0	0	0	0	0	0	0
1852	**6**	0	0	3.93	0	0	0	0	0	0	0	0	0
1852	**7**	0	0	0	0	0	0	0	0	0	17.88	0	0
1852	**8**	0	0	0	0	0	0	25.99	0	13.33	0	0	0
1852	**9**	0	0	0	0	0	0	5.24	0	15.77	0	0	6.76
1852	**10**	0	0	0	0	0	31.53	0	0	0	15.23	0	0
1852	**11**	0	15.28	12.79	0	0	0	0	2.87	0	39.32	0	0
1852	**12**	0	0	4.81	0	3.14	0	0	0	0	0	0	0
1852	**13**	0	14.15	0	0	13.79	0	0	8.2	0	13.4	0	0
1852	**14**	0	0	1.9	0	0	25.94	0	2.64	0	0	13.33	0
1852	**15**	0	0	0	0	0	19.23	0	0	7.73	0	0	4.57
1852	**16**	0	0	0	0	0	0	0	0	3.89	0	0	0
1852	**17**	0	0	0	0	0	0	0	0	6.26	0	18.74	12.54
1852	**18**	0	0	0	0	0	0	0	0	0	0	4	0
1852	**19**	0	0	0	0	0	0	1.33	0	0	0	0	0
1852	**20**	0	0	0	4.59	0	0	0	13.51	0	0	0	0
1852	**21**	0	0	0	0	0	0	0	0	0	0	0	0
1852	**22**	0	0	0	0	0	0	0	0	0	0	24.09	0
1852	**23**	0	0	0	0	0	0	0	0	0	0	0	0
1852	**24**	0	0	0	0	0	0	0	3.34	0	0	0	0
1852	**25**	8.48	0	0	0	0	0	0	0	2.26	0	4.66	0
1852	**26**	0	0	2.42	0	0	0	16.88	0	0	25.72	0	0
1852	**27**	0	0	0	0	0	0	0	0	31.98	6.76	0	0
1852	**28**	0	0	0	0	0	0	17.61	0	0	8.86	0	0
1852	**29**	0	0	0	0	0	0	0	0	24.14	3.5	0	0
1852	**30**	0		0	0	7.73	0	17.92	0	13.33	0	0	0
1852	**31**	0		0		11.93		0	0		0		0
1853	**1**	0	0	0	0	5.09	18.96	0	0	0	0	0	0
1853	**2**	0	0	20.36	0	0	0	0	0	0	0	5.45	0
1853	**3**	0	0	0	3.62	0	0	3.96	3.57	0	0	0	0
1853	**4**	0	2.6	0	0	0	24.95	0	0	0	7.19	0	0
1853	**5**	0	0	18.22	0	0	0	0	1.76	0	0	0	0
1853	**6**	0	0	0	0	0	0	3.5	8.32	27.93	0	0	0
1853	**7**	0	18.85	0	0	26.15	7.77	0	0	20.79	14.35	4.9	0
1853	**8**	0	15.57	0	0	0	1.72	0	0	5.09	0	0	0
1853	**9**	0	0	0	35.01	0	0	0	0	0	14.69	18.26	0
1853	**10**	0	4.41	4.27	0	0	0	0	4.9	0	0	0	0
1853	**11**	11.73	0	0	0	0	0	0	0	0	28.09	0	0
1853	**12**	0	6.96	0	0	0	11.46	0	0	0	8.2	7.89	0
1853	**13**	0	0	0	0	3.14	0	0	0	0	0	0	0
1853	**14**	0	0	0	21.22	0	0	0	0	0	7.46	0	0
1853	**15**	0	3.8	0	0	0	0	0	0	0	0	0	0
1853	**16**	0	0	8.27	0	0	14.85	0	7.91	0	0	0	0
1853	**17**	0	0	12.7	0	13.61	0	0	28.79	0	29.81	26.69	0
1853	**18**	22.8	0	0	0	0	0	0	1.72	0	0	0	10.49
1853	**19**	0	0	0	0	0	0	0	0	0	23.32	0	0
1853	**20**	0	0	33.61	0	0	0	0	0	0	0	0	38.08
1853	**21**	0	13.76	11.93	0	0	0	0	0	0	16.9	0	16.39
1853	**22**	0	0	0	0	0	0	0	0	0	0	0	0
1853	**23**	0	0	0	0	22.31	0	0	0	0	0	0	15.89
1853	**24**	15.98	0	0	4.43	0	4.2	2.64	0	0	0	0	0
1853	**25**	4.81	3.82	12.54	5.33	0	0	0	0	0	0	0	0
1853	**26**	0	0	0	0	9.94	0	0	0	4.05	0	0	0
1853	**27**	0	0	0	10.8	0	0	0	0	0	0	0	0
1853	**28**	0	0	37.81	0	0	0	0	0	0	0	0	0
1853	**29**	18.26		20.52	0	0	0	0	0	0	0	0	0
1853	**30**	0		0	23.55	0	0	1.81	0	0	0	0	0
1853	**31**	11.23		0		0		0	0		4.63		0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1818	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0
1818	**2**	18.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0
1818	**3**	0.0	28.2	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0
1818	**4**	0.0	0.8	12.0	0.0	0.0	0.0	26.5	0.0	0.0	0.0	0.0	0.0
1818	**5**	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**7**	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	30.5	25.4
1818	**8**	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	28.8	31.2	0.0	0.0
1818	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	33.5	0.0
1818	**10**	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	1.7	0.0	0.0
1818	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	0.0	0.0	0.0
1818	**12**	0.0	0.0	0.0	0.0	48.5	0.0	0.0	16.9	0.0	0.0	0.0	35.5
1818	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.3	0.0	0.0	0.0	0.0
1818	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0
1818	**15**	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0
1818	**16**	0.0	0.0	0.0	0.0	7.0	7.7	0.0	0.0	0.0	0.0	0.9	0.0
1818	**17**	0.0	0.0	32.7	0.0	0.4	3.2	0.0	22.6	0.0	0.0	0.0	0.0
1818	**18**	0.0	0.0	0.0	37.6	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
1818	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.0
1818	**20**	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**21**	0.0	0.0	0.0	6.4	0.0	0.0	0.0	22.6	0.0	0.0	0.0	0.0
1818	**22**	0.0	0.0	0.0	0.0	0.0	10.2	15.2	0.9	0.0	0.0	0.0	0.0
1818	**23**	0.0	5.1	0.0	0.0	0.0	0.0	0.0	22.0	4.9	0.0	0.0	0.0
1818	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**26**	12.0	0.0	0.0	0.0	3.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0
1818	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**28**	0.0	0.0	33.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1818	**31**	0.0		0.0		49.1		0.0	0.0		0.0		0.0
1819	**1**	0.0	40.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**2**	0.0	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**3**	0.0	0.0	50.8	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
1819	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.4	0.0	0.0	0.0	0.0
1819	**5**	0.0	3.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0
1819	**7**	0.0	0.0	13.0	0.0	0.0	10.2	0.0	0.0	21.4	0.0	0.0	0.0
1819	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.2	0.0	0.0	0.0	0.0
1819	**9**	0.0	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.5	0.0	0.0	0.0	0.0
1819	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**13**	0.0	1.9	0.0	0.0	0.0	0.0	0.0	33.8	0.0	0.0	0.0	0.0
1819	**14**	0.0	0.0	0.0	0.0	0.0	48.9	0.0	0.0	0.0	0.0	10.2	2.3
1819	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0
1819	**16**	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0
1819	**17**	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**18**	0.0	0.0	0.0	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**19**	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.3	21.1	0.0
1819	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**21**	0.0	0.0	0.0	0.0	0.0	0.0	50.8	0.0	0.0	0.0	0.0	0.0
1819	**22**	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	24.1	15.0	0.0
1819	**23**	0.0	0.0	0.0	0.0	0.0	60.9	0.0	0.0	0.0	0.0	0.0	0.0
1819	**24**	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0
1819	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819	**27**	0.0	0.0	0.0	0.0	8.8	0.0	0.0	10.2	0.0	0.0	0.0	0.0
1819	**28**	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	33.5	0.0	0.0
1819	**29**	0.0		0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0
1819	**30**	0.0		0.0	0.0	10.2	0.0	0.0	0.0	0.0	17.5	0.0	0.0
1819	**31**	0.0		0.0		0.0		0.0	48.7		0.0		14.9

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1820	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	2	0.0	0.0	0.0	0.0	11.3	0.0	3.8	0.0	0.0	0.0	0.0	0.0
1820	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	4	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0
1820	5	0.0	0.0	47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	6	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.8	0.0	0.0	0.0	0.0
1820	7	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	7.5	0.0	0.0	0.0
1820	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	10	0.0	0.0	0.0	33.8	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0
1820	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	13	0.0	15.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0
1820	14	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.6	0.0	0.0	0.0	47.4
1820	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.8	0.0
1820	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	17	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	5.1	0.0
1820	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	0.0
1820	19	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0
1820	20	52.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0
1820	21	0.0	48.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	22	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	13.9	0.0	0.0	0.0
1820	23	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	24	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	11.3	0.0	0.0
1820	25	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0
1820	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820	29	3.9	0.0	0.0	3.8	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0
1820	30	0.0		0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
1820	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1821	1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	3	11.7	0.0	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	5	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	5.1
1821	6	0.0	0.0	0.0	0.0	0.0	39.1	0.0	0.0	0.0	0.0	4.9	0.0
1821	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	0.0	0.0
1821	8	0.0	0.0	0.0	0.0	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	10	28.4	0.0	0.0	0.0	0.0	0.0	24.8	35.5	0.0	0.0	0.0	0.0
1821	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0
1821	12		0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0
1821	13	0.0	0.0	0.0	15.0	0.0	0.0	0.0	24.4	19.0	0.0	0.0	0.0
1821	14		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	15	0.0	0.0	0.0	0.0	0.0	0.0	43.1	0.0	0.0	0.0	0.0	0.0
1821	16		0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0
1821	17	0.0	0.0	0.0	0.0	0.0	43.6	0.0	0.0	0.0	0.0	0.0	0.0
1821	18	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	21		0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0
1821	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	23	0.0	0.0	21.4	0.0	11.7	0.0	0.0	0.0	0.0	21.1	0.0	0.0
1821	24	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6	0.0	0.0
1821	27	0.0	0.0	0.0	0.0	35.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1821	28	0.0	0.0	7.1	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	50.8
1821	29	0.0		0.0	0.0	0.0	0.0	20.3	0.0	0.0	0.0	0.0	0.0
1821	30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2
1821	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1822	**1**	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	26.1	0.0	0.0	0.0
1822	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.8	0.0	0.0
1822	**3**	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0
1822	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0
1822	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	0.0	0.0
1822	**8**	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	45.7
1822	**9**	24.1	0.0	0.0	0.0	0.0	0.0	26.9	0.0	0.0	0.0	0.0	0.0
1822	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**11**	0.0	0.0	0.0	32.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**12**	0.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0
1822	**13**	0.0	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.1	0.0	0.0
1822	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**24**	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**27**	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	33.7	0.0	0.0
1822	**28**	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822	**30**	0.0		0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0
1822	**31**	0.0		15.0		0.0		0.0	0.0		0.0		0.0
1823	**1**	0.0	0.0	0.0	27.6	0.0	0.0	0.0	12.2	0.0	0.0	45.3	0.0
1823	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.2	0.0	0.0
1823	**3**	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0
1823	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**7**	0.0	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	0.0
1823	**8**	0.0	39.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**10**	0.0	0.0	50.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**11**	0.0	0.0	0.0	30.5	0.0	16.9	0.0	0.0	0.0	0.0	0.0	0.0
1823	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.8	0.0	0.0
1823	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**14**	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.0	0.0
1823	**15**	0.0	0.0	0.0	0.0	43.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	0.0	0.0
1823	**18**	0.0	0.0	0.0	0.0	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0
1823	**19**	0.0	12.4	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**20**	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0
1823	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0
1823	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.5
1823	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**26**	0.0	0.0	0.0	0.0	0.0	24.1	0.0	0.0	0.0	0.0	0.0	0.0
1823	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**29**	47.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1823	**30**	0.0		0.0	0.0	48.3	0.0	0.0	0.0	3.6	0.0	0.0	0.0
1823	**31**	25.4		0.0		0.0		0.0	0.0		0.0		15.6

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1824	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	2	0.0	0.0	0.0	0.0	0.0	0.0	24.4	0.0	0.0	0.0	0.0	0.0
1824	3	0.0	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	4	0.0	0.0	0.0	0.0	0.0	34.4	0.0	0.0	0.0	50.8	0.0	0.0
1824	5	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.4	47.4	0.0	0.0
1824	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0
1824	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	14	0.0	0.0	48.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	15	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	16	0.0	0.0	0.0	0.0	0.0	28.8	0.0	0.0	0.0	51.7	0.0	0.0
1824	17	0.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.0
1824	18	0.0	0.0	0.0	0.0	0.0	32.3	0.0	0.0	0.0	0.0	0.0	0.0
1824	19	0.0	0.0	0.0	0.0	0.0	0.0	41.0	0.0	0.0	0.0	0.0	0.0
1824	20	0.0	35.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	24	0.0	0.0	0.0	21.4	0.0	0.0	0.0	48.9	37.0	0.0	0.0	0.0
1824	25	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0
1824	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	29	0.0	0.0	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1824	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1825	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	2	0.0	0.0	0.0	0.0	0.0	15.2	0.0	0.0			0.0	23.5
1825	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	4	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0			48.5	0.0
1825	5	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0			0.0	0.0
1825	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			5.1	0.0
1825	8	0.0	0.0	0.0	0.0	6.8	0.0	40.8	0.0			0.0	0.0
1825	9	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0			0.0	0.0
1825	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	48.5
1825	11	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0			0.0	0.0
1825	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	13	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0			0.0	36.7
1825	14	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0			0.0	0.0
1825	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	16	0.0	0.0	0.0	0.2	0.0	0.0	0.0	47.8			26.5	0.0
1825	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1			0.0	0.0
1825	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9			0.0	0.0
1825	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	21	0.0	0.0	0.0	0.0	0.0	13.7	0.0	0.0			0.0	0.0
1825	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	24	0.0	0.0	0.0	0.0	0.0	0.0	33.7	0.0			0.0	0.0
1825	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	27	0.0	0.0	0.0	5.1	16.9	0.0	0.0	0.0			0.0	0.0
1825	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	29	0.0		0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
1825	30	0.0		0.0	0.0	7.7	0.0	0.0	0.0			0.0	47.4
1825	31	0.0		0.0		0.0		0.0	0.0				0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1826	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	0.0	0.0	0.0
1826	**2**	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1826	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	49.8	10.2
1826	**4**	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	38.0	0.0	0.0
1826	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	47.4	0.0	0.0	0.0
1826	**6**	0.0	0.0	0.0	0.0	10.9	0.0	0.0	12.8	0.0	0.0	0.0	0.0
1826	**7**	0.0	0.0	0.0	0.0	0.0	42.1	18.2	19.7	0.0	50.4	7.7	0.0
1826	**8**	0.0	0.0	0.0	0.0	1.1	0.0	38.5	0.0	0.0	0.0	0.0	0.0
1826	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	2.3	0.0
1826	**10**	0.0	0.0	0.0	0.0	0.6	42.9	0.0	0.0	0.0	18.0	0.0	0.0
1826	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0
1826	**12**	0.0	0.0	0.0	0.0	0.0	0.0	33.8	0.0	0.0	0.0	0.0	0.0
1826	**13**	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0		0.0	0.0
1826	**14**	0.0	0.0	0.0	0.0	0.0	0.0	28.4	0.0	0.0		0.0	0.0
1826	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.5		0.0	4.5
1826	**16**	0.0	0.0	0.0	0.0	3.8	2.8	3.0	0.0	0.0	4.5	0.0	0.0
1826	**17**	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0		7.7	48.3	0.0
1826	**18**	0.0	48.3	0.0	0.0	0.0	0.0	0.0	0.0		7.3	0.0	0.0
1826	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
1826	**20**	0.0	0.0	11.7	0.0	14.1	0.0	0.0	0.0	7.7		0.0	0.0
1826	**21**	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0		46.1	0.0
1826	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
1826	**23**	0.0	0.0	0.0	0.0	0.0	5.8	5.1	0.0	0.0	0.0	0.0	0.0
1826	**24**	0.0	0.0	0.0	0.0	36.7	0.0	0.0	0.0		0.0	0.0	0.0
1826	**25**	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0		0.0	0.0	0.0
1826	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		19.2	11.3	0.0
1826	**27**	0.0	0.0	0.0	39.5	0.0	0.0	0.0	0.0		2.6	0.0	0.0
1826	**28**	0.0	0.0	0.0	7.9	12.4	0.0	0.0	0.0		0.0	0.0	0.0
1826	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0		0.0	54.5	0.0
1826	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0
1826	**31**	0.0		0.0		0.8		0.0	0.0		0.0		0.0
1827	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.2	23.9	6.2	0.0	0.0
1827	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	**4**	0.0	0.0	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	0.0	1.5	0.0	0.0
1827	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	**7**	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.0		0.0	0.0	22.2
1827	**8**	0.0	0.0	0.0	0.0	0.0	16.9	0.0	0.0		0.1	0.0	0.0
1827	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
1827	**10**	0.0	0.0	0.0	0.0	34.8	8.6	0.0	0.0		0.0	0.0	0.0
1827	**11**	0.0	0.0	0.0	0.0	48.3	0.0	0.0	0.0		0.0	0.0	0.0
1827	**12**	0.0	0.0	0.0	0.0	15.0	0.0	20.5	0.0		0.9	0.0	0.0
1827	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
1827	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	4.5
1827	**15**	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0
1827	**16**	0.0	0.0	0.0	0.0	0.0	21.4	0.0	22.9	0.0	14.7	0.0	0.0
1827	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	**18**	0.0	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0
1827	**19**	0.0	0.7	0.0	0.0	0.0	23.7	0.0	0.0	28.2	0.0	0.0	0.0
1827	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	**21**	0.0	0.0	0.0	0.0	0.0	21.1	0.0	0.0	39.9	16.4	0.0	0.0
1827	**22**	0.0	0.0	0.0	56.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0
1827	**24**	0.0	0.0	0.0	21.4	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0
1827	**25**	0.0	0.0	0.0	0.0	20.7	20.9	0.0	50.8	0.0	0.0	0.0	0.0
1827	**26**	0.0	0.0	0.0	0.0	0.0	35.5	0.0	0.0	0.0	0.0	0.0	0.0
1827	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0
1827	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	4.3	2.8	0.0	0.0
1827	**30**	3.8		0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0
1827	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1828	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.6	0.0	0.0	0.0
1828	3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0
1828	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	5	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
1828	6	0.0	0.0	0.0	0.0	45.9	0.0	0.0	0.0	6.6	36.7	0.0	0.0
1828	7	4.1	0.0	0.0	0.0	1.9	0.0	0.0	0.0	14.1	5.1	0.0	0.0
1828	8	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	20.1	0.0	0.0	0.0
1828	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8
1828	10	0.0	0.0	0.0	23.9	0.0	1.1	0.0	0.0	0.0	0.0	45.7	0.0
1828	11	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0
1828	12	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	13	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.3	0.0
1828	14	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0
1828	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.3	0.0
1828	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0
1828	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	20	0.0	0.0	0.0	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	22	0.0	0.0	0.0	8.5	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	23	0.0	25.2	0.0	0.0	0.0	0.0	0.0	20.3	0.0	0.0	0.0	0.0
1828	24	0.0	15.8	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	25	0.0	0.0	0.0	0.0	0.0	24.8	0.0	0.0	0.0	0.0	0.0	0.0
1828	26	0.0	0.0	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1828	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0
1828	28	0.0	0.0	5.1	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	5.5
1828	29	0.0	0.0	0.0	0.0	0.0	0.0	5.5	2.1	3.0	0.0	0.0	0.0
1828	30	0.0		8.8	0.0	0.0	4.5	4.9	0.0	0.0	0.0	0.0	0.0
1828	31	0.0		5.5		0.0		0.0	0.0		0.0		0.0
1829	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	2	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	4	0.0	0.0	0.0	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	5	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	6	0.0	0.0	19.2	0.0	0.0	0.0	0.0	30.6	0.0	0.0	0.0	0.0
1829	7	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
1829	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.3	0.0	0.0
1829	9	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	7.5	0.0
1829	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0
1829	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	12	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
1829	13	24.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0
1829	14	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0
1829	15	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2
1829	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	8.8	0.0	0.0
1829	17	0.0	0.0	0.0	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	18	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	24.4
1829	19	0.0	0.0	18.8	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
1829	20	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	13.0	0.0	0.0	19.9
1829	21	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
1829	22	0.0	0.0	0.0	0.0	17.1	0.0	0.0	0.0	18.4	0.0	0.0	0.0
1829	23	0.0	3.6	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0
1829	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	25	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	40.0	0.0
1829	26	21.1	0.0	0.0	0.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0
1829	27	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0	0.0	0.0
1829	28	13.9	0.0	0.0	22.2	0.0	9.4	4.5	0.0	0.0	31.6	0.0	0.0
1829	29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1829	30	0.0		29.7	0.0	0.0	8.1	0.0	0.0	19.0	0.0	0.0	0.0
1829	31	11.7		8.5		5.5		12.6	14.7		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1830	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**3**	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**5**	0.0	0.0	0.0	0.0	0.0	0.0	9.6	0.0	43.1	0.0	0.0	0.0
1830	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0
1830	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
1830	**9**	0.0	0.0	0.0	0.0	5.3	22.6	0.0	10.3	0.0	0.0	0.0	0.0
1830	**10**	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0	0.0	0.0
1830	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**14**	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	42.9	0.0	0.0	48.7
1830	**15**	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	7.5	14.7	0.0
1830	**16**	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**17**	0.0	0.0	0.0	0.0	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**18**	0.0	0.0	0.0	0.0	0.0	37.2	0.0	25.0	0.0	0.0	0.0	0.0
1830	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	24.3	4.3
1830	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4	0.0	0.0	0.0
1830	**24**	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0
1830	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0
1830	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5
1830	**27**	0.0	0.0	0.0	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1830	**30**	0.0		0.0	0.0	24.1	0.0	0.0	0.0	15.6	0.0	0.0	0.0
1830	**31**	0.0		0.0		0.0		0.0	0.0		18.4		0.0
1831	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0
1831	**2**	49.4	0.0	0.0	2.3	0.0	2.4	0.0	0.0	16.4	0.0	0.0	0.0
1831	**3**	4.3	0.0	0.0	0.0	0.0	22.0	0.0	0.0	0.0	18.2	0.0	0.0
1831	**4**	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**5**	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0
1831	**6**	0.0	12.2	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0
1831	**7**	0.0	0.0	0.0	0.0	0.0	34.2	0.0	16.5	0.0	0.0	0.0	0.0
1831	**8**	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	0.0	0.0	0.0	0.0
1831	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.6	10.2	0.0
1831	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**13**	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	0.0	0.0
1831	**14**	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0
1831	**15**	0.0	0.0	4.5	0.0	19.2	0.0	3.4	13.9	0.0	0.0	0.0	5.5
1831	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**18**	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	6.0	0.0	6.2	0.0
1831	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.1	0.0	0.0	0.0	0.0
1831	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**21**	0.0	0.0	0.0	40.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**22**	9.8	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831	**23**	0.0	0.0	0.0	24.1	26.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0
1831	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9
1831	**25**	0.0	0.0	0.0	0.0	7.5	0.0	15.8	0.0	0.0	0.0	0.0	0.0
1831	**26**	0.0	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0
1831	**27**	7.9	0.0	0.0	0.0	0.0	5.5	9.2	0.0	0.0	0.0	0.0	0.0
1831	**28**	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	54.7	0.0	0.0	0.0
1831	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	27.3	0.0	3.2	0.0
1831	**30**	0.0		0.0	24.8	0.0	19.6	5.6	0.0	0.0	0.0	0.0	0.0
1831	**31**	0.0		6.0		4.9		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1832	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	3	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	5	0.0	43.6	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0
1832	8	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0
1832	9	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	10	0.0	0.0	37.8	0.0	0.0	0.0	0.0	0.0	38.4	31.4	0.0	0.0
1832	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.4	0.0
1832	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0
1832	13	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	15	7.1	0.0	0.0	9.2	9.2	19.7	0.0	0.0	0.0	0.0	0.0	0.0
1832	16	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
1832	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	18	0.0	5.3	0.0	0.0	29.1	0.0	0.0	1.9	0.0	0.0	0.0	0.0
1832	19	0.0	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0
1832	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	22	0.0	0.0	0.0	26.1	0.0	16.5	0.0	0.0	0.0	0.0	0.0	0.0
1832	23	0.0	0.0	0.0	0.0	0.0	7.9	3.6	0.0	0.0	0.0	0.0	0.0
1832	24	0.0	0.0	0.0	7.1	24.8	0.0	4.9	0.0	0.0	0.0	0.0	0.0
1832	25	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0
1832	26	0.0	0.0	30.5	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0
1832	27	0.0	0.0	0.0	0.0	0.0	5.5	0.0	8.1	0.0	0.0	0.0	0.0
1832	28	12.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1832	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0
1832	30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.5	0.0
1832	31	0.0		16.5		0.0		0.0	0.0		0.0		4.1
1833	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833	2	0.0	0.0	9.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833	3	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
1833	4	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0
1833	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.3	0.0	0.0	0.0
1833	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.5	10.2	0.0	0.0	0.0
1833	8	0.0	0.0	0.0	0.0	0.0	0.0	44.6	12.8	0.0	0.0	0.0	0.0
1833	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	28.8	0.0
1833	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0
1833	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0
1833	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0
1833	13	0.0	0.0	0.0	0.0	0.0	7.5	38.5	0.0	0.0	0.0	0.0	0.0
1833	14	0.0	0.0	0.0	0.0	0.0	0.0	41.9	0.0	0.0	0.0	0.0	0.0
1833	15	0.0	0.0	53.4	48.1	0.0	44.6	31.8	0.0	0.0	0.0	0.0	0.0
1833	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.1	0.0	19.0	0.0
1833	18	0.0	0.0	0.0	40.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833	19	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0
1833	20	0.0	0.0	0.0	17.1	0.0	0.0	0.0	0.0	27.8	0.0	0.0	0.0
1833	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	0.0	0.0
1833	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
1833	23	0.0	0.0	0.0	0.0	12.8	0.0	16.7	0.0	0.0	0.0	0.0	0.0
1833	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0
1833	25	0.0	0.0	0.0	0.0	0.0	14.3	10.9	10.5	0.0	0.0	0.0	0.0
1833	26	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833	27	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833	28	0.0	16.4	0.0	0.0	0.0	16.5	0.0	0.0	0.8	0.0	0.0	0.0
1833	29	0.0		0.0	0.0	0.0	0.0	19.7	0.0	0.6	0.0	0.0	0.0
1833	30	0.0		0.0	41.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833	31	2.8		5.5		0.0		47.4	13.2		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1834	**1**	0.0	0.0	0.0	13.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**3**	0.0	0.0	0.0	0.0	0.0	0.0	4.9	17.7	0.0	0.0	0.0	0.0
1834	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**6**	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0
1834	**8**	0.0	0.0	0.0	0.0	0.0	31.2	0.0	0.0	0.0	0.0	0.0	0.0
1834	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	0.0	0.0	0.0	0.0
1834	**10**	49.8	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0
1834	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**13**	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0
1834	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	3.6	0.0	0.0	0.0
1834	**16**	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	2.8	0.0	0.0
1834	**17**	0.0	40.4	0.0	0.0	12.6	0.0	0.0	0.0	0.0	9.4	0.0	0.0
1834	**18**	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	7.3	9.8	0.0
1834	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**21**	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0
1834	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**24**	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	25.9	0.0
1834	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**26**	0.0	0.0	3.4	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0
1834	**27**	0.0	0.0	0.0	0.0	8.8	0.0	5.1	35.7	0.0	0.0	0.0	0.0
1834	**28**	0.0	0.0	0.0	0.0	0.0	22.7	7.5	0.0	0.0	0.0	0.0	0.0
1834	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1834	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0
1834	**31**	9.2		0.0		42.1		0.0	0.0		0.0		0.0
1835	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0
1835	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.1	0.0	0.0	5.5	0.0
1835	**3**	0.0	0.0	0.0	0.0	17.7	0.0	0.0	51.9	0.0	0.0	0.0	0.0
1835	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.0	0.0
1835	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1835	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0
1835	**7**	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1835	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1835	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0
1835	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.4	0.0	0.0	0.0
1835	**11**	0.0	0.0	13.9	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0
1835	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0
1835	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1835	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0
1835	**15**	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	15.4	0.0
1835	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1835	**17**	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	11.1	0.0
1835	**18**	0.0	19.4	0.0	0.0	0.0	0.0	0.0	0.0	50.4	0.0	0.0	0.0
1835	**19**	0.0	0.0	0.0	41.9	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
1835	**20**	0.0	0.0	0.0	0.0	0.0	12.8	0.0	18.0	0.0	0.0	0.0	4.7
1835	**21**	11.1	0.0	27.8	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0
1835	**22**	4.1	16.2	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0
1835	**23**	0.0	0.0	18.0	0.0	26.3	0.0	0.0	24.6	0.0	0.0	0.0	0.0
1835	**24**	0.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1835	**25**	0.0	0.0	0.0	0.0	0.0	0.0	2.1	48.9	0.0	0.0	0.0	0.0
1835	**26**	0.0	0.0	0.0	0.0	0.0	3.9	0.0	23.7	0.0	0.0	0.0	0.0
1835	**27**	0.0	0.0	0.0	6.4	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0
1835	**28**	0.0	7.9	0.0	0.0	0.0	0.0	0.0	6.4	0.0	53.0	0.0	0.0
1835	**29**	0.0		0.0	26.9	0.0	0.0	0.0	12.2	0.0	7.9	0.0	0.0
1835	**30**	0.0		0.0	28.0	0.0	8.8	0.0	6.0	12.6	0.0	21.1	0.0
1835	**31**	0.0		0.0		16.2		0.0	0.8		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1836	1	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1836	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.3	0.0	0.0
1836	3	0.0	0.0	0.0	26.1	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1836	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1836	5	0.0	35.2	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
1836	6	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
1836	7	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0
1836	8	0.0	0.0	26.7	0.0	0.0	0.0	7.1	3.4	2.8	0.0	0.0	0.0
1836	9	0.0	0.0	6.0	0.0	0.0	0.0	10.2	0.0	17.3	0.0	0.0	0.0
1836	10	0.0	0.0	0.0	48.5	0.0	11.3	0.0	0.0	0.0	11.8	0.0	0.0
1836	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0
1836	12	0.0	0.0	0.0	26.7	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0
1836	13	0.0	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	5.5	3.4	0.0
1836	14	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	12.2	0.0	0.0	0.0
1836	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	0.0	3.6
1836	16	0.0	0.0	0.0	0.0	0.0	0.0	6.4	6.0	0.0	0.0	0.0	0.0
1836	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	29.5	0.0
1836	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1836	19	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	16.7	0.0	0.0	0.0
1836	20	0.0	15.8	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0
1836	21	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0
1836	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1836	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1836	24	0.0	0.0	0.0	0.0	68.1	0.0	25.9	0.0	0.0	0.0	0.0	0.0
1836	25	0.0	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1836	26	0.0	15.8	0.0	0.0	21.6	0.0	3.2	0.0	0.0	0.0	0.0	0.0
1836	27	0.0	44.2	10.5	0.0	43.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0
1836	28	0.0	25.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1836	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.5	0.0	4.3
1836	30	0.0		0.0	50.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.0
1836	31	0.0		0.0		31.8		0.0	0.0		0.0		0.0
1837	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	2	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0
1837	3	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
1837	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0
1837	6	0.0	0.0	0.0	0.0	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	7	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0
1837	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.7
1837	9	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	16.4	0.0
1837	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	11	0.0	0.0	0.0	53.4	18.6	0.0	0.0	0.0	0.0	3.6	0.0	15.8
1837	12	0.0	0.0	0.0	0.0	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	14	0.0	0.0	0.0	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	15	4.9	14.9	45.5	0.0	68.8	0.0	42.1	0.0	20.5	0.0	0.0	0.0
1837	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	17	0.0	0.0	0.0	39.7	2.4	0.0	22.9	0.0	0.0	0.0	49.3	0.0
1837	18	0.0	0.0	0.0	18.2	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0
1837	19	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	20	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	21	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	22	0.0	0.0	0.0	0.0	25.4	0.0	6.0	0.0	0.0	0.0	0.0	0.0
1837	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
1837	24	0.0	0.0	0.0	0.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	25	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1837	26	0.0	0.0	0.0	0.0	0.0	16.0	14.3	0.0	0.0	0.0	0.0	0.0
1837	27	0.0	16.4	32.7	0.0	0.0	0.0	0.0	0.0	0.0	29.5	0.0	0.0
1837	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0
1837	29	36.8		0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0
1837	30	0.0		0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0
1837	31	0.0		3.9		0.0		0.0	7.0		7.9		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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year	day	1	2	3	4	5	6	7	8	9	10	11	12
1838	1	0.0	6.0	0.0	0.0								
1838	2	0.0	0.0	0.0	0.0								
1838	3	0.0	0.0	21.2	0.0								
1838	4	0.0	0.0	0.0	0.0								
1838	5	0.0	4.5	0.0	0.0								
1838	6	0.0	0.0	2.3	0.0								
1838	7	0.0	0.0	0.0	0.0								
1838	8	16.7	0.0	0.0	0.0								
1838	9	0.0	0.0	0.0	0.0								
1838	10	0.0	0.0	0.0	29.3								
1838	11	0.0	27.3	4.7	0.0								
1838	12	0.0	0.0	0.0	0.0								
1838	13	0.0	0.0	0.0	0.0								
1838	14	0.0	0.0	0.0	0.0								
1838	15	0.0	0.0	0.0	6.6								
1838	16	0.0	0.0	0.0	0.0								
1838	17	0.0	29.1	0.0	0.0								
1838	18	0.0	0.0	0.0	23.5								
1838	19	0.0	0.0	0.0	0.0								
1838	20	0.0	0.0	0.0	0.0								
1838	21	0.0	0.0	0.0	0.0								
1838	22	0.0	0.0	0.0	0.0								
1838	23	0.0	0.0	25.9	20.5								
1838	24	0.0	0.0	0.0	0.0								
1838	25	0.0	37.4	0.0	0.0								
1838	26	6.6	16.9	0.0	22.7								
1838	27	0.0	3.6	0.0	0.0								
1838	28	0.0	0.0	0.0	5.5								
1838	29	0.0		0.0	0.0								
1838	30	0.0		0.0	0.0								
1838	31	14.1		0.0									
1839	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	11.6
1839	3	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	17.7	19.2
1839	4	0.0	0.0	0.0	11.3	0.0	0.0	16.3	0.0	0.0	0.0	0.0	0.0
1839	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	18.9	0.0	0.0
1839	6	0.0	0.0	0.0	0.0	13.6	0.0	0.0	1.8	0.0	0.0	17.9	0.0
1839	7	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0
1839	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2	39.9
1839	9	6.3	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0
1839	10	0.0	0.0	30.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839	11	0.0	0.0	0.0	0.0	19.6	0.0	0.0	0.0	0.0	0.0	0.0	19.5
1839	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
1839	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0
1839	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	0.0
1839	16	0.0	0.0	0.0	0.0	8.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0
1839	17	0.0	0.0	42.7	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839	18	0.0	0.0	0.0	16.5	0.0	0.0	0.0	0.0	17.2	9.5	0.0	0.0
1839	19	0.0	3.6	0.0	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839	21	0.0	5.7	0.0	4.1	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0
1839	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.4	0.0	0.0	0.0	0.0
1839	23	0.0	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	0.0	0.0
1839	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0
1839	26	0.0	6.3	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	7.1
1839	27	0.0	0.0	0.0	30.3	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0
1839	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839	29	0.0		4.8	0.0	0.0	8.4	0.0	0.0	0.0	0.0	27.4	0.0
1839	30	0.0		0.0	6.5	0.0	0.0	0.0	0.0	39.8	39.8	7.3	0.0
1839	31	9.7		0.0		0.0		0.0	6.9		18.1		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1840	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.0	0.0	0.0	0.0
1840	**4**	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
1840	**5**	0.0	26.7	0.0	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0
1840	**6**	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	33.4	0.0	0.0
1840	**7**	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0
1840	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**9**	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
1840	**10**	0.0	0.0	0.0	39.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**11**	0.0	0.0	0.0	0.0	38.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**13**	0.0	0.0	0.0	0.0	0.0	0.0	26.9	17.4	0.0	0.0	0.0	0.0
1840	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**15**	0.0	0.0	0.0	0.0	20.8	0.0	0.0	0.0	0.0	0.0	37.5	0.0
1840	**16**	0.0	0.0	0.0	0.0	10.5	0.0	13.2	28.6	0.0	0.0	0.0	0.0
1840	**17**	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**18**	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**20**	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	21.6
1840	**21**	0.0	0.0	0.0	0.0	23.7	0.0	0.0	0.0	39.7	0.0	0.0	0.0
1840	**22**	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0
1840	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0
1840	**24**	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	4.9	0.0	3.5	0.0
1840	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**26**	5.9	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	0.0
1840	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.3	0.0	0.0	0.0
1840	**28**	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.9	0.0	0.0
1840	**29**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1840	**30**	0.0		0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
1840	**31**	0.0		0.0		9.3		0.0	1.6		14.0		0.0
1841	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**2**	0.0	0.0	0.0	0.0	6.5	0.0	0.0	5.4	0.0	0.0	0.0	0.0
1841	**3**	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	14.6
1841	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0
1841	**6**	0.0	0.0	0.0	25.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**7**	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	24.1	0.0	0.0
1841	**8**	34.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.3	0.0	0.0
1841	**9**	0.0	31.8	0.0	0.0	0.0	39.6	0.0	0.0	0.0	0.0	0.0	0.0
1841	**10**	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**12**	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**13**	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**14**	0.0	0.0	0.0	0.0	0.0	31.3	0.0	0.0	0.0	0.0	0.0	0.0
1841	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0
1841	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.8	0.0	0.0	40.0
1841	**19**	0.0	30.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**20**	0.0	0.0	0.0	0.0	0.0	39.4	0.0	0.0	0.0	0.0	0.0	15.0
1841	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**22**	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**23**	0.0	0.0	0.0	0.0	8.4	0.0	6.4	0.0	11.1	0.0	0.0	6.0
1841	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0
1841	**25**	0.0	0.0	13.7	0.0	0.0	10.5	2.8	35.4	8.4	0.0	0.0	0.0
1841	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0
1841	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0
1841	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	13.2
1841	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	0.0
1841	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841	**31**	0.0		15.1		4.2		0.0	0.0		0.0		11.6

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1842	1	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
1842	2	0.0	0.0	0.0	0.0	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	4	0.0	0.0	0.0	13.6	3.8	2.4	0.0	0.0	0.0	11.6	0.0	0.0
1842	5	0.0	0.0	0.0	6.2	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	6	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	7	0.0	0.0	0.0	0.0	0.0	2.7	1.0	0.0	0.0	0.0	0.0	0.0
1842	8	0.0	0.0	0.0	10.3	0.5	0.0	0.0	2.4	0.0	0.0	0.0	0.0
1842	9	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	7.3	0.0
1842	10	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	11	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	17.3	0.0	8.1	0.0
1842	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	14	0.0	0.0	0.0	0.0	27.6	0.0	2.7	0.0	16.2	0.0	0.0	0.0
1842	15	0.0	0.0	0.0	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	16	0.0	0.0	0.0	0.0	22.9	3.1	0.0	0.0	14.1	0.0	0.0	0.0
1842	17	0.0	0.0	0.0	8.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1842	18	0.0	0.0	0.0	4.6	0.0	39.1	0.0	0.0	0.0	0.0	20.8	0.0
1842	19	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842	20	0.0	0.0	0.0	0.0	1.7	0.8	0.0	0.0	5.4	11.9	0.0	0.0
1842	21	0.0	0.0	0.0	0.0	5.5	16.2	0.0	0.0	0.0	0.0	0.0	0.0
1842	22	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	31.9	0.0	0.0	0.0
1842	23	0.0	0.0	0.0	0.0	3.5	18.1	0.0	0.0	33.2	5.9	0.0	2.2
1842	24	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	12.2	5.1	0.0	0.0
1842	25	0.0	33.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0
1842	26	0.0	9.2	0.0	0.0	0.8	0.0	2.7	5.1	24.3	0.0	0.6	0.0
1842	27	0.0	0.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0
1842	28	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	2.4	4.3	0.0	1.7
1842	29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	4.4	0.0
1842	30	0.0		0.0	0.0	1.1	0.0	5.4	0.0	0.0	15.1	0.0	0.0
1842	31	0.0		0.0		0.0		15.7	0.0		0.0		0.0
1843	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	3	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
1843	4	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	5	0.0	23.2	0.0	0.0	7.0	0.0	0.0	6.9	0.0	0.0	8.1	0.0
1843	6	0.0	0.9	0.0	22.2	7.2	13.5	0.0	10.4	0.0	0.0	0.0	0.0
1843	7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	8	0.0	0.0	0.0	0.0	32.4	17.8	0.0	0.0	0.0	0.0	0.0	0.0
1843	9	0.0	4.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	12.7	0.0
1843	10	3.4	0.0	0.0	0.0	0.0	5.1	28.4	0.0	0.0	0.5	16.2	0.0
1843	11	0.0	0.0	0.0	23.5	10.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0
1843	12	0.0	0.0	0.0	0.8	6.6	11.5	0.0	0.0	0.0	0.0	0.0	0.0
1843	13	6.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	14	4.9	0.0	0.0	0.4	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0
1843	15	7.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0
1843	16	31.6	27.0	0.6	0.0	9.7	0.7	13.5	0.0	0.0	0.0	0.0	0.0
1843	17	1.7	0.0	0.0	0.0	0.0	1.8	0.0	3.2	0.0	0.0	5.4	0.0
1843	18	0.0	0.0	0.0	0.0	19.5	0.0	0.0	0.9	0.0	7.8	0.0	0.0
1843	19	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0
1843	20	1.3	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	21	0.0	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	22	0.0	0.0	0.0	5.6	5.4	0.0	0.0	2.3	0.0	0.0	0.0	0.0
1843	23	21.9	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	24	1.3	2.4	4.3	37.1	0.0	4.0	1.8	19.5	0.0	0.0	0.0	0.0
1843	25	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
1843	26	0.0	8.3	30.8	7.3	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843	27	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0
1843	28	0.0	20.3	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0
1843	29	0.0		0.0	0.0	0.8	0.0	0.0	0.0	21.1	0.0	0.0	0.0
1843	30	0.0		0.0	0.0	10.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0
1843	31	0.0		0.0		0.0		0.0	0.7		3.3		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1844	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844	2	12.1	0.0	0.0	0.0	0.0	23.0	0.0	2.9	0.0	0.0	0.0	0.0
1844	3	3.3	0.0	0.0	0.0	0.0	37.8	12.7	0.0	6.5	0.0	43.2	0.0
1844	4	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	6.8	0.0
1844	5	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	16.7	0.0	0.0	0.0
1844	6	0.0	0.0	5.5	2.2	0.0	0.0	2.4	0.0	0.0	0.0	15.4	0.0
1844	7	15.4	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	6.8	10.2	0.0
1844	8	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844	9	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	19.7	38.2	0.0
1844	10	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0
1844	11	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	22.2	0.0	0.0
1844	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	1.6	1.9	0.0	0.0
1844	13	0.0	39.3	0.0	0.0	0.0	3.8	0.0	2.7	0.0	0.0	0.0	0.0
1844	14	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	28.3	0.0	0.0	0.0
1844	15	0.0	9.6	0.0	0.0	30.2	0.0	0.0	3.5	0.0	0.0	0.0	14.8
1844	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0
1844	17	6.7	0.0	0.0	0.0	0.0	17.3	28.3	0.0	0.0	0.0	0.0	0.0
1844	18	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	20.0
1844	19	0.0	0.0	3.8	0.0	8.6	0.0	0.0	1.1	0.0	0.0	0.0	0.0
1844	20	0.0	0.0	0.0	0.0	6.5	6.5	24.3	0.0	0.0	9.0	0.0	1.9
1844	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844	22	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844	23	0.0	0.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	21.6	0.0	0.0
1844	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	27.0	0.0	0.0
1844	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	6.7	3.2	0.0
1844	26	0.0	0.0	0.0	0.0	29.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844	27	0.0	3.1	0.0	0.0	41.6	0.0	0.8	0.0	0.0	2.9	0.0	0.0
1844	28	0.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844	29	0.0	21.6	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844	30	0.0		8.1	0.0	0.0	0.0	0.0	0.0	30.5	0.0	12.5	0.0
1844	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1845	1	4.1	10.0	0.0	0.0	8.1	0.0	1.4	0.0	0.0	0.0	0.0	0.0
1845	2	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1845	3	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0
1845	4	15.4	0.0	19.7	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	17.8
1845	5	13.5	0.0	7.8	0.0	3.2	5.9	0.0	3.2	6.5	0.0	0.0	0.0
1845	6	0.0	0.0	0.0	0.0	31.3	0.0	0.0	7.0	0.0	0.0	0.0	0.0
1845	7	0.0	0.0	0.0	13.0	0.0	0.0	0.0	16.8	0.0	17.8	2.2	0.0
1845	8	0.0	0.0	8.1	0.0	0.0	0.0	0.0	22.4	0.0	0.0	39.4	5.9
1845	9	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.0	0.0	0.0	0.0	8.8
1845	10	0.0	0.0	13.5	3.5	0.0	0.0	0.0	0.0	0.0	17.3	11.1	0.0
1845	11	0.0	0.0	15.4	22.2	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0
1845	12	9.7	0.0	0.0	4.1	5.4	0.0	0.0	0.0	1.6	19.4	3.7	0.0
1845	13	0.0	0.0	0.0	0.0	0.0	0.0	12.2	4.9	2.2	0.0	0.0	0.0
1845	14	0.0	0.0	13.2	0.0	0.0	0.0	0.0	3.2	10.3	0.0	2.4	0.0
1845	15	0.0	0.0	7.3	38.9	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
1845	16	0.0	0.0	0.0	6.5	0.0	25.9	20.8	4.9	0.0	0.0	6.5	0.0
1845	17	6.2	0.0	0.0	0.0	10.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0
1845	18	0.0	0.0	8.4	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0
1845	19	0.0	0.0	17.0	2.2	27.6	26.2	0.0	0.0	0.0	0.0	10.8	0.0
1845	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	4.9
1845	21	48.1	0.0	20.2	0.0	29.7	0.0	24.3	0.0	10.8	0.0	0.0	3.2
1845	22	7.6	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1845	23	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	25.1	0.0
1845	24	0.0	40.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	1.1	11.4
1845	25	0.0	8.7	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1845	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1845	27	0.0	0.0	0.0	0.0	34.6	2.2	0.0	0.0	43.2	0.0	0.0	0.0
1845	28	0.0	0.0	0.0	15.7	0.0	0.0	3.5	25.4	0.0	0.0	0.0	0.0
1845	29	0.0		0.0	0.0	0.0	0.0	0.0	63.0	0.0	0.0	0.0	0.0
1845	30	0.0		0.0	0.0	0.0	9.0	0.0	23.2	0.0	0.0	0.0	0.0
1845	31	10.0		0.0		0.0		0.0	2.3		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1846	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1846	**2**	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0
1846	**3**	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	25.4	0.0	10.5
1846	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
1846	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	11.4
1846	**6**	0.0	0.0	0.0	1.4	0.0	1.6	0.0	0.0	0.0	2.6	0.0	0.0
1846	**7**	0.0	0.0	13.5	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	11.8
1846	**8**	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3
1846	**9**	0.0	0.0	8.9	15.7	0.0	0.0	0.0	0.0	0.0	9.7	0.0	9.0
1846	**10**	0.0	0.0	0.0	0.0	0.0	8.1	0.0	6.8	0.0	0.0	0.0	0.0
1846	**11**	0.0	0.0	0.0	0.0	0.0	1.9	0.0	4.9	0.0	0.0	18.7	0.0
1846	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.7
1846	**13**	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	2.4	14.3	0.0	1.0
1846	**14**	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0
1846	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	1.9	0.0	0.0
1846	**16**	0.0	0.0	0.0	17.8	7.6	0.0	25.9	0.0	0.0	0.0	0.0	0.0
1846	**17**	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1846	**18**	0.0	0.0	0.0	0.0	4.9	0.0	18.7	2.2	0.0	0.0	0.0	0.0
1846	**19**	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0
1846	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.9	0.0	0.0	0.0	0.0
1846	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	22.4	0.0	0.0
1846	**22**	0.0	0.0	5.4	0.0	0.0	27.0	0.0	29.7	0.0	7.3	16.9	0.0
1846	**23**	0.0	0.0	0.0	30.5	0.0	0.0	0.0	12.2	3.0	12.7	0.0	7.9
1846	**24**	14.5	0.0	3.2	0.0	0.0	2.7	0.0	0.0	0.0	16.8	0.0	0.0
1846	**25**	0.0	0.0	0.0	0.0	23.8	2.2	0.0	0.0	0.0	18.6	0.0	0.0
1846	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	10.3	0.0	0.0
1846	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0	7.0
1846	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0
1846	**29**	0.0		0.0	1.1	3.5	0.0	0.0	0.0	7.0	10.5	8.1	0.0
1846	**30**	1.1		0.0	0.0	0.0	0.0	0.0	40.5	36.5	39.4	10.0	0.0
1846	**31**	0.0		0.0		0.0		0.0	6.5		36.7		0.0
1847	**1**	0.0	11.4	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0
1847	**2**	0.0	2.7	0.0	7.5	0.0	3.8	16.2	0.0	8.9	0.0	0.0	0.0
1847	**3**	0.0	0.0	0.0	0.0	7.0	9.3	3.8	0.0	0.0	0.0	0.0	0.0
1847	**4**	16.8	0.0	0.0	4.1	0.0	1.6	0.0	22.2	0.0	0.0	0.0	0.0
1847	**5**	0.0	0.0	0.0	0.0	12.4	1.4	0.0	0.0	3.8	9.7	0.0	0.0
1847	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3	14.6	0.0	0.0	4.3
1847	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	9.5	0.0	0.0	15.1
1847	**8**	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	9.5	0.0	0.0
1847	**9**	0.0	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0
1847	**10**	0.0	5.7	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0
1847	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1847	**12**	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0
1847	**13**	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1847	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1847	**15**	0.0	0.0	0.0	15.9	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0
1847	**16**	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0
1847	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1847	**18**	0.0	0.0	0.0	0.0	0.0	23.4	0.0	0.0	0.0	0.0	17.5	0.0
1847	**19**	0.0	0.0	0.0	0.0	0.0	15.7	0.0	0.0	11.4	19.2	0.0	0.0
1847	**20**	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0
1847	**21**	0.0	0.0	0.0	1.5	0.0	0.0	4.9	0.0	0.0	22.2	36.7	0.0
1847	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0	0.0
1847	**23**	0.0	0.0	0.0	1.4	0.0	0.0	0.0	6.8	0.0	0.0	0.0	26.8
1847	**24**	0.0	0.0	0.0	0.0	0.0	9.3	0.0	5.4	0.0	1.9	0.0	3.0
1847	**25**	0.0	0.0	0.0	0.0	0.0	0.0	8.3	5.7	0.0	0.0	0.0	0.0
1847	**26**	15.7	0.0	0.0	7.8	0.0	1.9	29.6	7.0	0.0	0.0	0.0	0.0
1847	**27**	0.0	0.0	0.0	5.9	2.4	0.0	0.0	0.0	1.9	0.0	0.0	37.0
1847	**28**	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0
1847	**29**	3.0		0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0
1847	**30**	0.0		0.0	1.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	19.8
1847	**31**	8.9		0.0		6.8		0.0	0.0		0.0		5.9

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1848	1	5.9	21.6	0.0	0.0	0.0	24.0	0.0	0.0	0.0	0.0	2.4	0.0
1848	2	0.0	0.0	8.9	0.0	1.4	9.3	4.2	0.0	0.0	23.2	4.9	0.0
1848	3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1848	4	0.0	0.0	0.0	3.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1848	5	0.0	0.0	0.0	0.0	3.2	4.6	0.0	1.1	0.0	0.0	20.5	0.0
1848	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0
1848	7	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1848	8	0.0	0.0	0.0	9.5	3.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0
1848	9	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	4.6	0.0	0.0
1848	10	0.0	0.0	0.0	0.0	0.0	7.1	10.5	0.0	0.0	0.0	18.1	0.0
1848	11	0.0	30.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0
1848	12	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	6.2	0.0	11.0	0.0
1848	13	0.0	0.0	4.9	0.0	0.0	2.3	10.0	0.0	0.0	0.0	0.0	0.0
1848	14	0.0	0.0	36.2	0.0	0.0	0.0	0.0	5.8	0.0	7.1	0.0	0.0
1848	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0
1848	16	0.0	0.0	2.2	0.0	0.0	0.0	0.0	3.4	0.0	23.1	0.0	0.0
1848	17	0.0	0.0	8.4	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0
1848	18	0.0	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0	19.2	0.0	0.0
1848	19	0.0	0.0	5.9	0.0	60.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1848	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	14.3	0.0	0.0
1848	21	0.0	20.3	8.6	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1848	22	0.0	4.1	0.0	16.2	0.0	0.0	0.0	0.0	0.0	25.5	0.0	0.0
1848	23	9.5	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	12.7	0.0	0.0
1848	24	6.5	0.0	0.0	0.0	5.4	0.0	0.0	0.0	4.1	0.0	18.9	0.0
1848	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0
1848	26	0.0	5.1	0.0	5.9	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0
1848	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.2	0.0	0.0	0.0
1848	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0
1848	29	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	2.3	5.7	0.0	0.0
1848	30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1848	31	0.0		0.0		0.0		39.4	0.0		10.1		0.0
1849	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
1849	2	0.0	0.0	0.0	0.0	1.2	0.0	1.9	0.0	0.0	0.0	0.0	0.0
1849	3	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1849	4	0.0	0.0	0.0	24.8	1.4	0.0	0.0	0.0	0.0	0.0	4.2	0.0
1849	5	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
1849	6	0.0	0.0	0.0	0.0	1.8	0.0	8.8	0.0	28.4	6.0	6.5	0.0
1849	7	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	4.2
1849	8	0.0	0.0	0.0	0.0	13.1	20.9	0.0	0.0	0.0	12.3	0.0	0.0
1849	9	2.3	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
1849	10	0.0	0.0	1.2	20.8	0.0	8.9	0.0	0.0	9.9	0.0	0.0	34.2
1849	11	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	3.5	17.0	0.0	0.0
1849	12	0.0	0.0	0.0	5.1	5.4	0.0	5.1	0.0	0.0	0.0	0.0	0.0
1849	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	5.6	0.0	31.1
1849	14	0.0	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1849	15	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	29.7	0.0	0.0
1849	16	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0
1849	17	0.0	0.0	0.0	1.6	0.0	4.1	5.8	0.0	0.0	0.0	0.0	0.0
1849	18	0.0	0.0	0.0	0.0	4.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
1849	19	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1849	20	0.0	0.0	0.0	0.0	0.0	0.0	1.6	10.5	0.0	0.0	0.0	0.0
1849	21	4.4	0.0	0.0	10.9	0.0	0.0	0.0	2.7	3.0	0.0	0.0	0.0
1849	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
1849	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1849	24	0.0	0.0	13.2	0.0	10.8	0.0	0.0	0.0	2.4	0.0	17.4	0.0
1849	25	0.0	0.0	2.9	16.4	0.0	24.3	0.0	6.2	0.0	0.0	0.0	0.0
1849	26	0.0	0.0	15.5	0.0	5.1	0.0	5.2	0.0	0.0	0.0	33.4	0.0
1849	27	0.0	1.4	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1849	28	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0
1849	29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1849	30	0.0		5.4	0.0	0.0	15.6	0.0	7.8	0.0	0.0	0.0	0.0
1849	31	0.0		10.9		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1850	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1850	2	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0
1850	3	0.0	0.0	0.0	11.4	8.1	11.9	1.3	0.0	0.0	15.4	0.0	0.0
1850	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0
1850	5	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
1850	6	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.3	0.0	0.0
1850	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	0.0	0.0
1850	8	0.0	0.0	0.0	1.6	0.0	0.0	6.1	0.0	0.7	0.0	0.0	0.0
1850	9	15.9	0.0	0.0	0.0	13.2	0.0	9.5	0.0	1.6	0.0	0.0	0.0
1850	10	0.0	0.0	0.0	30.6	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0
1850	11	0.0	0.0	0.0	6.3	11.2	0.0	16.5	0.8	0.0	2.4	0.0	0.0
1850	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.5	0.0	0.0
1850	13	0.0	4.9	0.0	0.0	0.0	2.3	3.5	0.0	0.0	0.0	3.1	0.0
1850	14	0.0	0.0	0.0	0.0	0.0	1.1	0.0	21.7	0.0	0.0	0.0	0.0
1850	15	0.0	0.0	0.0	4.0	4.2	0.0	0.0	4.5	0.0	0.0	1.5	1.1
1850	16	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1850	17	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1850	18	4.4	0.0	3.5	0.0	10.2	0.0	3.8	0.0	0.0	0.0	0.0	0.0
1850	19	0.0	0.0	0.0	21.8	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
1850	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1850	21	0.0	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0	2.5	39.9
1850	22	0.0	0.0	0.0	40.0	0.0	9.5	0.0	0.0	8.4	0.0	0.0	0.0
1850	23	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	37.3	0.0	0.0
1850	24	0.0	0.0	0.0	7.6	10.8	0.0	0.0	0.0	0.0	17.6	0.0	1.8
1850	25	0.0	0.0	9.7	16.2	0.0	0.0	0.0	0.0	18.7	0.0	0.0	0.0
1850	26	0.0	0.0	0.0	4.0	0.0	1.1	0.0	7.4	0.0	0.0	0.0	0.0
1850	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1850	28	0.0	0.0	5.7	0.0	0.0	9.6	23.0	0.0	0.0	0.0	0.0	0.0
1850	29	0.0		0.0	13.0	0.0	0.0	3.2	0.0	0.0	0.0	28.4	0.0
1850	30	0.0		0.0	39.6	9.7	0.0	0.0	0.0	0.0	32.6	0.0	0.0
1850	31	0.0		0.0		0.0		0.0	18.3		26.2		0.0
1851	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	36.5	0.0
1851	2	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	11.0	0.0
1851	3	0.0	0.0	0.0	0.0	26.8	0.0	17.6	0.0	10.3	9.9	9.5	0.0
1851	4	0.0	0.0	0.0	0.0	1.2	0.0	1.8	6.6	43.1	1.9	0.0	0.0
1851	5	0.0	8.9	0.0	43.2	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0
1851	6	0.0	0.0	0.0	0.0	13.9	0.0	1.9	0.0	0.0	0.0	36.1	0.0
1851	7	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
1851	8	0.0	0.0	0.0	0.0	17.8	0.0	8.5	0.0	6.9	0.0	21.5	0.0
1851	9	0.0	0.0	0.0	15.2	4.4	0.0	0.0	10.5	0.0	0.0	10.0	0.0
1851	10	0.0	0.0	0.0	0.0	0.0	0.0	6.2	2.5	6.3	0.0	7.0	0.0
1851	11	0.0	0.0	0.0	1.7	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
1851	12	0.0	0.0	21.4	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0
1851	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1851	14	0.0	0.0	3.4	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1851	15	0.0	0.0	0.0	2.4	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0
1851	16	0.0	0.0	0.0	4.0	0.0	0.0	1.8	0.0	1.8	0.0	16.6	0.0
1851	17	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0
1851	18	0.0	0.0	0.0	0.0	6.5	0.0	8.8	5.9	49.7	41.0	14.3	0.0
1851	19	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0
1851	20	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	23.9	0.0	0.0	0.0
1851	21	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	3.5	0.0	0.0
1851	22	0.0	15.8	0.0	1.8	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0
1851	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.4	0.0	0.0
1851	24	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	17.5	0.0	0.0	0.0
1851	25	0.0	0.0	0.0	0.0	0.0	3.9	0.0	20.0	12.9	0.0	0.0	0.0
1851	26	13.6	0.0	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0
1851	27	0.0	0.0	0.0	4.3	0.0	0.0	6.6	0.0	2.3	0.0	0.0	0.0
1851	28	0.0	0.0	0.8	20.8	27.2	0.0	0.0	0.0	36.6	0.0	0.0	0.0
1851	29	0.0		0.0	2.3	8.3	0.0	0.0	12.3	21.2	0.0	0.0	0.0
1851	30	0.0		0.0	0.0	0.0	0.0	0.0	11.5	2.5	0.0	0.0	0.0
1851	31	0.0		5.9		0.0		16.4	11.5		13.8		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1852	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.4
1852	**2**	0.0	0.0	0.0	11.6	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0
1852	**3**	0.0	0.0	0.0	0.0	12.6	0.0	0.0	8.1	14.8	0.0	0.0	5.3
1852	**4**	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	16.5	11.2	0.0	0.0
1852	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1852	**6**	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1852	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	0.0	0.0
1852	**8**	0.0	0.0	0.0	0.0	0.0	0.0	26.0	0.0	13.3	0.0	0.0	0.0
1852	**9**	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	15.8	0.0	0.0	6.8
1852	**10**	0.0	0.0	0.0	0.0	0.0	31.5	0.0	0.0	0.0	15.2	0.0	0.0
1852	**11**	0.0	15.3	12.8	0.0	0.0	0.0	0.0	2.9	0.0	39.3	0.0	0.0
1852	**12**	0.0	0.0	4.8	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1852	**13**	0.0	14.2	0.0	0.0	13.8	0.0	0.0	8.2	0.0	13.4	0.0	0.0
1852	**14**	0.0	0.0	1.9	0.0	0.0	25.9	0.0	2.6	0.0	0.0	13.3	0.0
1852	**15**	0.0	0.0	0.0	0.0	0.0	19.2	0.0	0.0	7.7	0.0	0.0	4.6
1852	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0
1852	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	18.7	12.5
1852	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0
1852	**19**	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
1852	**20**	0.0	0.0	0.0	4.6	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0
1852	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1852	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	0.0
1852	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1852	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0
1852	**25**	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	4.7	0.0
1852	**26**	0.0	0.0	2.4	0.0	0.0	0.0	16.9	0.0	0.0	25.7	0.0	0.0
1852	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	6.8	0.0	0.0
1852	**28**	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0	0.0	8.9	0.0	0.0
1852	**29**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	3.5	0.0	0.0
1852	**30**	0.0		0.0	0.0	7.7	0.0	17.9	0.0	13.3	0.0	0.0	0.0
1852	**31**	0.0		0.0		11.9		0.0	0.0		0.0		0.0
1853	**1**	0.0	0.0	0.0	0.0	5.1	19.0	0.0	0.0	0.0	0.0	0.0	0.0
1853	**2**	0.0	0.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0
1853	**3**	0.0	0.0	0.0	3.6	0.0	0.0	4.0	3.6	0.0	0.0	0.0	0.0
1853	**4**	0.0	2.6	0.0	0.0	0.0	25.0	0.0	0.0	0.0	7.2	0.0	0.0
1853	**5**	0.0	0.0	18.2	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0
1853	**6**	0.0	0.0	0.0	0.0	0.0	0.0	3.5	8.3	27.9	0.0	0.0	0.0
1853	**7**	0.0	18.9	0.0	0.0	26.2	7.8	0.0	0.0	20.8	14.4	4.9	0.0
1853	**8**	0.0	15.6	0.0	0.0	0.0	1.7	0.0	0.0	5.1	0.0	0.0	0.0
1853	**9**	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	14.7	18.3	0.0
1853	**10**	0.0	4.4	4.3	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0
1853	**11**	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1	0.0	0.0
1853	**12**	0.0	7.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	8.2	7.9	0.0
1853	**13**	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853	**14**	0.0	0.0	0.0	21.2	0.0	0.0	0.0	0.0	0.0	7.5	0.0	0.0
1853	**15**	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853	**16**	0.0	0.0	8.3	0.0	0.0	14.9	0.0	7.9	0.0	0.0	0.0	0.0
1853	**17**	0.0	0.0	12.7	0.0	13.6	0.0	0.0	28.8	0.0	29.8	26.7	0.0
1853	**18**	22.8	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	10.5
1853	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.0	0.0
1853	**20**	0.0	0.0	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.1
1853	**21**	0.0	13.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	16.9	0.0	16.4
1853	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853	**23**	0.0	0.0	0.0	0.0	22.3	0.0	0.0	0.0	0.0	0.0	0.0	15.9
1853	**24**	16.0	0.0	0.0	4.4	0.0	4.2	2.6	0.0	0.0	0.0	0.0	0.0
1853	**25**	4.8	3.8	12.5	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853	**26**	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	4.1	0.0	0.0	0.0
1853	**27**	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853	**28**	0.0	0.0	37.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853	**29**	18.3		20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1853	**30**	0.0		0.0	23.6	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0
1853	**31**	11.2		0.0		0.0		0.0	0.0		4.6		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1854	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
1854	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854	4	0.0	0.0	0.0	0.0	0.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0
1854	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854	6	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0
1854	7	33.5	0.0	0.0	0.0	0.0	16.1	0.0	12.3	0.0	0.0	0.0	57.3
1854	8	0.0	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	22.4
1854	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854	10	12.1	0.0	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0	2.8
1854	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0
1854	12	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0	0.0	0.0	24.7
1854	13	13.1	0.0	0.0	0.0	6.3	0.0	15.2	0.0	0.0	0.0	0.0	0.0
1854	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854	15	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
1854	16	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	5.8	0.0	0.0
1854	17	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.5	0.0
1854	19	0.0	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.4	0.0	0.0
1854	21	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	21.0	0.0	5.5
1854	22	0.0	0.0	0.0	42.1	0.0	0.0	0.0	0.0	0.0	5.6	7.0	0.0
1854	23	0.0	0.0	0.0	0.0	0.0	12.4	1.2	0.0	26.6	0.0	0.0	0.0
1854	24	0.0	0.0	0.0	25.8	0.0	3.2	0.0	3.5	0.0	3.2	0.0	0.0
1854	25	0.0	0.0	0.0	24.3	7.9	0.0	0.0	0.0	0.0	0.0	22.1	0.0
1854	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0
1854	27	0.0	0.0	7.9	2.5	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0
1854	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0
1854	29	0.0		0.0	5.8	52.4	0.0	7.5	0.0	0.0	0.0	0.0	0.0
1854	30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854	31	0.0		0.0		13.8		0.0	0.0		0.0		0.0
1855	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	18.5	6.6	0.0
1855	2	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0	38.6	15.6	0.0	0.0
1855	3	0.0	0.0	0.0	0.0	18.0	8.2	0.0	0.0	5.4	0.0	0.0	0.0
1855	4	0.0	0.0	0.0	8.2	0.0	0.0	7.5	0.0	0.0	0.0	14.9	0.0
1855	5	0.0	33.0	16.1	30.9	22.0	0.0	13.3	2.2	16.8	0.0	0.0	0.0
1855	6	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	23.8	0.0
1855	7	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0
1855	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0
1855	9	0.0	21.1	0.0	0.0	16.2	17.2	2.1	0.0	0.0	0.0	0.0	0.0
1855	10	0.0	4.9	25.4	7.9	0.0	0.0	0.0	14.8	0.0	6.3	0.0	0.0
1855	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
1855	12	0.0	20.8	0.0	0.0	1.8	0.0	0.0	0.0	3.2	0.0	0.0	0.0
1855	13	0.0	0.0	0.0	0.0	12.6	0.0	0.0	8.7	38.5	0.0	0.0	0.0
1855	14	0.0	22.2	0.0	0.0	0.0	0.0	0.0	13.1	0.0	0.0	39.4	0.0
1855	15	0.0	0.0	0.0	0.0	15.7	0.0	0.0	0.0	0.0	0.0	14.8	0.0
1855	16	0.0	0.0	0.0	0.0	17.2	5.2	0.0	0.0	2.1	9.5	0.0	0.0
1855	17	0.0	0.0	0.0	0.0	3.1	0.0	0.0	2.9	0.0	0.0	0.0	0.0
1855	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1855	19	0.0	0.0	0.0	0.0	0.0	20.1	0.0	0.0	20.4	0.0	20.3	0.0
1855	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1855	21	0.0	0.0	0.0	0.0	6.6	29.7	0.0	0.0	0.0	0.0	0.0	0.0
1855	22	0.0	0.0	24.3	0.0	5.7	16.4	0.0	0.0	0.0	0.0	0.0	0.0
1855	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0
1855	24	0.0	25.5	2.9	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0	0.0
1855	25	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	0.0
1855	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	14.7
1855	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
1855	28	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1855	29	0.0		0.0	2.3	0.0	0.0	0.0	0.0	0.0	28.8	0.0	0.0
1855	30	0.0		20.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1855	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1856	**1**	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	21.9	0.0	35.7
1856	**2**	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856	**3**	0.0	0.0	0.0	0.0	5.0	0.0	7.1	0.0	26.7	0.0	5.0	0.0
1856	**4**	0.0	0.0	0.0	0.0	37.1	0.0	27.4	0.0	7.2	0.0	10.9	0.0
1856	**5**	0.0	0.0	0.0	9.9	0.0	0.0	7.2	2.5	3.2	0.0	0.0	0.0
1856	**6**	0.0	0.0	0.0	5.9	0.0	0.0	7.5	2.9	0.0	0.0	0.0	0.0
1856	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856	**8**	28.2	0.0	0.0	1.8	23.0	11.0	0.0	0.0	7.2	0.0	0.0	0.0
1856	**9**	17.0	0.0	0.0	0.0	39.0	0.0	6.8	0.0	5.4	0.0	0.0	0.0
1856	**10**	0.0	0.0	0.0	3.7	30.2	0.0	8.2	0.0	0.0	0.0	0.0	0.0
1856	**11**	20.2	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856	**12**	6.5	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0	10.1	0.0
1856	**13**	0.0	0.0	27.0	0.0	0.0	0.0	0.0	0.0	12.7	0.0	20.5	13.7
1856	**14**	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	20.3	0.0	5.0	0.0
1856	**15**	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	22.4	4.5	0.0	0.0
1856	**16**	0.0	0.0	0.0	0.0	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856	**17**	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	64.0	0.0	0.0
1856	**18**	0.0	11.1	0.0	0.0	0.0	7.4	3.8	10.4	0.0	0.0	0.0	0.0
1856	**19**	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	6.8	0.0	0.0
1856	**20**	15.7	15.9	0.0	0.0	0.0	10.6	0.0	3.9	0.0	1.8	0.0	0.0
1856	**21**	0.0	18.4	0.0	0.0	0.0	0.0	1.2	0.0	11.3	0.0	0.0	0.0
1856	**22**	18.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0
1856	**23**	0.0	16.6	0.0	0.0	0.0	20.9	0.0	0.0	0.0	0.0	0.0	0.0
1856	**24**	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856	**25**	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856	**26**	8.8	0.0	0.0	0.0	0.0	0.0	3.8	0.0	5.2	0.0	0.0	7.1
1856	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2
1856	**28**	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0	7.9	0.0	0.0	3.6
1856	**29**	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856	**30**	0.0		1.8	12.2	0.0	0.0	1.5	0.0	22.2	0.0	0.0	0.0
1856	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1857	**1**	0.0	0.0	0.0	0.0	7.2	0.0	2.4	0.0	0.0	0.0	0.0	0.0
1857	**2**	0.0	0.0	0.0	14.9	0.0	4.6	0.0	0.0	10.5	0.0	0.0	0.0
1857	**3**	0.0	0.0	0.0	8.4	0.0	2.3	0.0	0.0	9.5	0.0	0.0	0.0
1857	**4**	0.0	0.0	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	0.0
1857	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0	0.0
1857	**6**	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1857	**7**	23.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0
1857	**8**	0.0	0.0	0.0	0.0	0.0	0.0	5.1	1.5	0.0	6.4	0.0	0.0
1857	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
1857	**10**	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	7.2	0.0	0.0
1857	**11**	0.0	0.0	13.5	17.7	0.0	0.0	0.0	0.8	6.6	0.0	0.0	0.0
1857	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1857	**13**	0.0	0.0	0.0	0.0	1.5	1.9	0.0	0.0	0.0	3.5	0.0	0.0
1857	**14**	7.2	0.0	0.0	2.1	1.2	0.0	0.0	6.7	0.0	0.0	1.9	0.0
1857	**15**	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	9.2	0.0	0.0
1857	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0	0.0
1857	**17**	0.0	0.0	0.0	8.1	0.0	2.3	0.0	4.4	0.0	8.0	0.0	0.0
1857	**18**	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0
1857	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0
1857	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1857	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	8.8
1857	**22**	0.0	0.0	7.3	0.0	0.0	8.0	0.0	8.2	0.0	32.2	0.0	0.0
1857	**23**	18.4	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1857	**24**	5.0	0.0	42.6	19.0	16.3	0.0	8.5	0.0	0.0	0.0	0.0	0.0
1857	**25**	0.0	0.0	2.9	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1857	**26**	0.0	0.0	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0
1857	**27**	0.0	0.0	8.1	0.0	15.3	0.0	0.0	0.0	0.0	5.6	14.4	0.0
1857	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	8.6	0.0
1857	**29**	0.0		0.0	0.0	0.0	0.0	0.0	4.8	5.4	0.0	10.3	0.0
1857	**30**	0.0		0.0	25.5	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0
1857	**31**	0.0		0.0		0.0		8.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1858	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	3.5
1858	**2**	0.0	0.0	0.0	29.1	0.0	0.0	0.0	0.0	0.0	4.3	0.0	16.1
1858	**3**	0.0	0.0	37.8	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0
1858	**4**	0.0	0.0	8.4	0.0	13.0	0.0	7.7	0.0	0.0	0.0	0.0	2.9
1858	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0
1858	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	11.6
1858	**7**	0.0	0.0	0.0	0.0	0.0	0.0	7.9	15.9	0.0	0.0	5.6	0.0
1858	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	7.1
1858	**9**	0.0	0.0	6.6	18.0	11.1	0.0	0.0	0.0	2.3	0.0	0.0	0.0
1858	**10**	0.0	0.0	0.0	22.2	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0
1858	**11**	0.0	0.0	0.0	20.9	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0
1858	**12**	0.0	0.0	0.0	13.2	7.5	0.0	1.8	0.0	0.0	12.9	0.0	0.0
1858	**13**	0.0	0.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8
1858	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	7.3	0.0
1858	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.3	0.0	0.0	0.0	0.0
1858	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.0
1858	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.0	0.0
1858	**18**	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
1858	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0
1858	**20**	0.0	0.0	0.0	2.1	15.5	3.3	0.0	2.3	0.0	27.2	2.3	0.0
1858	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	38.4	0.0	0.0
1858	**22**	0.0	0.0	7.7	0.0	0.0	0.0	5.7	4.5	6.1	0.0	0.0	0.0
1858	**23**	0.0	0.0	0.0	1.3	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0
1858	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0
1858	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.7	0.0	0.0
1858	**26**	0.0	0.0	0.0	0.0	10.4	2.8	0.0	0.0	0.0	39.1	0.0	6.5
1858	**27**	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
1858	**28**	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	2.6	24.0	3.2
1858	**29**	0.0		0.0	0.0	0.0	7.9	2.1	0.0	0.0	0.0	13.4	0.0
1858	**30**	0.0		0.0	0.0	3.1	0.0	2.4	0.0	0.0	13.5	0.0	0.0
1858	**31**	0.0		0.0		0.0		0.6	0.0		0.0		0.0
1859	**1**	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0
1859	**2**	0.0	13.1	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	22.2
1859	**3**	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	34.8
1859	**4**	0.0	0.0	0.0	0.0	15.5	27.3	0.0	0.0	0.0	0.0	0.0	3.0
1859	**5**	0.0	0.0	0.0	0.0	16.3	0.0	0.0	0.0	1.3	0.0	10.7	0.0
1859	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1859	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1859	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1859	**9**	0.0	0.0	0.0	0.0	10.1	15.5	1.7	0.0	0.0	0.0	0.0	0.0
1859	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	24.3	0.0
1859	**11**	0.0	0.0	0.0	21.5	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
1859	**12**	0.0	0.0	0.0	6.1	0.0	38.8	0.0	0.0	2.3	0.0	0.0	0.0
1859	**13**	0.0	0.0	0.0	0.0	3.7	11.9	0.0	0.0	0.0	3.1	0.0	0.0
1859	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1859	**15**	0.0	14.8	0.0	0.0	13.3	0.0	0.0	0.0	3.5	21.2	0.0	0.0
1859	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	2.4	0.0	0.0
1859	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55.8	0.0	0.0	0.0
1859	**18**	0.0	0.0	0.0	2.8	0.0	0.0	0.0	2.6	19.9	0.0	0.0	0.0
1859	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0
1859	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.0	0.0	0.0
1859	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0
1859	**22**	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	6.8	0.0	0.0
1859	**23**	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1859	**24**	0.0	0.0	0.0	2.5	2.9	0.0	21.3	0.0	0.0	9.9	0.0	0.0
1859	**25**	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	4.6	0.0	0.0
1859	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.2	22.7
1859	**27**	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	6.8	0.0	20.5
1859	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.0	0.0
1859	**29**	0.0		0.0	2.2	0.0	0.0	0.0	22.5	0.0	26.2	0.0	0.0
1859	**30**	0.0		0.0	0.0	13.5	0.0	0.0	0.0	0.0	11.4	0.0	0.0
1859	**31**	0.0		11.2		16.4		0.0	16.5		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1860	**1**	0.0	0.0	0.0	0.0	11.7	0.0	6.4	0.0	0.0	0.0	0.0	7.1
1860	**2**	0.0	0.0	0.0	7.6	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0
1860	**3**	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0
1860	**4**	14.3	0.0	0.0	0.0	8.6	0.0	0.0	0.4	0.0	0.0	0.0	4.0
1860	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.9
1860	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1860	**7**	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	16.4	0.0	0.0	0.0
1860	**8**	0.0	0.0	0.0	7.3	0.0	13.8	0.0	6.8	5.7	0.0	0.0	0.0
1860	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.0
1860	**10**	0.0	0.0	0.0	36.2	0.0	0.0	5.1	0.0	0.0	14.5	0.0	11.0
1860	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0
1860	**12**	0.0	25.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0
1860	**13**	0.0	0.0	0.0	0.0	0.0	8.6	36.3	3.1	1.2	2.0	0.0	0.0
1860	**14**	0.0	5.9	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	17.0	0.0
1860	**15**	0.0	0.0	4.3	0.0	0.0	21.9	0.0	0.0	0.0	1.3	31.9	0.0
1860	**16**	0.0	0.0	0.0	0.0	3.7	0.0	0.0	1.2	6.0	0.0	0.0	4.4
1860	**17**	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
1860	**18**	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0	0.0
1860	**19**	0.0	0.0	0.0	13.6	22.2	0.0	0.0	1.5	0.0	0.0	20.9	0.0
1860	**20**	0.0	0.0	0.0	24.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1860	**21**	0.0	0.0	0.0	4.9	0.0	0.0	7.2	0.0	1.5	0.0	0.0	0.0
1860	**22**	0.0	0.0	0.0	0.0	0.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0
1860	**23**	0.0	0.0	3.6	5.9	0.0	2.6	0.0	0.0	0.0	0.0	18.3	0.0
1860	**24**	14.8	0.0	0.0	0.0	0.0	0.0	26.5	0.0	0.0	0.0	19.0	0.0
1860	**25**	13.4	0.0	0.0	15.6	0.0	0.0	3.0	0.0	0.0	0.0	10.1	0.0
1860	**26**	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	12.4	0.0	0.0	32.0
1860	**27**	0.0	0.0	0.0	0.0	6.6	0.0	11.3	0.0	0.0	0.0	0.0	0.0
1860	**28**	0.0	7.9	0.0	3.2	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0
1860	**29**	0.0	0.0	0.0	0.0	0.0	28.2	0.0	0.0	2.5	0.0	0.0	0.0
1860	**30**	0.0		0.0	0.0	0.0	0.0	8.4	0.0	9.5	0.0	0.0	0.0
1860	**31**	0.0		0.0		0.0		12.1	0.0		0.0		0.0
1861	**1**	0.0	0.0	13.5	15.1	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
1861	**2**	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0
1861	**5**	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**6**	0.0	0.0	0.0	0.0	35.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**7**	0.0	0.0	0.0	0.0	5.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
1861	**8**	0.0	26.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
1861	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**10**	0.0	8.0	0.0	0.0	0.0	0.0	25.6	0.0	0.0	0.0	8.1	0.0
1861	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	2.4	0.0
1861	**12**	0.0	10.6	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
1861	**13**	0.0	0.0	0.0	0.0	7.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0
1861	**14**	0.0	6.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	1.2	0.0	0.0
1861	**15**	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	11.4	0.0
1861	**16**	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**17**	0.0	6.4	0.0	0.0	0.0	9.1	0.0	0.0	6.4	0.0	3.8	0.0
1861	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**19**	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**20**	0.0	0.0	2.9	0.0	4.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**21**	0.0	3.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0	0.0	0.0	0.0
1861	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	0.0
1861	**25**	0.0	12.9	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	9.0	0.0
1861	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1861	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	0.0	0.0	0.0
1861	**28**	0.0	0.0	1.3	11.6	0.0	12.5	0.0	0.0	12.4	0.0	0.0	0.0
1861	**29**	0.0		0.0	15.7	0.0	0.0	0.0	0.0	0.0	26.9	0.0	0.0
1861	**30**	0.0		11.2	0.0	3.1	15.6	0.0	0.0	0.0	0.0	0.0	0.0
1861	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
(Attribution should be given to this paper and to INAF)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1862	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	58.6	0.0
1862	2	0.0	0.0	6.2	0.0	0.0	13.8	0.0	0.0	0.0	5.6	0.0	0.0
1862	3	0.0	0.0	21.7	0.0	0.0	0.0	0.0	0.0	21.6	5.3	50.9	21.1
1862	4	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0
1862	5	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	2.7	0.0	26.3	0.0
1862	6	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	15.2	0.0	5.4	0.0
1862	7	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1862	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.8	16.5	0.0	0.0
1862	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0
1862	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0
1862	11	0.0	0.0	0.0	4.8	19.1	0.0	0.0	1.4	0.0	0.0	0.0	0.0
1862	12	0.0	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1862	13	0.0	0.0	0.0	13.7	7.5	0.0	0.0	0.0	26.1	0.0	28.3	7.6
1862	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0
1862	15	0.0	0.0	0.0	27.6	0.0	0.0	0.0	0.0	0.0	0.0	17.5	0.0
1862	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.6	0.0	0.0	0.0	0.0
1862	17	0.0	0.0	0.0	0.0	0.0	0.0	8.4	22.4	0.0	0.0	0.0	0.0
1862	18	0.0	19.1	0.0	0.0	6.6	3.5	0.0	2.3	0.0	0.0	0.0	0.0
1862	19	0.0	0.0	0.0	0.0	0.0	17.5	2.1	0.0	0.0	0.0	0.0	0.0
1862	20	0.0	3.5	23.9	0.0	0.0	2.4	0.0	0.0	26.9	13.3	0.0	0.0
1862	21	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1862	22	38.9	14.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1862	23	0.0	0.0	8.7	0.0	0.0	11.5	0.0	10.4	0.0	0.0	0.0	0.0
1862	24	19.6	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	12.8	0.0
1862	25	0.0	0.0	0.0	0.0	0.0	4.1	0.0	1.4	0.0	4.9	3.5	0.0
1862	26	0.0	5.0	0.0	0.0	11.8	3.9	0.0	0.0	0.0	0.0	39.4	0.0
1862	27	27.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0
1862	28	0.0	0.0	27.2	0.0	0.0	0.0	0.0	18.8	0.0	12.6	0.0	0.0
1862	29	0.0		22.2	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0
1862	30	0.0		6.3	0.8	0.0	0.0	0.0	6.8	0.0	2.3	0.0	0.0
1862	31	0.0		5.2		0.0		0.0	0.0		5.5		15.4
1863	1	0.0	0.0	0.0	0.0	5.5	20.2	0.0	0.0	0.0	0.0	0.0	0.0
1863	2	0.0	1.7	0.0	0.0	0.0	2.1	0.0	0.0	0.0	24.3	4.9	0.0
1863	3	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	24.2	0.0	15.4
1863	4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	0.0
1863	5	0.0	0.0	0.0	2.3	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0
1863	6	0.0	0.0	2.3	0.0	4.3	9.0	0.0	0.0	2.3	20.9	0.0	0.0
1863	7	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0
1863	8	7.4	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1863	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1863	10	0.0	0.0	20.6	0.0	0.0	1.8	0.0	0.0	0.0	8.4	17.2	0.0
1863	11	27.8	0.0	98.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1863	12	7.2	0.0	24.3	0.0	0.0	0.0	0.0	0.0	3.6	0.0	6.5	0.0
1863	13	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	10.2	36.8	0.0
1863	14	0.0	0.0	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	0.0
1863	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.4	0.0
1863	16	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0
1863	17	4.4	0.0	13.8	12.3	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0
1863	18	30.6	0.0	3.5	1.1	0.0	0.0	7.9	0.0	0.0	9.9	0.0	0.0
1863	19	8.1	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	12.5
1863	20	0.0	0.0	3.8	3.2	0.0	1.9	0.0	2.3	0.0	0.0	0.0	0.0
1863	21	0.0	0.0	0.0	0.0	0.0	5.0	0.0	14.9	0.0	0.0	0.0	0.0
1863	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.0
1863	23	0.0	0.0	0.0	0.0	23.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1863	24	0.0	0.0	0.0	0.0	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1863	25	0.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	5.6	0.0	0.0	0.0
1863	26	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0	33.8	2.0	0.0	0.0
1863	27	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	2.2	0.0	3.8	0.0
1863	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1863	29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1863	30	0.0		0.0	3.5	0.0	0.0	0.0	0.0	0.0	13.9	0.0	0.0
1863	31	0.0		0.0		0.0		1.1	6.9		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1864	1	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
1864	2	0.0	0.0	0.0	0.0	6.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0
1864	3	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	6.6	0.0	0.0
1864	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	5.5	0.0
1864	5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	2.1	0.0	0.0	0.0
1864	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1864	7	0.0	0.0	3.8	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.0
1864	8	0.0	0.0	0.0	4.3	0.0	8.1	0.0	0.0	0.0	0.0	3.0	5.3
1864	9	0.0	0.0	0.0	0.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0
1864	10	0.0	0.0	0.0	0.0	5.0	3.2	2.9	0.0	0.0	0.0	0.0	0.0
1864	11	0.0	0.0	0.0	0.0	18.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0
1864	12	0.0	0.0	2.1	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0
1864	13	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	21.3	0.0	12.8	0.0
1864	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0
1864	15	0.0	0.0	0.0	0.0	7.0	14.7	0.0	0.0	0.0	0.0	6.0	10.7
1864	16	0.0	39.4	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	6.3
1864	17	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1864	18	0.0	16.9	0.0	29.2	0.0	0.0	0.0	14.6	0.0	0.0	0.0	2.1
1864	19	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	25.8	0.0	0.0	1.1
1864	20	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	5.2	20.2	0.0	0.0
1864	21	0.0	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.2	0.0	2.3
1864	22	0.0	1.9	2.7	0.0	0.0	0.0	0.9	0.0	0.0	4.1	13.7	0.0
1864	23	0.0	0.0	0.0	7.0	0.0	0.0	11.7	0.0	0.0	7.2	0.0	0.0
1864	24	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	10.1	12.0	0.0
1864	25	0.0	19.8	2.8	0.0	0.0	1.0	0.0	1.7	0.0	0.0	0.0	0.0
1864	26	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0
1864	27	0.0	0.0	0.0	0.0	16.3	10.7	0.0	0.0	0.0	5.0	21.4	0.0
1864	28	0.0	0.0	0.0	0.0	0.0	24.2	0.0	0.0	0.0	0.0	8.6	23.3
1864	29	0.0	30.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0
1864	30	0.0		0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0
1864	31	0.0		6.9		0.0		0.0	0.0		0.0		0.0
1865	1	0.0	0.0	0.0	0.0	2.8	0.0	1.6	0.0	0.0	0.0	1.0	0.0
1865	2	0.0	3.3	4.4	0.0	2.1	0.0	0.0	0.0	0.0	0.0	2.1	9.2
1865	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.5	1.8
1865	4	0.0	0.0	0.0	0.0	0.0	12.4	0.0	0.0	0.0	0.0	9.6	0.0
1865	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	16.7	0.0
1865	6	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	2.5	0.0	0.0
1865	7	0.0	0.0	27.8	0.0	0.0	5.9	0.0	8.1	0.0	0.0	0.0	14.5
1865	8	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1865	9	0.0	0.0	3.6	0.0	0.0	0.0	0.0	4.3	0.0	0.0	21.4	0.0
1865	10	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	33.0	0.0	0.0
1865	11	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1865	12	0.0	0.0	1.9	0.0	0.0	18.5	2.8	0.0	0.0	0.0	0.0	0.0
1865	13	5.4	0.0	4.0	0.0	6.3	7.4	0.0	0.0	0.0	0.0	0.0	0.0
1865	14	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.9	0.0	0.0
1865	15	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	11.9	0.0	0.0
1865	16	0.0	0.0	0.0	0.0	0.0	1.0	0.0	8.5	0.0	0.0	0.0	0.0
1865	17	15.2	0.0	2.3	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0
1865	18	0.5	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1865	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0
1865	20	0.0	0.0	3.6	0.0	17.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0
1865	21	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1865	22	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	4.9	0.0
1865	23	18.9	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	5.2	1.1	0.0
1865	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
1865	25	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0
1865	26	0.0	0.0	12.8	0.0	3.5	6.7	2.3	0.0	0.0	0.0	0.0	0.0
1865	27	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	38.6	0.0	0.0
1865	28	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	3.2	0.0
1865	29	2.7		2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0
1865	30	0.0		0.0	0.0	0.0	1.2	0.0	14.2	0.0	0.0	1.3	0.0
1865	31	0.0		0.0		0.0		0.0	20.9		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1866	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1866	2	4.0	0.0	16.3	27.6	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1866	3	0.0	5.0	30.1	1.7	20.4	0.0	0.0	0.0	17.5	0.0	0.0	3.3
1866	4	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1866	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1866	6	0.0	0.0	5.5	23.3	0.0	0.0	1.2	10.8	0.0	0.0	0.0	0.0
1866	7	0.0	0.0	0.0	26.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
1866	8	0.0	0.0	7.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
1866	9	0.0	0.0	9.1	0.8	0.0	0.0	0.0	4.2	13.6	0.0	0.0	0.0
1866	10	3.4	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	7.2	0.0
1866	11	0.0	3.6	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0
1866	12	6.4	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0
1866	13	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0
1866	14	0.0	0.0	3.6	0.0	0.0	10.2	0.0	0.0	0.0	36.3	0.0	0.0
1866	15	0.0	0.0	0.2	0.0	0.0	9.5	0.0	0.0	0.0	0.5	0.0	0.0
1866	16	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	3.2	1.6	0.0	0.0
1866	17	0.0	0.0	20.1	0.0	2.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0
1866	18	0.0	0.0	4.4	0.0	0.7	0.0	0.0	0.0	4.7	0.0	0.0	0.0
1866	19	0.0	0.0	26.6	0.0	0.0	0.0	0.0	0.0	23.1	0.0	0.0	0.0
1866	20	0.0	0.0	0.0	0.0	2.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0
1866	21	0.0	1.5	10.3	10.4	11.6	0.0	0.0	7.5	0.0	0.0	0.0	0.0
1866	22	0.0	0.0	5.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1866	23	4.5	0.0	6.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1866	24	0.0	14.4	0.0	0.0	0.0	3.0	25.6	0.0	0.0	0.0	0.0	0.0
1866	25	0.0	0.0	12.1	0.0	13.3	24.3	0.0	0.0	0.0	0.0	0.0	0.0
1866	26	0.0	0.0	10.1	0.0	4.2	1.7	0.0	0.0	0.0	0.8	0.0	0.0
1866	27	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.2	0.0	0.0	0.0
1866	28	0.0	11.4	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
1866	29	0.0		0.0	0.0	0.0	30.0	4.4	9.4	0.0	0.0	0.0	0.0
1866	30	0.0		0.0	20.0	9.0	1.1	0.0	4.4	0.0	0.0	0.0	0.0
1866	31	0.0		0.0		0.0		12.8	0.0		0.0		2.9
1867	1	0.0	0.0	0.0	0.0	4.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0
1867	2	0.0	0.0	0.0	0.0	5.6	0.0	0.0	3.8	0.0	0.0	0.0	5.7
1867	3	0.0	0.0	0.0	1.1	0.0	0.0	0.0	37.9	0.0	0.0	10.4	0.0
1867	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	2.9	0.0	5.8
1867	5	0.0	23.1	0.0	0.0	0.0	4.1	0.0	3.9	0.0	3.9	0.0	2.6
1867	6	2.1	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0
1867	7	0.0	0.0	21.8	0.0	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0
1867	8	0.0	0.0	0.0	0.0	0.0	0.0	1.3	16.6	0.0	3.7	0.0	0.0
1867	9	21.8	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1867	10	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0
1867	11	13.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	14.9	0.0	0.0	0.0
1867	12	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1867	13	18.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
1867	14	2.5	0.0	2.9	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0
1867	15	7.2	0.0	0.7	0.0	1.1	45.1	0.0	0.0	0.0	0.0	0.0	0.0
1867	16	0.0	0.0	0.0	0.0	2.5	17.8	0.0	0.0	0.0	0.0	34.1	0.0
1867	17	0.0	0.0	0.0	0.0	3.6	0.6	0.0	0.0	18.6	0.0	11.2	0.0
1867	18	1.3	0.0	8.3	0.0	0.0	0.0	0.0	0.0	4.7	1.5	0.0	0.0
1867	19	2.1	0.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.0	6.5
1867	20	15.7	0.0	3.4	0.0	19.5	0.0	0.0	0.0	0.0	0.0	0.0	14.3
1867	21	4.4	0.0	0.0	7.8	1.5	0.0	0.0	0.0	1.7	0.0	0.0	0.0
1867	22	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	8.5	3.2	0.0	0.0
1867	23	0.0	0.0	1.1	0.0	41.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0
1867	24	0.0	0.0	0.0	0.0	0.0	2.8	0.0	7.7	0.0	7.9	0.0	0.0
1867	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	49.1	0.0	0.0	0.0
1867	26	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1867	27	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	24.3	0.0	0.0
1867	28	0.0	3.9	23.7	6.9	0.0	0.0	0.0	18.3	0.0	8.1	0.0	0.0
1867	29	0.0		3.2	18.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1867	30	0.0		6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1867	31	0.0		7.3		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1868	1	0.0	0.0	5.4	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0
1868	2	4.2	0.0	0.0	0.0	0.0	0.0	15.4	4.6	0.0	0.0	0.0	0.0
1868	3	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0
1868	4	10.6	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	50.9	0.0	0.0
1868	5	6.2	0.0	0.0	0.0	0.0	27.7	0.5	19.7	0.0	0.8	0.0	0.0
1868	6	0.0	0.0	1.6	0.0	0.0	0.0	0.0	23.1	0.0	0.0	0.0	0.0
1868	7	0.0	0.0	0.0	0.0	2.4	0.0	12.6	0.0	0.0	0.0	24.8	0.0
1868	8	0.0	0.0	0.0	0.0	4.5	0.0	12.1	0.0	0.0	0.0	18.4	1.6
1868	9	0.0	0.0	2.2	3.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0
1868	10	0.0	0.0	14.9	3.5	0.0	40.7	0.0	0.0	0.0	0.0	0.0	0.0
1868	11	0.0	0.0	1.9	30.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1868	12	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1868	13	0.0	0.0	0.0	1.9	0.0	4.1	0.0	1.4	0.0	0.0	0.0	0.0
1868	14	0.0	0.0	0.0	0.5	16.8	0.4	6.6	2.2	17.2	0.0	7.1	1.4
1868	15	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	6.5	0.0	21.4	0.0
1868	16	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	6.3
1868	17	0.0	0.0	0.0	1.2	0.0	0.0	0.0	25.7	0.0	0.0	0.0	26.7
1868	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.0	0.0	0.0	0.0	0.0
1868	19	2.4	0.0	3.4	0.0	5.4	0.0	0.0	0.0	0.0	7.8	0.0	2.7
1868	20	2.4	0.0	0.0	19.4	0.3	4.8	0.0	8.5	24.2	0.2	0.0	0.4
1868	21	0.0	0.0	0.0	19.5	0.0	8.3	0.0	0.0	42.4	0.0	0.0	0.0
1868	22	0.0	0.0	0.0	0.0	1.1	2.2	0.0	0.0	22.1	2.3	0.0	0.0
1868	23	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.5	10.6	0.0	0.0
1868	24	0.0	0.0	4.5	0.0	0.0	5.5	0.0	0.0	0.0	0.0	2.2	4.8
1868	25	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	11.1	0.0
1868	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.8	0.0
1868	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	4.3	0.0
1868	28	0.0	0.0	0.0	6.8	0.0	1.7	7.3	0.0	4.5	20.8	0.0	0.0
1868	29	0.0	0.0	0.0	0.5	0.0	0.0	0.8	18.3	0.0	0.0	0.0	2.2
1868	30	0.0		0.0	0.0	0.0	9.2	16.2	2.0	0.0	0.0	0.0	0.0
1868	31	0.0		0.0		0.0		1.4	0.0		0.0		13.2
1869	1	0.5	0.0	0.0	37.8	0.0	7.4	0.0	0.0	38.3	0.0	0.0	12.2
1869	2	0.0	11.1	4.5	6.2	0.0	5.5	17.4	0.0	0.0	0.0	0.0	33.5
1869	3	0.0	0.0	0.0	0.0	28.5	5.1	2.8	0.0	0.0	0.0	0.0	17.2
1869	4	0.4	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	3.7
1869	5	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4
1869	6	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1869	7	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	33.3	0.0	0.0	0.0
1869	8	0.0	0.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	1.4
1869	9	0.0	1.9	0.0	0.0	3.0	5.3	0.0	0.0	0.0	4.5	0.0	18.8
1869	10	0.0	0.0	4.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	24.6
1869	11	0.0	0.8	3.2	0.0	2.3	6.9	0.0	0.0	0.0	0.0	19.1	10.5
1869	12	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1
1869	13	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
1869	14	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0
1869	15	11.3	0.0	30.9	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0
1869	16	3.8	0.0	9.7	0.0	6.7	0.0	0.0	0.0	0.0	1.2	0.0	0.0
1869	17	3.8	0.0	3.0	1.0	3.8	0.0	0.0	2.5	0.0	12.2	0.0	0.9
1869	18	0.0	0.0	3.5	8.7	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
1869	19	0.0	0.0	0.0	31.6	0.0	6.3	0.0	0.0	0.0	6.9	0.0	0.0
1869	20	0.0	0.0	4.7	8.1	0.0	0.6	0.0	0.0	6.7	4.3	0.0	5.3
1869	21	0.0	2.7	28.2	0.0	0.0	26.4	0.0	0.0	3.0	20.3	4.5	8.5
1869	22	0.0	0.1	0.2	4.2	0.0	2.9	0.0	3.7	75.7	1.4	14.6	19.7
1869	23	0.0	0.0	0.8	0.0	1.2	2.3	0.0	0.0	0.0	0.0	0.0	16.2
1869	24	0.0	0.0	0.0	1.3	16.1	0.0	0.0	0.0	0.0	0.7	4.8	2.1
1869	25	0.0	0.0	0.0	0.0	12.3	0.0	0.0	0.0	0.0	0.0	1.4	1.5
1869	26	0.0	0.0	0.0	0.0	0.2	0.0	2.7	6.4	0.0	0.0	0.0	1.9
1869	27	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	8.7	0.0	1.8
1869	28	4.3	16.5	18.9	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0	22.4
1869	29	0.0		9.7	0.0	0.0	32.0	0.0	0.0	0.0	0.0	0.8	12.3
1869	30	5.1		3.6	0.0	0.0	6.3	0.0	0.0	0.0	7.4	0.0	0.0
1869	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1870	**1**	0.0	0.0	0.0	0.0	0.0	10.6	4.4	0.0	0.0	0.0	0.5	0.0
1870	**2**	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.8	0.0	0.0	0.0
1870	**3**	1.3	0.0	0.0	0.0	0.0	1.5	0.3	0.0	0.0	0.0	0.0	0.0
1870	**4**	0.0	0.0	5.6	0.0	0.0	0.5	0.0	7.0	0.0	0.0	0.0	0.0
1870	**5**	0.0	0.0	3.4	0.0	0.0	2.0	0.0	1.2	0.0	0.0	0.0	0.0
1870	**6**	0.0	0.0	0.0	0.0	0.0	0.6	0.0	18.3	0.0	0.0	0.0	0.0
1870	**7**	0.0	0.0	0.5	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	20.1
1870	**8**	0.0	0.0	2.5	0.0	0.9	0.0	0.0	12.0	8.4	0.0	0.0	15.6
1870	**9**	1.9	0.0	0.0	2.9	0.0	0.0	0.0	26.7	0.0	11.5	0.0	3.9
1870	**10**	19.7	0.0	0.0	0.0	7.2	4.5	0.0	1.0	0.0	0.0	8.4	0.0
1870	**11**	16.1	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	20.3	0.0
1870	**12**	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3
1870	**13**	0.0	11.1	0.0	0.0	0.0	0.0	5.7	10.8	0.0	0.0	3.9	11.0
1870	**14**	0.0	5.3	0.0	0.0	0.0	0.0	0.9	4.0	0.0	0.0	17.9	0.2
1870	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
1870	**16**	0.0	1.4	0.0	0.0	0.0	0.0	0.0	17.6	0.0	36.0	5.1	0.0
1870	**17**	0.0	2.2	0.0	0.0	0.0	0.0	1.4	1.1	0.0	1.9	10.3	0.0
1870	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.5	10.8	0.0	0.7	2.2	0.0
1870	**19**	0.0	2.2	0.0	0.0	0.0	0.0	0.0	11.8	3.0	0.0	11.3	0.0
1870	**20**	0.8	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	2.9	10.6	0.0
1870	**21**	0.7	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	9.1	5.9	0.0
1870	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	4.2
1870	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.4	0.0
1870	**24**	0.0	0.0	16.0	0.0	0.0	15.4	0.0	0.0	0.0	11.3	5.0	17.5
1870	**25**	0.0	0.0	21.3	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	8.3
1870	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1870	**27**	0.0	3.8	0.0	0.0	7.2	0.0	3.6	15.1	0.0	0.0	6.2	1.9
1870	**28**	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
1870	**29**	0.0		0.0	6.4	0.0	4.0	15.9	0.0	0.0	0.0	0.0	10.1
1870	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
1870	**31**	0.0		0.0		0.0		0.0	0.3		0.0		0.0
1871	**1**	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.8	0.0	10.9
1871	**2**	0.0	0.0	0.0	0.0	0.0	18.9	0.0	0.0	0.0	0.0	0.0	0.0
1871	**3**	4.7	0.0	0.0	0.0	0.0	28.5	0.0	0.0	0.0	1.6	0.0	0.0
1871	**4**	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
1871	**5**	0.0	0.0	0.0	2.6	0.0	6.6	0.0	0.0	0.0	4.8	0.0	0.0
1871	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	13.7	0.0
1871	**7**	0.0	0.0	0.0	0.0	1.1	4.0	0.0	0.0	0.0	0.0	17.6	0.0
1871	**8**	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	20.1	0.0
1871	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	0.0
1871	**10**	29.2	0.5	0.0	8.1	3.3	3.1	0.0	0.0	0.0	1.9	0.3	0.0
1871	**11**	0.0	0.0	0.0	0.7	0.0	1.6	0.0	0.2	0.0	0.0	0.0	0.0
1871	**12**	0.0	0.0	0.0	0.0	0.0	0.0	1.1	6.0	0.0	0.0	4.7	0.0
1871	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.2	0.0	39.3	0.0
1871	**14**	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1871	**15**	0.0	0.0	1.3	7.0	8.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0
1871	**16**	0.0	0.0	0.0	2.9	24.5	0.0	0.0	0.0	0.0	0.0	3.2	0.0
1871	**17**	0.0	0.0	23.5	0.7	9.7	0.0	0.0	22.7	0.0	0.0	6.2	0.0
1871	**18**	5.6	0.0	1.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0
1871	**19**	2.4	0.0	0.0	0.0	3.6	6.1	0.0	3.9	0.0	0.0	0.0	0.0
1871	**20**	0.0	0.0	3.8	2.9	0.0	7.1	0.0	0.0	15.1	0.0	0.0	0.0
1871	**21**	0.0	0.0	14.4	0.0	0.0	30.8	0.0	0.0	8.0	0.0	0.0	0.0
1871	**22**	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	2.3	0.0
1871	**23**	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5
1871	**24**	17.8	0.0	0.0	1.2	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0
1871	**25**	18.1	0.0	0.0	0.2	0.0	12.3	1.1	0.0	0.0	0.0	0.0	0.0
1871	**26**	16.8	0.0	3.6	0.0	0.0	10.5	0.0	0.0	18.2	0.8	6.3	0.0
1871	**27**	7.2	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1871	**28**	1.1	0.0	9.8	11.2	0.0	0.0	0.0	0.0	1.5	9.4	0.0	0.0
1871	**29**	0.0		4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.4	0.0
1871	**30**	2.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0
1871	**31**	2.1		0.0		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1872	**1**	0.0	0.0	0.0	3.9	0.0	31.9	0.5	7.9	0.0	0.0	0.0	3.2
1872	**2**	0.0	0.0	0.0	0.0	0.0	0.0	3.2	14.3	0.0	0.0	0.0	9.1
1872	**3**	0.0	0.0	0.0	5.5	0.0	1.9	13.9	11.6	0.0	0.0	5.4	12.7
1872	**4**	0.0	0.0	0.0	6.0	0.0	28.6	0.4	0.0	0.0	0.5	0.0	15.7
1872	**5**	0.0	0.0	0.0	0.0	1.2	20.2	0.0	0.0	0.0	20.9	0.0	0.0
1872	**6**	3.6	0.0	0.2	1.4	1.4	2.5	2.2	0.0	0.0	12.6	0.0	0.0
1872	**7**	1.2	0.0	0.5	0.0	2.3	0.0	0.1	0.0	0.0	10.3	0.0	5.7
1872	**8**	2.6	0.0	0.4	0.0	1.8	0.0	0.0	0.0	0.0	2.2	0.0	0.0
1872	**9**	5.6	0.0	0.0	0.0	22.5	1.2	0.0	0.0	0.0	12.5	0.0	18.1
1872	**10**	0.0	0.0	0.3	0.0	1.8	17.4	3.3	0.0	0.0	0.0	0.0	0.0
1872	**11**	0.0	1.7	12.6	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	18.3
1872	**12**	0.0	1.5	0.5	0.0	32.0	0.9	0.0	0.0	0.0	0.0	12.6	9.1
1872	**13**	0.0	10.4	0.0	0.0	3.3	0.0	0.0	0.0	0.0	19.9	1.0	0.0
1872	**14**	0.0	6.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	31.7	14.0	0.0
1872	**15**	0.0	9.7	0.2	0.0	0.0	0.0	0.0	2.1	0.0	5.9	0.1	0.0
1872	**16**	0.0	14.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	10.2	0.0	0.0
1872	**17**	4.4	0.0	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.1	9.1	0.0
1872	**18**	1.9	0.0	0.0	2.3	0.0	0.0	14.5	0.0	0.0	0.2	0.0	29.4
1872	**19**	0.8	0.0	3.8	1.5	0.3	0.1	0.0	0.0	1.4	0.0	2.4	0.0
1872	**20**	2.9	0.0	0.0	9.9	0.3	1.4	0.0	0.0	1.9	12.6	0.2	0.0
1872	**21**	0.1	0.0	1.5	4.6	0.0	0.8	0.0	1.3	0.5	19.5	0.0	0.0
1872	**22**	0.1	0.0	5.4	0.0	0.0	0.0	0.0	19.2	0.0	65.8	0.0	0.0
1872	**23**	1.0	0.0	11.5	4.0	0.0	4.4	0.0	17.7	0.0	6.7	0.0	0.0
1872	**24**	6.5	1.3	16.7	3.0	0.0	0.0	0.0	0.4	0.5	0.4	7.0	0.0
1872	**25**	5.8	1.9	9.8	5.0	9.1	9.5	0.0	0.2	0.0	45.9	3.3	0.0
1872	**26**	0.4	3.7	0.0	0.0	5.1	3.8	0.0	0.0	2.3	1.2	0.0	1.4
1872	**27**	0.0	0.0	0.0	0.0	3.6	0.0	0.0	10.5	2.2	1.1	0.0	0.0
1872	**28**	6.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	21.3	0.4	0.9
1872	**29**	0.0	0.0	0.0	0.7	0.3	0.0	0.6	0.0	0.0	2.8	0.5	0.0
1872	**30**	0.0		0.0	12.5	0.9	3.7	0.0	0.0	0.0	0.0	0.0	0.1
1872	**31**	0.0		11.2		0.0		1.6	1.0		0.0		1.8
1873	**1**	9.3	0.0	0.0	0.0	0.0	0.3	5.9	0.0	0.0	0.0	0.2	0.0
1873	**2**	2.1	0.0	0.0	0.0	0.0	0.0	2.7	18.8	0.0	0.0	10.3	0.0
1873	**3**	6.7	20.0	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	0.1	0.0
1873	**4**	1.4	8.3	0.0	0.0	6.2	0.9	0.0	0.0	0.2	0.0	6.3	0.0
1873	**5**	0.0	0.0	0.0	0.8	0.0	3.4	0.0	0.0	18.3	0.0	2.4	0.0
1873	**6**	0.0	15.1	0.0	2.6	0.0	1.2	0.0	0.0	4.2	0.0	0.5	0.0
1873	**7**	0.0	17.4	0.0	16.9	0.0	0.0	0.0	0.0	5.8	0.0	0.1	0.0
1873	**8**	0.0	8.3	0.0	6.7	10.5	4.2	1.9	0.0	0.0	0.0	4.2	0.0
1873	**9**	0.0	7.1	0.0	0.0	7.7	0.0	0.1	0.0	0.0	6.1	12.1	0.0
1873	**10**	0.0	0.1	0.0	21.0	0.0	0.0	0.0	3.8	0.0	7.2	26.5	0.0
1873	**11**	0.0	0.0	2.8	8.2	0.5	0.0	0.0	0.0	0.0	0.2	6.0	0.0
1873	**12**	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1873	**13**	0.0	0.0	5.4	0.0	0.0	16.2	0.0	0.0	0.0	0.0	0.0	0.0
1873	**14**	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.6	0.0
1873	**15**	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.6	9.8	2.2	0.0
1873	**16**	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0
1873	**17**	0.0	0.0	3.9	28.9	0.0	0.2	0.0	0.0	0.0	36.5	0.0	0.0
1873	**18**	0.0	0.0	12.5	0.0	13.5	0.0	0.0	16.1	0.0	7.1	0.0	0.0
1873	**19**	0.5	0.0	33.5	0.2	2.2	0.0	12.7	1.1	0.0	1.1	0.0	0.0
1873	**20**	28.7	0.0	0.1	3.1	0.5	1.0	0.0	20.2	0.0	2.6	0.0	0.0
1873	**21**	0.0	0.0	8.0	2.4	5.4	0.0	0.0	0.0	0.0	2.4	0.0	0.0
1873	**22**	23.0	0.0	4.4	1.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8
1873	**23**	1.3	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.4
1873	**24**	3.9	0.0	0.0	6.6	0.0	20.0	23.3	1.0	0.0	0.1	0.0	0.0
1873	**25**	28.0	0.3	0.0	2.9	0.0	0.1	1.2	0.0	0.0	7.6	0.0	0.0
1873	**26**	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1873	**27**	0.0	26.3	0.0	5.7	11.8	0.0	0.0	0.0	0.0	0.0	11.4	3.4
1873	**28**	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9
1873	**29**	3.6		0.0	0.0	0.0	0.0	2.7	0.1	0.0	0.0	0.0	0.0
1873	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	2.1	0.0
1873	**31**	0.5		0.0		12.0		0.0	0.0		6.4		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1874	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.2	0.0	0.3
1874	**2**	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	11.2	0.0	0.2
1874	**3**	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	1.7	0.0	1.9
1874	**4**	3.2	0.0	0.0	0.0	0.4	0.0	0.0	1.4	0.0	0.0	0.0	63.6
1874	**5**	5.5	0.0	0.0	5.7	11.8	4.4	0.0	0.0	0.0	0.0	0.0	29.3
1874	**6**	0.0	0.0	0.0	10.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.9
1874	**7**	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
1874	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1874	**9**	0.0	0.7	0.0	2.0	2.1	0.0	0.0	1.4	0.0	0.0	0.0	3.0
1874	**10**	0.0	0.0	5.4	2.1	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1874	**11**	0.0	0.0	4.2	0.0	20.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0
1874	**12**	0.0	0.0	2.4	4.0	16.6	0.0	5.8	0.0	0.0	0.0	17.9	0.0
1874	**13**	0.0	0.0	0.5	5.3	0.3	38.2	0.0	0.0	20.9	0.0	3.2	0.0
1874	**14**	0.0	0.0	0.0	12.9	1.2	16.6	0.0	0.0	0.0	0.0	15.4	7.0
1874	**15**	0.0	0.0	0.0	4.4	1.6	17.3	0.0	8.1	0.0	0.0	11.0	0.0
1874	**16**	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.3	3.1	13.9	0.0	0.0
1874	**17**	3.0	30.7	0.0	0.0	0.0	0.0	4.7	0.0	2.7	0.1	0.0	0.0
1874	**18**	0.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3
1874	**19**	0.0	16.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	18.2
1874	**20**	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	12.6
1874	**21**	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	1.1	0.9	0.0	3.6
1874	**22**	0.0	0.0	0.0	0.0	0.4	0.4	9.3	1.4	4.9	0.0	0.0	1.1
1874	**23**	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	1.4	0.0	0.0
1874	**24**	0.0	0.0	0.3	0.0	4.6	0.0	6.6	0.0	0.0	0.0	0.0	0.0
1874	**25**	0.0	0.0	0.0	0.0	3.8	7.8	2.2	0.0	0.0	0.0	0.0	0.0
1874	**26**	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0
1874	**27**	0.0	0.0	0.0	0.0	1.3	15.6	0.0	0.0	0.0	0.0	0.0	0.0
1874	**28**	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0
1874	**29**	0.0		0.0	0.0	0.0	0.7	0.0	5.1	0.0	0.0	0.3	1.5
1874	**30**	0.0		0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	7.6	24.9
1874	**31**	0.0		0.0		0.0		1.4	0.0		0.0		0.0
1875	**1**	0.7	0.0	5.1	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	17.3
1875	**2**	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1875	**3**	0.0	0.0	0.0	0.0	1.9	0.0	1.4	0.0	0.0	0.0	0.0	33.8
1875	**4**	0.0	0.0	0.0	0.0	0.0	0.0	13.2	14.6	0.0	0.0	0.0	14.4
1875	**5**	1.7	0.0	0.0	0.0	10.6	0.9	0.0	2.5	0.0	0.0	0.0	7.4
1875	**6**	0.5	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1875	**7**	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	24.9	0.0	1.7	0.0
1875	**8**	0.0	0.0	0.0	7.1	0.0	0.0	1.5	0.0	0.0	0.0	3.8	0.0
1875	**9**	0.0	0.0	0.0	5.8	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0
1875	**10**	0.0	0.0	0.0	15.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1875	**11**	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	29.6	0.5	0.0
1875	**12**	0.0	0.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0
1875	**13**	0.0	0.0	0.4	6.9	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1875	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
1875	**15**	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	39.2	2.3	0.0
1875	**16**	1.1	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.5	0.0	0.0
1875	**17**	1.0	0.0	0.0	0.0	0.0	1.6	30.4	0.0	0.0	0.0	0.0	0.0
1875	**18**	0.0	0.0	0.0	0.0	6.4	0.9	2.0	0.0	0.0	0.0	0.0	0.0
1875	**19**	0.0	0.0	0.0	0.0	0.0	24.5	0.0	0.0	0.0	0.8	0.0	0.0
1875	**20**	0.0	12.3	0.0	0.0	1.2	1.1	0.0	0.0	0.0	8.1	0.0	0.0
1875	**21**	0.4	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	2.7	6.5	1.4
1875	**22**	1.2	0.0	0.0	0.0	0.0	0.0	40.2	0.0	0.0	14.1	0.0	0.0
1875	**23**	0.0	0.0	0.0	0.0	0.0	0.0	1.1	11.5	0.0	1.1	0.0	0.0
1875	**24**	0.0	1.7	0.0	0.0	0.0	6.0	1.1	0.0	0.0	33.8	0.0	0.0
1875	**25**	6.3	23.3	0.0	2.4	0.0	1.0	0.0	0.4	0.0	0.3	11.6	0.0
1875	**26**	0.2	0.0	0.0	3.1	1.4	4.7	0.3	1.1	0.0	0.3	22.1	0.0
1875	**27**	0.0	0.0	0.0	2.2	0.3	12.0	0.0	0.0	0.0	0.0	1.9	0.0
1875	**28**	0.0	1.7	0.7	0.0	0.0	16.8	0.0	0.0	0.0	24.9	15.9	0.0
1875	**29**	0.0		11.0	0.0	0.0	2.5	0.0	0.0	1.1	0.0	5.2	0.0
1875	**30**	0.0		0.0	0.0	51.4	0.0	0.0	3.8	6.2	0.0	1.2	0.0
1875	**31**	0.0		0.0		1.1		0.0	50.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1878	**1**	11.1	0.0	0.0	4.2	1.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
1878	**2**	0.0	0.0	0.0	2.5	1.5	0.0	6.8	9.2	0.1	14.3	12.7	0.0
1878	**3**	0.0	0.0	0.0	0.0	0.0	0.0	19.5	6.4	0.0	0.0	0.0	0.0
1878	**4**	0.0	0.0	0.0	0.0	2.0	0.0	3.2	0.0	0.0	0.0	0.0	0.5
1878	**5**	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1878	**6**	0.0	0.0	0.0	0.0	0.0	5.8	0.0	2.6	0.0	0.0	7.2	0.0
1878	**7**	0.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2.2	5.4
1878	**8**	10.6	0.0	0.0	0.0	0.7	0.0	0.6	0.0	0.0	0.0	0.0	0.2
1878	**9**	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	11.3
1878	**10**	0.2	0.0	0.0	0.0	0.0	0.0	5.6	0.0	5.9	0.0	0.0	0.4
1878	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	3.4	4.5	0.0
1878	**12**	0.0	0.0	0.0	0.0	10.3	0.0	0.0	20.5	0.0	0.0	4.4	4.1
1878	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	6.9	0.0
1878	**14**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.2	13.7	22.7	0.0
1878	**15**	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	35.2	0.3	0.0	0.0
1878	**16**	0.0	0.0	0.0	0.5	0.1	19.1	0.0	0.0	0.0	0.0	22.5	15.8
1878	**17**	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	2.0	0.0
1878	**18**	0.0	0.0	0.0	4.3	0.0	24.3	0.0	0.0	0.0	9.0	1.3	6.7
1878	**19**	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	3.4	0.0
1878	**20**	0.0	0.0	0.0	0.0	0.0	4.4	0.0	3.5	6.2	0.0	12.0	12.0
1878	**21**	0.0	0.0	0.0	22.7	0.0	16.1	0.4	0.3	25.5	0.5	5.7	1.4
1878	**22**	0.0	0.0	0.0	1.4	7.7	0.0	0.0	0.8	3.1	5.6	10.4	0.1
1878	**23**	0.4	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1878	**24**	0.0	0.0	6.6	42.5	0.2	2.2	0.0	0.0	29.1	0.0	0.0	0.0
1878	**25**	0.0	0.0	0.2	4.8	9.5	2.6	0.5	0.0	11.7	0.0	3.2	0.0
1878	**26**	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	2.4	3.7	9.6	0.0
1878	**27**	0.0	0.0	0.0	33.2	0.0	4.1	1.4	0.0	0.0	0.9	6.0	4.0
1878	**28**	0.0	0.0	1.4	0.0	11.4	5.4	0.0	0.0	0.0	2.7	0.0	0.0
1878	**29**	0.0		32.9	0.0	0.3	0.1	1.9	0.0	0.0	0.0	12.0	2.5
1878	**30**	0.0		3.7	0.5	0.0	0.1	0.0	0.0	0.0	3.8	0.0	3.1
1878	**31**	0.0		7.0		0.0		0.0	0.1		0.0		0.0
1879	**1**	0.0	0.0	0.0	0.0	0.4	4.0	0.0	0.0	0.0	0.0	1.1	4.9
1879	**2**	2.0	0.8	0.0	9.7	1.8	0.0	0.0	0.0	34.6	0.0	1.3	0.0
1879	**3**	0.0	3.2	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	15.5	5.7
1879	**4**	8.9	8.4	0.0	11.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1879	**5**	3.5	0.4	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1879	**6**	3.1	3.1	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
1879	**7**	0.0	0.0	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1879	**8**	0.0	0.0	0.0	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1879	**9**	0.0	0.0	0.0	0.0	11.3	3.2	0.0	0.0	1.9	0.0	0.0	0.0
1879	**10**	1.4	0.7	0.0	0.0	3.7	0.0	4.4	0.0	0.0	0.0	0.0	0.0
1879	**11**	0.0	1.2	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1879	**12**	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1879	**13**	0.0	0.0	0.0	0.0	1.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0
1879	**14**	0.0	1.2	0.0	8.5	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0
1879	**15**	0.0	22.6	0.0	6.0	0.0	0.0	2.2	0.0	0.0	1.7	0.0	0.0
1879	**16**	0.0	19.0	0.0	0.3	2.5	0.0	0.0	0.0	0.6	32.5	0.0	0.0
1879	**17**	0.0	9.9	0.0	5.8	21.5	1.2	0.0	30.4	39.6	10.3	0.0	5.0
1879	**18**	0.0	0.0	0.0	0.5	3.3	1.8	0.0	1.0	11.5	0.0	0.0	0.0
1879	**19**	0.0	0.0	0.4	0.2	0.0	12.3	0.0	0.0	0.0	0.0	5.3	0.0
1879	**20**	0.0	2.0	1.1	0.0	0.2	0.0	0.0	0.0	0.0	0.3	3.2	0.0
1879	**21**	0.0	3.9	6.0	14.2	0.1	0.0	0.0	0.0	0.7	0.2	0.0	0.0
1879	**22**	11.2	1.3	19.2	9.4	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
1879	**23**	2.8	12.1	3.4	7.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
1879	**24**	0.2	0.1	4.0	18.7	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
1879	**25**	0.0	26.3	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1879	**26**	0.4	0.1	8.0	3.2	43.3	0.0	0.0	0.5	42.0	0.0	5.3	0.0
1879	**27**	0.0	0.0	14.7	5.5	19.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1879	**28**	13.4	1.1	0.7	31.7	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1879	**29**	0.0		0.0	1.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1879	**30**	6.3		0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	16.0	0.0
1879	**31**	5.4		0.0		3.7		0.0	0.0		4.8		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1876	1	0.0	0.0	0.0	4.4	0.3	1.9	1.2	0.0	0.0	0.0	0.0	0.0
1876	2	0.0	0.0	5.3	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0
1876	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
1876	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
1876	5	0.0	3.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1876	6	1.7	1.7	0.3	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	16.0
1876	7	5.4	0.0	0.0	0.0	19.2	0.0	0.0	0.0	0.0	0.0	0.0	11.9
1876	8	8.3	0.0	0.0	0.0	22.4	0.7	8.2	0.0	0.0	0.0	5.2	1.1
1876	9	8.6	0.0	1.1	0.0	10.5	40.0	19.9	0.0	0.0	0.0	2.0	1.5
1876	10	4.0	11.6	7.6	0.0	0.7	22.5	0.0	0.0	5.8	0.0	2.9	0.0
1876	11	0.0	0.0	0.0	0.0	0.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0
1876	12	16.5	0.0	0.0	0.0	13.9	0.1	45.1	0.0	11.9	0.5	0.0	0.0
1876	13	49.3	0.0	0.0	0.0	5.4	0.5	0.0	0.0	0.0	0.5	0.0	0.0
1876	14	20.8	0.0	1.6	0.0	0.5	0.0	0.0	5.9	28.9	0.5	0.0	0.0
1876	15	0.0	0.0	0.0	14.8	4.6	0.0	0.0	0.0	0.0	0.3	0.0	0.0
1876	16	0.0	0.0	0.0	7.6	1.6	1.6	0.0	0.3	0.0	0.2	0.0	0.2
1876	17	0.0	0.0	0.1	11.5	0.0	5.7	0.8	0.0	0.0	0.1	21.0	0.0
1876	18	0.0	0.0	4.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	8.6	1.2
1876	19	0.0	0.0	11.3	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4
1876	20	0.0	0.0	0.0	11.7	0.0	0.0	0.8	0.0	0.0	0.3	5.7	1.1
1876	21	0.5	0.0	0.0	6.2	0.0	0.8	0.8	0.0	0.0	0.0	13.9	23.9
1876	22	12.6	0.0	7.5	7.0	0.0	0.0	0.0	3.5	0.0	2.9	0.4	0.8
1876	23	0.0	7.9	11.4	6.6	0.0	1.0	0.0	12.5	0.0	0.4	0.0	0.0
1876	24	0.0	2.4	14.7	2.7	0.0	9.7	0.0	2.7	0.0	0.0	0.0	20.0
1876	25	0.0	0.0	15.5	0.0	5.0	7.8	38.1	31.5	0.0	0.0	0.0	0.0
1876	26	0.0	0.4	0.0	3.5	0.0	18.0	7.3	0.0	0.0	0.0	0.0	0.0
1876	27	0.0	0.0	0.0	3.5	1.5	0.6	0.0	1.1	0.0	0.0	10.1	0.0
1876	28	0.0	0.0	0.0	0.0	0.3	0.0	0.0	10.2	0.0	0.0	17.2	0.0
1876	29	0.0	0.0	1.1	0.7	0.0	0.7	5.0	0.0	0.0	0.0	11.7	0.0
1876	30	0.0		0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.3	0.0
1876	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1877	1	0.0	0.0	0.0	0.0	8.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0
1877	2	4.5	0.0	0.0	0.0	2.5	19.2	0.8	2.1	0.0	0.0	0.0	22.9
1877	3	0.3	0.0	0.0	0.0	0.0	0.0	3.3	1.3	0.0	0.0	0.0	33.3
1877	4	0.8	0.0	8.8	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.9
1877	5	6.3	0.0	23.4	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	6.4
1877	6	2.3	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
1877	7	1.1	0.0	11.0	0.0	2.7	0.0	8.9	0.0	0.0	0.0	0.0	0.0
1877	8	0.0	0.0	1.5	0.0	4.2	0.0	10.2	0.0	18.6	1.3	0.0	0.0
1877	9	0.8	0.0	0.0	0.0	0.4	0.0	0.0	7.0	0.0	0.0	0.0	0.0
1877	10	0.7	0.0	0.0	7.6	0.0	0.0	0.0	0.0	6.3	0.0	0.8	0.0
1877	11	0.9	0.0	0.0	7.3	4.1	0.0	0.0	0.0	0.0	0.0	24.9	0.0
1877	12	1.9	0.0	0.0	8.4	1.1	0.0	0.0	0.9	0.0	0.0	1.7	0.0
1877	13	0.0	0.0	0.0	0.0	0.3	0.3	1.9	0.0	0.0	0.0	21.4	3.6
1877	14	0.0	0.0	0.0	0.8	0.0	0.2	0.0	0.0	0.0	0.0	7.8	0.0
1877	15	0.0	0.0	0.0	0.2	5.9	0.3	33.1	0.0	0.0	0.0	0.0	0.0
1877	16	0.0	0.0	0.0	4.7	1.7	0.0	0.0	0.0	14.8	0.7	0.0	0.0
1877	17	0.0	0.0	0.0	45.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1877	18	0.0	13.6	0.2	14.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1877	19	0.0	0.0	0.1	8.0	19.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1877	20	0.0	5.0	6.4	0.4	25.4	0.0	0.1	0.0	0.0	0.0	6.3	0.0
1877	21	2.7	7.3	0.2	0.0	12.3	0.0	0.0	0.0	0.3	0.0	16.8	0.0
1877	22	0.0	0.0	5.3	0.0	56.0	0.0	0.0	0.0	17.3	0.0	0.0	0.0
1877	23	0.0	0.0	10.6	0.0	11.1	35.0	0.0	0.0	1.5	0.0	0.0	0.0
1877	24	0.0	0.0	0.0	1.3	49.6	25.1	0.0	0.3	0.0	4.5	0.0	1.8
1877	25	0.0	0.0	1.9	0.0	3.0	0.0	15.4	0.0	0.0	0.2	6.4	0.3
1877	26	7.2	0.0	12.5	0.0	2.2	7.0	0.0	0.0	0.0	0.0	0.0	0.0
1877	27	1.8	2.4	3.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1877	28	0.0	0.1	0.0	4.1	0.0	0.0	9.0	0.0	0.0	0.0	3.4	0.0
1877	29	0.0		0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0
1877	30	0.0		0.0	12.6	0.9	0.0	0.0	0.0	0.0	0.0	13.3	0.0
1877	31	0.0		0.0		0.5		0.0	7.6		0.0		1.5

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1880	**1**	0.0	0.0	0.0	0.0	11.7	2.4	0.0	0.0	0.2	0.0	0.0	0.0
1880	**2**	0.0	0.0	0.0	22.1	7.6	4.8	0.0	28.3	0.0	0.0	0.0	0.0
1880	**3**	0.0	0.0	0.0	0.0	1.8	0.1	0.0	3.1	0.0	0.0	0.0	0.0
1880	**4**	0.0	0.0	0.0	0.0	4.8	0.3	0.0	0.0	0.0	0.0	15.2	0.0
1880	**5**	0.0	0.0	0.0	9.9	0.0	6.3	0.0	0.0	0.0	0.0	6.1	0.0
1880	**6**	0.0	0.0	0.0	6.2	4.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1880	**7**	0.0	0.0	0.0	23.9	2.6	0.0	0.0	8.5	0.0	0.0	0.4	0.0
1880	**8**	0.0	0.0	0.0	7.1	10.5	0.0	0.0	0.0	0.0	17.1	0.7	0.0
1880	**9**	0.0	0.0	0.0	2.2	3.9	0.0	0.0	0.0	27.0	0.0	22.7	0.0
1880	**10**	0.0	0.5	0.0	9.5	0.1	0.0	0.0	1.4	2.7	2.1	0.0	0.0
1880	**11**	0.0	16.8	0.0	0.0	13.8	1.6	0.0	0.0	1.4	0.6	0.0	0.0
1880	**12**	0.0	1.9	0.0	0.0	0.0	3.9	0.0	0.2	0.8	15.0	0.0	0.0
1880	**13**	0.0	7.9	0.0	0.0	0.0	0.0	0.8	0.0	16.4	0.0	0.0	0.0
1880	**14**	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
1880	**15**	0.0	0.0	0.0	0.0	0.0	6.9	0.0	1.7	3.6	0.0	0.0	0.0
1880	**16**	0.0	0.0	0.0	0.0	0.0	4.2	0.0	5.7	1.9	0.0	0.0	0.0
1880	**17**	0.0	0.0	0.0	33.8	0.0	0.0	0.0	0.5	0.0	0.0	7.0	1.9
1880	**18**	0.0	8.6	0.0	0.0	15.5	1.6	0.0	0.0	0.0	0.0	1.3	1.0
1880	**19**	0.0	0.0	0.0	0.0	7.4	0.0	0.0	5.1	0.0	0.0	9.2	0.2
1880	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.2
1880	**21**	0.0	0.0	0.0	0.0	0.0	8.5	0.0	11.1	0.5	0.0	26.0	1.3
1880	**22**	0.0	0.3	0.0	0.0	0.0	13.1	7.9	0.0	0.0	0.0	17.1	0.0
1880	**23**	0.0	9.4	0.0	0.0	0.0	5.7	0.6	17.0	0.0	0.0	0.0	0.0
1880	**24**	0.0	2.1	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.9	0.0	2.7
1880	**25**	0.0	2.5	0.0	0.0	0.0	0.1	0.0	1.3	2.1	0.0	0.0	0.0
1880	**26**	0.0	0.0	0.0	0.0	0.0	4.1	0.0	3.6	0.0	0.0	0.0	0.0
1880	**27**	0.0	0.0	0.0	1.3	0.0	0.0	0.3	0.0	18.8	0.0	0.0	0.0
1880	**28**	0.6	0.0	0.1	1.8	0.0	0.0	0.0	7.0	0.0	0.2	0.0	0.0
1880	**29**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	33.0	0.0	0.0	0.0	0.7
1880	**30**	0.0		0.0	22.9	10.8	0.0	0.0	0.0	0.0	0.3	0.0	2.6
1880	**31**	0.0		0.0		2.4		15.1	0.0		0.0		0.0
1881	**1**	0.0	0.0	9.3	2.2	0.0	0.0	7.0	0.0	37.3	6.2	0.0	5.6
1881	**2**	0.0	0.0	14.7	7.7	0.0	0.0	0.0	0.0	16.0	2.1	0.0	0.0
1881	**3**	4.4	0.0	0.0	1.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1881	**4**	9.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.2	3.3	0.0	0.0
1881	**5**	40.2	0.0	0.0	1.1	13.9	0.0	0.0	0.0	0.2	13.0	0.0	0.0
1881	**6**	18.8	1.0	0.0	0.1	0.0	6.6	0.0	0.0	0.0	1.6	0.0	0.0
1881	**7**	0.0	3.8	0.0	3.1	0.0	4.4	0.0	0.0	12.7	0.0	0.0	0.0
1881	**8**	0.0	0.0	0.0	12.4	0.0	1.8	0.0	0.0	0.0	2.0	0.2	0.0
1881	**9**	0.0	0.0	0.0	1.2	10.9	7.7	5.4	0.7	0.0	10.4	0.0	0.0
1881	**10**	0.0	0.0	0.0	4.0	0.6	0.4	0.0	0.0	0.2	0.2	0.0	1.3
1881	**11**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	16.0	2.7	0.0	5.9
1881	**12**	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	2.3	0.0	0.0	23.5
1881	**13**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.9	0.0	0.0	0.0	7.7
1881	**14**	0.0	0.0	0.0	0.9	0.0	6.8	0.0	11.0	0.0	0.0	0.0	0.0
1881	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0
1881	**16**	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	4.5	0.0	0.0	0.0
1881	**17**	0.0	0.1	0.0	0.0	22.7	0.0	0.0	6.7	0.0	4.9	0.0	0.0
1881	**18**	30.0	0.3	0.0	0.0	0.2	0.1	0.0	2.0	0.0	0.0	0.0	0.0
1881	**19**	25.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1881	**20**	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
1881	**21**	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
1881	**22**	1.0	0.0	1.4	0.2	0.0	0.0	13.4	0.0	2.0	39.4	0.0	0.0
1881	**23**	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1881	**24**	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	10.4	0.0	0.0
1881	**25**	0.0	0.0	19.9	0.0	0.0	2.7	0.0	0.0	0.0	0.1	0.0	0.0
1881	**26**	25.0	0.0	0.4	0.0	1.4	6.9	0.0	0.0	0.0	0.1	0.0	0.0
1881	**27**	30.0	0.1	0.4	5.9	11.1	3.1	0.0	0.0	0.0	11.4	0.0	0.0
1881	**28**	65.0	2.9	0.0	0.2	0.0	0.0	0.0	11.9	0.0	0.1	0.4	0.0
1881	**29**	0.4		0.0	0.2	4.0	3.8	0.0	0.0	12.6	0.8	0.3	0.0
1881	**30**	13.4		10.7	0.0	1.8	0.6	0.0	0.0	1.3	7.4	0.6	0.0
1881	**31**	0.8		5.7		0.0		0.0	0.0		4.7		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1882	1	1.5	0.0	10.6	0.0	0.0	0.0	1.3	0.0	0.3	0.0	0.0	0.0
1882	2	0.0	0.0	0.0	0.3	0.0	0.0	13.6	0.0	0.0	0.0	0.0	3.9
1882	3	0.0	0.0	9.2	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0
1882	4	1.8	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	3.7
1882	5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	6.3	0.0	0.6
1882	6	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	3.5	0.0	0.5
1882	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	7.6	0.0	15.5
1882	8	2.6	0.0	0.0	0.0	0.6	12.3	0.0	0.0	0.8	14.1	0.0	0.0
1882	9	0.0	0.0	0.0	0.0	0.5	22.8	0.0	0.0	0.0	0.0	1.7	10.3
1882	10	0.0	0.0	0.0	12.4	11.4	0.9	0.0	0.0	0.0	0.0	0.0	6.8
1882	11	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	2.1	0.0	0.0	4.0
1882	12	0.0	0.0	0.0	0.0	0.0	0.6	1.0	0.0	9.8	13.9	0.0	0.0
1882	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.3	0.0	0.0
1882	14	0.0	0.0	0.0	0.0	1.1	0.8	0.0	0.0	0.2	3.0	3.4	0.0
1882	15	0.0	0.0	0.0	14.7	1.7	0.0	0.0	27.1	29.7	3.9	21.8	0.4
1882	16	0.0	0.8	0.0	1.6	0.0	0.0	0.0	1.3	8.7	0.0	5.7	2.8
1882	17	0.0	0.0	0.0	0.0	0.0	2.5	0.0	7.0	61.3	0.5	4.6	0.0
1882	18	0.0	0.0	0.0	10.9	0.0	1.7	0.0	0.5	18.8	0.9	0.2	0.0
1882	19	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1882	20	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	6.0	0.0	0.0	0.0
1882	21	0.0	0.0	0.0	0.0	0.0	1.0	0.0	36.1	5.8	0.0	0.0	0.0
1882	22	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.6	0.0	0.0	2.1
1882	23	0.0	0.0	12.6	0.2	0.0	0.0	0.0	0.0	0.0	3.5	0.0	7.9
1882	24	0.0	0.0	13.8	0.0	6.1	0.9	0.0	0.0	5.4	0.0	0.3	0.0
1882	25	0.0	0.0	5.4	0.0	0.2	0.5	0.0	2.4	0.3	3.0	0.1	0.0
1882	26	0.0	0.0	0.6	9.7	0.0	0.0	0.0	0.0	4.2	0.0	3.8	0.0
1882	27	0.0	32.4	16.6	14.0	0.0	0.0	0.0	1.4	7.8	11.9	3.7	0.0
1882	28	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	11.1	32.6	3.5	0.0
1882	29	0.0		0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1882	30	0.0		0.0	0.0	0.0	3.4	17.8	7.6	0.0	9.7	0.3	0.0
1882	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1883	1	0.0	0.8	0.0	0.6	3.4	0.0	0.0	0.5	0.4	3.1	0.0	0.0
1883	2	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1883	3	0.0	0.3	0.0	0.0	24.0	0.0	0.0	2.0	0.0	8.7	0.0	0.0
1883	4	0.0	3.1	0.0	0.0	0.1	0.0	0.0	15.6	0.0	4.4	0.0	0.0
1883	5	0.0	0.0	0.0	0.0	0.2	5.2	0.0	0.0	18.6	2.8	1.9	0.0
1883	6	0.0	0.0	0.0	0.0	0.9	40.1	7.9	0.0	8.0	1.7	0.0	0.0
1883	7	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	2.7	1.5	0.0
1883	8	0.0	0.0	0.0	0.0	21.2	0.0	0.0	5.0	0.0	0.0	8.7	0.0
1883	9	0.0	0.4	2.2	0.0	2.4	0.0	0.0	0.0	0.0	0.0	4.1	0.0
1883	10	2.0	2.9	8.8	0.5	2.1	0.0	10.7	0.1	0.0	0.0	0.0	6.6
1883	11	28.3	12.7	0.0	0.0	0.0	7.4	29.2	0.0	0.0	0.0	2.0	0.0
1883	12	5.5	15.1	0.0	0.0	0.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0
1883	13	1.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1883	14	24.0	18.8	0.0	0.0	0.0	1.5	0.0	0.0	2.1	0.0	0.0	0.0
1883	15	0.4	0.0	0.0	0.0	0.0	4.6	0.0	0.0	5.7	0.0	0.0	0.0
1883	16	18.8	0.0	0.0	0.0	0.0	0.0	3.9	11.3	1.0	0.0	0.0	1.3
1883	17	1.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	5.1
1883	18	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0	2.4
1883	19	0.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1883	20	0.0	0.0	4.4	0.0	1.3	0.0	2.0	0.0	0.0	0.0	0.0	0.0
1883	21	0.0	0.0	3.6	0.0	0.0	0.0	0.1	0.0	1.9	0.0	0.0	0.0
1883	22	0.0	0.0	6.7	0.0	0.0	2.9	0.0	0.0	0.0	4.8	0.0	0.0
1883	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0
1883	24	0.0	0.0	0.0	49.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
1883	25	0.0	0.0	0.0	1.2	0.0	0.0	0.5	0.7	0.0	0.0	0.0	0.0
1883	26	0.0	0.0	13.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1883	27	0.0	0.0	0.7	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.8	0.0
1883	28	0.0	0.0	9.2	0.8	5.6	0.0	4.6	0.0	5.1	0.0	4.9	0.0
1883	29	0.0		0.0	1.7	0.4	0.6	0.0	0.0	11.3	0.0	0.0	0.0
1883	30	0.0		0.0	10.1	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1883	31	8.8		0.0		0.0		1.0	13.3		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1884	1	0.0	0.0	12.6	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1884	2	0.0	0.0	1.0	0.0	0.0	0.4	0.0	0.0	14.1	0.0	0.0	0.0
1884	3	0.0	0.0	0.3	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0
1884	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	14.8	0.0	0.0
1884	5	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.1	0.0	3.8
1884	6	0.0	0.0	0.0	0.0	4.2	6.3	7.9	0.0	0.0	36.9	0.0	0.0
1884	7	0.0	0.0	0.0	1.0	0.0	0.0	1.7	0.0	0.0	0.3	0.0	0.0
1884	8	0.0	0.0	0.0	1.3	0.0	20.4	0.0	21.9	0.0	11.7	0.0	0.0
1884	9	0.0	0.0	0.0	0.8	0.0	0.0	3.5	0.0	32.4	0.0	0.0	0.2
1884	10	0.0	0.0	0.0	0.5	0.0	1.8	4.1	0.0	0.8	0.5	0.0	1.1
1884	11	0.0	0.0	0.0	5.9	0.0	0.1	0.0	0.0	1.9	0.0	0.0	0.0
1884	12	0.0	0.2	0.0	0.6	0.0	21.0	0.0	0.0	16.3	0.1	0.0	1.1
1884	13	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	1.6	0.0	0.0	0.0
1884	14	0.0	0.0	0.0	0.0	0.0	14.7	0.0	0.0	0.2	0.0	0.0	0.0
1884	15	0.0	3.4	0.0	1.4	4.2	0.4	0.0	12.8	0.0	0.0	0.0	0.0
1884	16	0.0	1.3	0.0	2.3	0.0	61.9	0.0	0.0	0.0	0.0	0.0	0.0
1884	17	0.0	0.0	0.0	4.7	0.0	2.0	0.0	0.0	0.0	0.0	0.0	6.0
1884	18	0.0	0.0	0.0	14.6	2.2	0.4	0.0	0.0	0.0	0.0	0.0	6.1
1884	19	0.0	0.0	0.0	9.3	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1884	20	0.0	0.0	0.0	0.5	0.0	0.0	6.3	18.3	0.0	0.0	4.3	24.2
1884	21	0.0	0.0	0.6	8.5	0.0	0.9	0.0	0.6	0.0	0.0	0.0	2.8
1884	22	0.0	0.0	19.9	2.2	0.0	0.7	0.0	0.0	0.1	0.0	3.0	4.8
1884	23	0.0	0.0	0.0	2.9	0.0	23.0	0.0	0.0	7.9	3.9	0.8	0.3
1884	24	0.0	0.0	0.0	3.5	0.0	11.5	0.0	0.0	0.8	0.0	0.0	0.0
1884	25	0.0	3.2	0.0	3.4	0.0	0.0	5.2	0.0	13.4	0.0	0.0	0.2
1884	26	0.0	0.0	0.0	31.0	14.0	0.0	2.7	0.0	0.1	0.0	0.0	0.0
1884	27	8.5	0.0	0.0	2.1	0.8	0.0	1.3	25.2	0.8	0.0	0.0	0.0
1884	28	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	0.5
1884	29	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	4.6
1884	30	0.0		0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	7.8
1884	31	0.0		0.0		13.9		1.5	0.0		0.0		2.5
1885	1	0.0	4.9	0.0	0.0	8.4	3.6	0.2	2.4	7.0	0.0	16.4	0.0
1885	2	0.0	1.1	0.0	0.0	0.0	0.0	2.6	4.9	0.0	6.8	0.7	0.0
1885	3	0.0	18.1	0.0	0.9	2.3	0.0	0.0	0.0	0.0	0.0	6.3	0.0
1885	4	0.0	0.1	1.9	0.0	1.9	0.0	0.0	19.6	23.9	0.0	10.9	0.0
1885	5	0.0	0.0	0.6	1.1	4.8	0.0	4.2	19.4	12.8	0.0	3.5	0.0
1885	6	0.0	0.0	0.7	0.6	0.2	0.0	12.5	0.0	0.0	0.0	6.6	0.1
1885	7	0.0	0.0	0.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	1.1
1885	8	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	3.7	0.0	4.5	3.3
1885	9	0.0	0.2	0.0	15.0	0.0	0.0	0.0	0.0	0.0	7.5	1.1	0.7
1885	10	0.0	1.6	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.7	0.3	7.8
1885	11	3.1	0.0	0.0	0.0	0.0	0.5	0.0	0.0	5.4	8.4	0.0	0.0
1885	12	0.2	0.0	0.0	22.7	0.0	0.0	0.0	0.0	0.0	10.2	0.0	0.0
1885	13	9.0	0.0	0.0	21.8	1.3	0.0	0.0	1.3	0.0	1.1	0.0	0.0
1885	14	0.7	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	5.1	0.0	0.0
1885	15	5.7	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	22.2	0.0	0.0
1885	16	15.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	8.7	0.5	0.0
1885	17	29.1	3.5	0.0	8.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1885	18	10.4	5.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1885	19	0.0	0.2	1.0	0.0	2.6	0.4	0.0	0.0	0.0	0.0	3.0	0.0
1885	20	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	7.8	0.0
1885	21	0.0	2.2	0.0	0.0	1.7	24.3	0.0	4.7	0.0	6.5	19.4	0.0
1885	22	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0	1.5	19.5	0.0
1885	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	9.4	10.5	0.0
1885	24	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.6	2.5
1885	25	0.0	0.0	37.6	0.0	0.0	0.0	0.0	0.0	1.5	27.4	0.0	0.0
1885	26	0.0	0.0	6.7	0.2	0.0	0.0	0.0	0.0	14.0	0.0	0.5	0.0
1885	27	0.0	0.0	0.6	7.8	0.0	0.0	1.5	0.0	21.8	0.0	0.1	0.0
1885	28	0.0	0.0	0.6	4.6	0.0	0.0	0.0	2.9	25.7	0.0	0.0	0.0
1885	29	0.0		1.1	4.1	0.0	2.3	0.0	11.4	0.0	0.3	0.0	0.0
1885	30	0.0		7.5	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4
1885	31	2.2		0.0		0.0		0.0	1.3		0.3		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1886	1	0.0	0.2	4.2	0.0	0.0	0.0	0.7	1.3	0.0	0.0	0.0	14.6
1886	2	0.0	4.2	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	9.1
1886	3	0.0	0.0	4.8	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	5.0
1886	4	0.0	0.0	1.0	0.0	0.0	0.3	0.0	22.6	0.0	0.0	0.8	0.0
1886	5	1.7	0.0	0.0	0.0	0.0	0.8	0.0	11.6	0.0	0.0	9.2	0.6
1886	6	0.2	0.0	0.0	1.4	0.0	11.6	0.0	0.0	0.0	48.2	10.6	0.0
1886	7	0.5	0.0	0.0	1.5	0.0	0.5	0.0	0.0	0.0	13.7	9.2	0.0
1886	8	15.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.1	0.0	10.8
1886	9	3.4	0.0	0.0	5.3	0.0	8.1	1.9	0.0	0.0	0.6	0.0	7.1
1886	10	1.2	1.6	0.0	15.9	0.0	6.0	0.0	0.0	0.0	0.0	1.3	0.0
1886	11	0.0	0.0	0.0	6.2	0.0	8.1	3.3	0.0	0.0	0.0	23.8	0.0
1886	12	0.0	0.9	0.0	1.2	0.0	0.0	0.9	5.2	0.0	0.0	12.8	0.0
1886	13	0.0	0.0	0.0	1.5	2.3	5.7	0.0	0.0	0.0	7.3	4.8	0.0
1886	14	0.0	0.1	13.8	0.8	4.3	18.0	0.0	0.0	0.0	1.8	0.0	0.0
1886	15	0.0	0.0	31.8	0.6	7.7	0.0	17.2	0.0	0.0	0.0	0.0	1.0
1886	16	0.0	0.0	3.6	0.3	2.0	0.8	0.0	0.0	0.0	24.1	0.0	2.5
1886	17	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	4.0	0.3
1886	18	0.0	0.0	0.0	0.0	0.0	0.4	0.0	16.1	0.0	4.6	0.0	2.0
1886	19	17.1	0.0	0.0	0.0	0.0	24.2	0.0	0.8	0.0	5.9	0.0	0.0
1886	20	0.0	0.0	0.0	7.0	0.0	10.1	0.0	0.1	0.0	0.0	0.0	5.2
1886	21	0.0	3.9	0.0	11.6	0.0	4.3	0.0	0.3	0.7	9.2	0.0	7.3
1886	22	19.8	0.3	0.0	11.2	0.0	15.9	0.0	20.3	1.7	0.6	0.0	0.3
1886	23	11.8	0.0	0.0	0.0	0.0	0.1	0.0	0.6	7.8	0.0	0.0	0.0
1886	24	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.6	0.0	0.0	0.0
1886	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.6	0.3	0.0	0.0	1.2
1886	26	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1886	27	12.5	0.0	0.0	0.0	0.0	10.4	4.5	0.0	0.0	24.2	0.0	2.4
1886	28	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9
1886	29	24.5		0.0	0.0	1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.4
1886	30	3.8		1.2	1.7	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1886	31	0.0		0.0		4.9		0.0	0.0		0.0		0.0
1887	1	0.0	0.6	0.0	0.0	0.0	0.0	33.4	0.0	0.0	0.0	9.0	8.4
1887	2	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	37.1	0.0
1887	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	3.7	0.0
1887	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.2	0.0	14.2
1887	5	1.4	0.0	0.0	0.0	2.8	0.0	10.4	0.0	3.8	7.0	42.3	0.0
1887	6	3.6	0.0	0.0	2.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1887	7	0.0	0.1	0.0	10.2	21.5	0.0	0.0	0.0	0.0	0.0	4.4	2.7
1887	8	0.7	0.0	0.0	28.5	0.2	0.0	0.0	0.0	0.0	0.0	22.2	1.0
1887	9	22.1	0.0	0.0	2.5	1.1	0.0	0.0	0.0	2.3	0.0	0.4	0.0
1887	10	9.2	10.9	0.0	0.0	2.0	0.0	0.0	0.0	20.8	36.6	0.0	0.0
1887	11	3.8	4.4	0.0	0.0	1.1	17.9	0.0	0.0	0.0	0.1	0.0	0.0
1887	12	0.0	19.3	1.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1887	13	0.0	0.7	1.0	0.0	0.2	0.0	0.0	0.0	2.5	2.3	0.0	0.0
1887	14	0.0	0.0	14.2	0.0	7.3	0.0	0.0	0.3	6.3	10.9	12.1	0.0
1887	15	0.0	0.0	7.9	10.4	21.2	0.0	0.0	0.0	0.0	11.6	4.6	22.8
1887	16	0.8	0.0	4.0	2.8	0.0	0.0	0.0	0.0	0.0	18.3	0.0	0.0
1887	17	0.0	0.0	6.8	1.4	0.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1887	18	0.0	0.0	3.7	0.0	8.2	0.0	0.1	2.6	0.0	0.0	3.4	0.0
1887	19	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	9.2	4.8
1887	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0
1887	21	0.0	0.0	0.0	0.0	1.9	10.2	0.0	42.1	0.0	0.0	2.5	0.0
1887	22	0.0	0.0	1.5	0.0	0.0	3.2	0.0	0.0	0.0	0.4	0.0	5.2
1887	23	0.0	0.0	2.1	0.2	0.0	0.0	0.0	0.0	0.0	3.5	7.1	14.8
1887	24	0.0	0.0	0.3	0.0	9.4	0.0	0.0	0.0	0.0	1.6	5.6	2.1
1887	25	0.0	0.0	3.6	0.0	0.3	0.0	0.0	0.0	0.0	5.2	14.5	0.0
1887	26	0.0	0.0	0.0	5.5	0.0	0.1	0.2	0.0	0.0	0.0	0.0	2.1
1887	27	0.0	0.0	0.0	0.0	10.2	16.3	0.0	0.0	0.6	0.0	0.7	1.4
1887	28	0.0	0.0	2.3	0.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1887	29	0.0		0.0	0.0	3.3	27.5	0.0	0.0	7.8	0.0	0.0	0.0
1887	30	0.0		0.0	0.0	0.0	5.8	0.0	0.0	2.9	0.5	0.0	0.0
1887	31	0.0		0.0		0.0		0.0	0.0		12.5		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1888	1	0.0	0.0	0.0	0.2	3.2	0.0	0.5	0.7	8.7	6.0	0.0	38.3
1888	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	5.3	0.0
1888	3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	4.8	0.0
1888	4	0.0	0.0	0.0	12.2	2.9	0.0	0.0	0.1	0.0	10.4	0.0	0.0
1888	5	0.0	0.0	0.0	0.0	16.0	0.0	1.2	0.3	0.0	7.6	0.0	0.0
1888	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
1888	7	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.7	2.1	28.0	0.0
1888	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.5	15.1	0.0	0.0
1888	9	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	7.2	2.2	0.0	0.0
1888	10	0.0	0.0	2.9	14.5	0.0	0.2	0.9	0.0	1.3	2.1	0.0	0.0
1888	11	0.0	0.0	0.0	6.1	2.4	0.0	19.4	0.0	0.2	0.0	0.0	0.0
1888	12	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1888	13	0.0	0.0	0.0	0.0	0.0	0.0	18.5	0.0	0.0	0.0	0.0	0.0
1888	14	0.0	2.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9	0.0
1888	15	0.0	20.3	5.5	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
1888	16	0.0	4.5	15.4	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
1888	17	0.0	1.7	26.8	0.0	0.0	6.2	8.9	0.0	0.5	0.0	0.0	0.0
1888	18	0.0	2.0	1.4	0.0	0.0	0.0	0.7	6.8	8.8	0.0	0.0	0.0
1888	19	0.0	4.1	1.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1888	20	0.0	20.4	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1888	21	0.0	18.8	12.3	16.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0
1888	22	0.0	0.5	15.7	0.5	3.1	1.3	0.0	0.0	0.0	0.0	0.0	5.8
1888	23	0.0	0.0	10.6	0.3	0.2	1.3	0.1	0.0	0.0	0.0	0.0	4.1
1888	24	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1888	25	0.0	9.6	0.1	0.0	0.0	0.0	0.0	0.0	22.6	0.0	0.0	0.0
1888	26	0.0	4.4	0.0	14.9	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.9
1888	27	0.0	0.0	1.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.5
1888	28	0.7	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
1888	29	0.0	0.0	5.4	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.8	0.0
1888	30	0.0		12.0	0.0	0.0	18.9	0.0	0.0	0.0	0.0	6.6	0.0
1888	31	0.0		4.3		0.0		0.0	0.0		0.0		0.0
1889	1	0.0	0.0	17.7	10.6	0.0	0.0	0.0	0.0	0.0	4.7	9.8	0.0
1889	2	0.0	0.0	0.0	18.4	0.0	23.4	78.8	0.0	0.0	7.7	3.4	0.0
1889	3	0.0	5.7	0.0	5.1	0.0	2.1	2.9	0.0	0.0	0.0	0.0	0.0
1889	4	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0
1889	5	0.0	0.0	0.9	1.9	10.2	0.0	11.4	0.0	13.3	24.9	0.3	0.0
1889	6	0.0	0.0	0.2	6.0	2.7	0.0	0.2	0.0	0.0	7.8	8.1	0.0
1889	7	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	23.5	0.5	0.0
1889	8	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1889	9	0.0	2.5	2.9	1.3	0.4	0.0	0.0	5.5	0.0	0.0	0.0	0.0
1889	10	12.1	0.0	0.7	1.5	0.0	1.6	0.0	3.0	17.5	0.0	0.0	0.0
1889	11	30.7	0.0	14.1	1.5	0.0	0.0	0.0	0.0	0.0	6.5	1.7	0.3
1889	12	0.3	1.3	11.7	4.1	0.0	1.2	0.0	2.8	0.0	1.3	3.1	18.8
1889	13	0.4	1.7	0.0	7.9	0.0	13.3	0.0	0.0	0.0	5.0	0.0	1.6
1889	14	0.8	0.0	0.0	5.2	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
1889	15	0.0	0.0	0.5	0.0	1.0	0.3	0.0	0.0	6.0	0.0	0.0	0.0
1889	16	0.0	0.0	0.0	5.9	2.1	1.4	0.0	0.0	0.2	0.0	0.0	0.0
1889	17	0.0	0.0	0.0	15.2	0.2	21.9	0.0	0.0	0.0	0.0	0.0	0.0
1889	18	0.0	0.0	0.0	0.0	23.5	0.9	15.9	0.0	0.0	11.0	0.0	0.0
1889	19	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.6	0.0	0.0
1889	20	0.0	0.0	1.2	0.0	0.0	2.2	4.3	0.1	0.0	11.1	0.0	0.0
1889	21	5.3	0.0	5.7	0.0	0.0	0.7	0.0	0.0	0.0	12.2	0.0	0.0
1889	22	0.0	0.0	0.0	0.0	1.2	4.7	0.0	0.0	0.0	13.0	0.0	0.0
1889	23	0.0	0.0	3.6	0.9	12.4	11.6	32.3	3.3	0.0	0.0	0.0	0.2
1889	24	0.0	0.0	0.0	0.0	1.2	4.5	0.9	6.9	2.5	0.0	0.0	0.0
1889	25	0.0	0.0	0.0	0.6	2.7	1.3	0.0	0.1	2.2	0.2	0.8	3.8
1889	26	0.0	0.0	3.1	1.4	68.8	0.0	0.3	0.4	0.3	2.1	11.3	0.0
1889	27	0.0	1.5	1.6	0.0	2.3	0.0	12.5	2.6	0.0	0.2	1.1	2.4
1889	28	0.0	3.2	1.4	0.0	0.0	15.1	0.0	0.0	0.0	0.5	0.0	11.0
1889	29	0.0		0.3	0.0	0.0	0.0	0.0	0.0	7.7	16.7	0.0	5.0
1889	30	0.0		0.0	7.6	0.0	2.9	0.0	0.0	2.2	56.0	0.0	1.6
1889	31	0.3		0.0		0.0		0.0	0.0		10.9		0.4

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1890	**1**	13.0	0.0	0.0	0.0	35.4	0.8	2.4	0.0	27.3	0.0	0.5	11.9
1890	**2**	13.5	0.0	0.0	0.0	8.8	2.0	0.0	0.0	1.9	0.0	1.9	19.1
1890	**3**	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.2	3.1	2.2
1890	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.4	0.0	0.1	0.0
1890	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	3.2	0.8
1890	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	4.5	0.0
1890	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1890	**8**	0.0	0.0	0.0	9.7	3.9	2.8	4.7	0.0	0.0	0.0	2.4	0.0
1890	**9**	0.0	0.0	0.0	44.9	10.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
1890	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.8	0.0
1890	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0
1890	**12**	0.0	0.0	0.0	0.4	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0
1890	**13**	0.0	0.0	0.0	0.0	5.4	4.4	1.0	19.6	0.0	0.0	0.0	0.0
1890	**14**	0.0	0.0	0.0	0.0	0.0	0.9	10.6	0.5	0.0	0.0	0.0	0.0
1890	**15**	0.0	0.0	0.0	5.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1890	**16**	0.0	0.0	15.1	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1890	**17**	0.0	0.0	20.9	20.5	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0
1890	**18**	0.0	0.0	22.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9
1890	**19**	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
1890	**20**	0.3	0.0	25.1	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.4
1890	**21**	0.0	0.0	13.5	0.0	0.0	0.0	9.0	0.0	0.0	0.5	0.0	1.4
1890	**22**	0.3	0.0	3.7	0.0	0.2	12.2	0.0	0.0	0.3	0.0	1.6	0.0
1890	**23**	0.2	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
1890	**24**	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
1890	**25**	0.0	0.0	3.7	0.0	7.0	0.0	5.8	6.1	0.0	0.0	0.0	0.0
1890	**26**	0.0	0.0	0.0	6.3	12.8	0.0	3.3	2.6	0.0	1.0	0.0	0.0
1890	**27**	0.0	0.0	0.0	17.2	1.2	0.0	0.0	0.0	0.0	0.5	5.8	0.0
1890	**28**	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	18.1	30.5	0.0
1890	**29**	0.2		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	16.3	0.0
1890	**30**	2.2		0.0	0.0	0.0	2.1	0.0	9.3	0.0	1.2	0.0	0.0
1890	**31**	0.0		0.0		0.0		0.0	4.2		6.5		0.0
1891	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0
1891	**2**	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.6	0.0	0.0	0.0	0.0
1891	**3**	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	55.4	0.0	0.0
1891	**4**	0.0	0.0	19.0	0.0	0.0	0.0	0.5	0.0	0.0	29.9	0.0	0.0
1891	**5**	2.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1891	**6**	2.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	9.2	0.0	0.0	0.0
1891	**7**	2.6	0.0	0.0	10.6	6.6	0.1	0.0	15.2	0.5	0.0	0.0	0.0
1891	**8**	7.3	0.0	0.0	7.0	12.5	0.0	17.6	2.6	0.0	9.7	0.0	0.0
1891	**9**	3.2	0.0	0.0	1.4	1.2	0.0	0.0	0.0	0.0	0.5	0.0	0.0
1891	**10**	1.6	0.0	2.3	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1891	**11**	0.0	0.0	5.7	0.0	0.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0
1891	**12**	0.0	0.0	0.0	0.7	0.0	20.9	0.5	0.0	0.0	0.0	0.9	0.0
1891	**13**	0.0	0.0	0.0	0.6	0.0	0.0	5.5	0.0	0.0	7.0	1.2	0.0
1891	**14**	0.0	0.0	9.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0
1891	**15**	0.0	0.0	3.0	0.0	17.0	0.0	0.0	0.0	0.0	0.7	4.3	0.0
1891	**16**	0.0	0.0	0.0	0.0	0.0	1.9	3.1	0.0	0.1	0.0	0.0	0.0
1891	**17**	0.0	0.0	0.1	0.0	8.5	0.0	0.0	0.0	0.0	0.0	7.5	0.0
1891	**18**	0.0	0.0	4.1	0.3	0.0	0.9	0.6	0.0	0.0	0.0	0.0	0.0
1891	**19**	0.0	0.0	1.1	0.4	0.0	0.9	0.0	0.2	0.0	0.8	0.0	0.0
1891	**20**	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.1	0.0	0.4	0.0	0.0
1891	**21**	0.1	0.0	8.6	0.0	15.5	0.0	0.0	0.0	11.8	0.0	0.0	0.0
1891	**22**	0.0	0.0	7.7	0.0	1.4	0.0	0.0	1.8	2.0	6.6	2.8	0.0
1891	**23**	0.0	0.0	0.8	0.2	9.9	0.0	6.6	9.0	18.7	0.0	5.1	0.0
1891	**24**	0.0	0.0	0.6	2.6	7.3	0.0	18.7	0.2	0.4	0.0	2.2	0.0
1891	**25**	0.0	0.0	0.0	20.3	0.0	0.0	5.4	0.0	0.0	0.3	15.0	0.0
1891	**26**	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	6.4	10.1	5.0
1891	**27**	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	31.0
1891	**28**	0.0	0.0	0.0	34.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
1891	**29**	0.0		0.0	0.5	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
1891	**30**	0.0		0.0	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0
1891	**31**	0.0		0.4		0.0		0.2	6.6		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1892	**1**	0.0	0.0	1.9	0.0	5.4	0.0	16.5	0.0	0.0	1.6	22.0	0.0
1892	**2**	0.0	3.3	46.2	0.0	9.6	0.0	0.0	37.4	0.0	0.8	4.1	0.0
1892	**3**	0.0	13.1	6.7	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1892	**4**	0.0	0.0	0.0	0.0	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1892	**5**	4.1	0.0	0.0	0.0	0.4	0.0	0.0	0.8	10.7	0.0	0.0	3.5
1892	**6**	1.3	0.0	0.0	0.0	8.7	2.2	0.0	0.0	0.2	7.9	0.0	0.0
1892	**7**	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	3.9	0.0	0.0
1892	**8**	0.4	0.0	0.0	0.7	0.6	0.0	0.0	0.0	5.1	0.0	0.0	0.0
1892	**9**	11.9	0.0	5.0	0.4	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0
1892	**10**	12.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1892	**11**	2.8	0.0	3.3	0.0	0.0	0.0	0.0	31.1	0.0	0.0	0.0	0.6
1892	**12**	1.0	0.0	0.0	0.0	0.0	0.0	36.5	0.0	0.0	0.4	0.0	0.0
1892	**13**	6.3	0.0	4.4	7.7	0.0	0.0	20.1	0.0	0.0	0.0	0.0	1.1
1892	**14**	25.9	0.0	16.2	3.3	0.0	0.0	16.1	0.0	0.0	1.1	0.0	9.7
1892	**15**	13.7	0.0	7.5	0.0	0.0	0.4	0.0	0.0	0.0	0.1	0.0	0.0
1892	**16**	0.9	0.0	0.0	35.7	0.0	23.7	0.2	0.0	0.0	0.0	0.0	0.0
1892	**17**	0.0	3.3	0.0	10.2	11.3	0.3	0.4	0.0	0.0	0.3	0.0	0.0
1892	**18**	0.0	0.3	0.0	0.3	0.7	0.0	0.8	0.0	0.0	0.6	0.0	0.0
1892	**19**	2.9	15.6	0.0	1.5	0.0	4.3	0.3	0.0	0.0	7.7	0.0	0.0
1892	**20**	0.0	3.0	0.0	0.0	0.0	0.0	25.7	0.0	0.0	2.7	23.0	0.0
1892	**21**	0.0	14.2	0.0	0.0	0.0	0.0	36.0	0.7	0.0	11.8	0.0	0.0
1892	**22**	0.0	0.1	0.0	0.0	0.0	0.0	1.2	1.2	0.0	0.8	0.0	0.0
1892	**23**	0.0	1.9	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.0
1892	**24**	0.0	10.6	0.0	0.0	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1892	**25**	0.0	6.4	0.0	0.2	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0
1892	**26**	0.0	42.6	6.6	10.8	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
1892	**27**	0.0	0.1	13.1	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1892	**28**	0.0	0.8	4.1	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1892	**29**	0.0	0.0	15.9	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1892	**30**	0.0		31.3	12.0	0.0	0.1	2.0	0.0	0.5	0.0	0.0	0.0
1892	**31**	0.0		0.0		7.8		3.5	0.0		0.0		0.0
1893	**1**	0.1	0.0	0.2	0.0	2.8	4.5	0.0	2.6	0.0	33.7	10.9	16.0
1893	**2**	1.9	0.0	0.0	0.0	0.0	2.2	0.0	2.5	0.0	0.0	0.0	0.1
1893	**3**	0.0	0.0	0.0	0.0	2.8	0.8	5.3	0.0	0.0	1.0	0.0	0.0
1893	**4**	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.9	1.5	0.0	0.0
1893	**5**	0.0	0.0	0.0	0.0	2.1	0.0	0.2	0.0	0.0	0.1	0.0	0.0
1893	**6**	0.0	0.0	0.0	0.0	3.4	0.4	9.6	6.9	0.0	0.0	8.0	0.0
1893	**7**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.5	0.0
1893	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.0	37.9	0.0
1893	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	1.4
1893	**10**	0.0	0.0	0.0	0.0	1.0	2.9	0.0	0.0	0.0	0.0	2.6	3.4
1893	**11**	0.1	0.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0
1893	**12**	0.0	0.0	0.0	0.0	3.5	4.3	0.0	4.7	0.4	0.0	0.0	8.4
1893	**13**	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	2.1	0.0	0.0	0.6
1893	**14**	0.0	0.0	0.2	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0
1893	**15**	0.0	0.0	0.0	0.0	0.0	3.3	2.5	0.0	0.0	0.0	0.0	0.0
1893	**16**	3.0	0.0	16.0	0.0	0.0	0.4	3.1	0.0	0.0	0.0	9.5	0.0
1893	**17**	0.1	0.0	0.2	0.0	0.0	0.0	0.3	0.0	7.9	0.0	0.0	0.0
1893	**18**	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	11.9	0.0
1893	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
1893	**20**	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	7.3	0.0	0.4	1.3
1893	**21**	0.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.5
1893	**22**	0.0	14.9	0.0	0.0	0.0	0.3	5.5	0.0	0.0	0.0	0.0	0.0
1893	**23**	0.0	0.0	0.0	0.0	8.5	0.9	3.8	0.0	0.0	0.0	0.2	0.0
1893	**24**	0.0	4.7	0.0	0.0	5.8	0.3	0.0	0.0	2.2	0.0	5.8	0.0
1893	**25**	0.0	16.2	0.0	0.0	1.8	0.2	0.0	0.0	0.9	0.0	0.0	0.0
1893	**26**	0.0	0.0	1.8	0.0	1.1	0.0	0.0	0.0	20.9	0.0	0.0	0.0
1893	**27**	0.0	1.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	2.2	1.0	0.0
1893	**28**	0.0	3.2	0.0	13.5	0.0	0.0	39.9	2.4	0.0	0.0	0.0	0.0
1893	**29**	3.3		0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0
1893	**30**	1.2		0.0	0.0	0.0	1.4	5.3	0.1	0.4	0.0	3.0	0.0
1893	**31**	0.0		0.0		12.9		2.1	0.1		0.5		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1894	1	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	33.4	0.0	0.0
1894	2	0.2	0.4	0.0	0.0	1.0	0.0	0.3	0.0	0.0	3.8	0.0	0.0
1894	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0
1894	4	0.0	0.0	0.0	0.0	7.0	0.0	0.1	14.5	0.0	0.0	0.0	0.0
1894	5	0.0	0.0	20.4	0.0	0.3	0.0	1.5	0.0	0.0	0.7	0.0	0.0
1894	6	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0
1894	7	3.9	0.0	0.0	0.0	8.0	0.0	7.3	0.0	6.1	0.0	0.0	0.2
1894	8	0.1	0.0	0.0	0.0	1.7	24.9	0.2	0.0	0.0	0.0	5.4	0.0
1894	9	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	3.2	0.0	13.3	0.0
1894	10	0.0	0.0	0.0	0.0	0.0	0.0	16.5	5.0	3.9	0.0	0.0	0.0
1894	11	0.0	0.0	0.0	0.0	0.6	0.0	1.7	8.6	0.0	0.0	0.0	0.0
1894	12	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	1.4	0.0	0.0
1894	13	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.5	0.0
1894	14	0.0	0.0	0.4	0.0	0.2	4.7	0.2	0.0	0.0	0.0	2.1	0.0
1894	15	0.0	0.0	5.9	0.0	0.0	0.0	0.3	0.0	0.0	0.3	0.1	0.0
1894	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0
1894	17	0.0	0.0	0.0	17.9	0.7	0.0	0.0	3.1	3.3	0.0	0.0	0.0
1894	18	0.3	0.0	0.0	10.8	0.4	0.0	0.0	0.0	5.9	4.2	0.0	0.0
1894	19	0.5	0.0	0.0	6.6	0.7	1.6	31.4	1.9	0.0	16.6	0.0	3.3
1894	20	0.4	0.0	0.0	0.0	5.3	0.0	1.2	0.0	0.0	1.7	0.0	0.0
1894	21	0.1	0.0	0.4	29.9	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0
1894	22	0.0	0.0	0.0	1.2	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1894	23	1.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1894	24	0.6	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	1.3	0.1	0.0
1894	25	1.6	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	6.3	9.5	0.0
1894	26	4.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.1	11.8	0.0
1894	27	0.0	0.0	0.0	3.5	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1894	28	0.0	0.0	0.0	15.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1894	29	0.0		0.0	9.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1894	30	0.0		0.0	14.0	0.0	0.0	0.0	0.0	18.0	0.0	0.0	0.2
1894	31	0.0		0.0		9.4		0.0	0.0		0.0		0.0
1895	1	0.0	4.8	0.0	6.5	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
1895	2	0.0	0.0	5.0	0.0	0.0	27.2	0.0	27.8	0.0	1.6	0.0	0.0
1895	3	0.0	0.0	22.5	3.6	9.7	6.0	0.0	0.0	0.0	7.5	2.4	0.0
1895	4	0.0	0.0	0.1	1.6	5.7	0.0	0.3	4.5	0.0	0.0	0.6	0.0
1895	5	2.0	0.0	0.0	0.0	56.2	0.0	1.6	0.0	0.0	0.0	1.9	0.0
1895	6	3.3	1.0	18.0	0.0	0.0	1.5	0.4	0.0	0.0	0.0	0.0	0.0
1895	7	0.1	0.4	0.0	0.0	0.0	0.0	0.3	2.6	0.0	0.0	0.0	0.0
1895	8	24.7	0.0	0.0	1.5	0.1	0.1	3.2	14.4	0.0	25.7	0.0	0.0
1895	9	0.1	1.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	18.3	0.0	0.0
1895	10	2.1	0.0	0.0	0.0	0.0	54.5	0.0	0.0	0.0	0.0	0.0	0.0
1895	11	0.0	24.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1895	12	0.0	0.7	21.6	0.0	23.4	0.4	0.0	0.1	13.3	0.0	0.2	0.0
1895	13	0.4	15.3	32.3	0.0	0.0	3.1	0.2	0.0	1.8	0.0	0.0	30.1
1895	14	6.9	0.0	6.7	0.8	0.0	0.0	0.0	0.0	0.6	0.0	0.0	19.6
1895	15	7.7	0.0	0.0	0.0	6.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1895	16	0.7	0.0	0.0	0.0	3.0	1.4	0.0	2.2	0.0	0.0	0.0	7.6
1895	17	6.0	0.0	0.0	0.0	0.9	0.0	0.0	0.6	0.0	0.1	0.0	0.2
1895	18	0.6	0.0	0.0	16.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	7.5
1895	19	0.0	0.0	0.0	46.9	0.9	0.8	0.0	0.0	0.0	0.0	0.0	16.8
1895	20	0.1	0.0	0.0	5.0	0.0	1.9	0.3	0.0	0.0	0.0	0.0	1.6
1895	21	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
1895	22	0.0	0.0	0.0	0.0	12.1	0.1	0.0	0.0	0.0	0.0	0.0	1.0
1895	23	5.1	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	3.2	1.2	0.0
1895	24	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	12.5	0.0	1.3
1895	25	0.0	7.0	0.0	7.2	8.1	19.8	0.0	0.0	0.0	0.0	13.2	17.2
1895	26	0.0	10.4	0.2	0.2	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0
1895	27	1.0	0.8	0.0	1.8	0.0	0.0	0.0	0.0	0.0	22.3	0.0	0.0
1895	28	0.0	6.1	1.1	7.4	0.0	0.0	0.0	0.0	0.0	29.1	0.0	0.0
1895	29	0.0		0.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1895	30	0.0		0.3	0.0	0.0	0.0	0.0	0.0	0.0	20.3	0.0	0.0
1895	31	8.8		0.5		0.0		0.0	0.0		1.9		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1896	1	0.0	0.0	0.0	0.0	2.5	0.0	34.7	0.4	0.0	0.0	3.3	0.0
1896	2	0.0	0.0	1.0	0.0	20.9	0.0	0.8	0.0	5.3	0.2	13.2	0.0
1896	3	0.0	0.0	0.5	0.0	3.6	7.5	0.9	0.0	0.0	38.3	0.3	0.5
1896	4	0.0	0.0	3.5	0.0	0.2	23.9	0.1	0.0	0.0	0.0	0.0	0.0
1896	5	0.0	0.0	0.9	0.0	1.2	0.1	0.0	0.0	2.7	0.0	0.0	37.1
1896	6	0.0	0.0	0.0	0.0	0.0	25.3	0.0	0.0	2.8	0.0	4.9	33.6
1896	7	0.0	0.0	0.0	0.0	2.7	0.0	0.0	32.8	0.0	0.0	6.9	4.2
1896	8	0.0	0.0	0.0	0.0	3.0	12.8	0.0	5.5	0.0	0.0	1.4	0.5
1896	9	0.0	0.0	0.0	0.0	2.4	9.4	0.0	0.0	0.0	0.0	9.8	0.0
1896	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52.8	24.0	0.0	0.0	0.0
1896	11	0.0	0.0	0.0	0.0	0.0	0.2	0.0	15.8	0.0	5.9	0.0	0.0
1896	12	0.0	0.0	0.0	4.0	0.0	5.8	0.3	0.3	7.2	0.8	0.0	4.5
1896	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.7
1896	14	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	10.8	0.0	0.0
1896	15	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	6.3	0.0
1896	16	0.0	0.0	0.0	0.0	18.7	2.0	10.5	8.6	0.0	6.6	44.0	2.0
1896	17	0.0	0.0	0.0	0.0	1.5	0.0	10.7	0.0	0.0	0.0	32.0	4.6
1896	18	0.0	0.0	0.0	0.0	0.0	1.0	15.4	0.0	0.0	0.0	0.7	3.6
1896	19	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	6.6	0.0	16.5
1896	20	0.0	0.0	0.0	17.0	0.0	12.4	0.0	21.5	3.8	4.4	0.0	5.5
1896	21	0.0	0.0	0.0	0.0	2.5	0.0	0.0	68.1	0.0	0.0	0.0	0.0
1896	22	0.0	0.0	0.0	0.0	14.7	0.0	0.2	45.1	0.0	2.6	0.2	1.3
1896	23	0.0	0.0	0.0	17.3	2.4	0.0	16.4	0.0	0.0	5.3	0.0	0.0
1896	24	0.0	0.0	0.0	0.0	17.1	4.0	1.6	0.0	12.2	2.4	0.0	0.6
1896	25	0.0	11.1	0.0	0.0	0.1	0.0	2.8	0.0	11.3	0.0	0.0	0.0
1896	26	0.0	42.0	0.0	0.0	0.1	43.6	0.0	0.0	2.1	0.0	0.0	0.0
1896	27	0.0	2.8	0.0	0.0	0.0	1.5	0.0	6.8	0.0	2.0	0.2	0.0
1896	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	3.3	0.1	0.0
1896	29	0.0	0.0	0.0	0.0	0.0	0.0	21.1	9.5	0.0	1.5	0.0	0.0
1896	30	0.0		0.3	0.0	2.5	0.0	0.0	2.6	0.0	0.0	0.0	0.0
1896	31	0.0		0.0		0.6		19.6	0.6		0.1		0.0
1897	1	0.0	0.0	2.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1897	2	0.0	0.0	1.0	2.7	21.3	0.0	0.0	0.0	0.0	0.0	0.0	7.8
1897	3	0.0	0.0	5.4	5.6	0.0	0.1	0.0	2.4	0.0	0.0	0.0	23.5
1897	4	0.0	1.9	3.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	23.6
1897	5	0.0	7.6	11.6	0.0	0.0	0.0	1.4	0.0	0.0	0.3	0.0	16.9
1897	6	0.0	0.0	0.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
1897	7	0.0	0.0	0.0	0.7	34.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1897	8	0.0	0.0	0.0	0.0	1.7	7.9	0.0	1.5	0.0	0.0	0.0	0.0
1897	9	2.1	0.0	0.0	9.1	0.0	10.1	0.0	1.4	0.0	5.0	0.0	1.0
1897	10	4.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	20.4	0.0	0.0	0.0
1897	11	4.7	0.0	0.0	2.3	1.8	6.0	1.3	0.0	21.6	0.0	0.0	0.0
1897	12	9.1	0.0	0.0	0.0	0.9	4.1	0.0	0.0	31.8	0.0	0.0	0.0
1897	13	0.3	0.0	20.4	0.0	0.0	0.0	7.8	0.0	1.4	0.0	0.1	0.0
1897	14	1.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.0	0.2	0.0	0.5
1897	15	0.8	0.0	0.0	0.0	0.6	0.0	3.0	0.0	58.2	0.0	0.0	0.0
1897	16	35.3	0.0	0.0	1.3	1.7	26.7	0.0	0.0	0.0	10.7	0.0	0.0
1897	17	16.9	0.0	0.0	0.1	0.0	22.0	0.0	0.0	0.9	0.0	0.0	0.0
1897	18	0.3	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	8.9	0.0	0.0
1897	19	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	13.2	0.0	0.0	0.0
1897	20	0.0	0.0	0.0	6.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1897	21	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	6.5	0.0	0.0
1897	22	10.0	0.0	0.0	0.0	7.1	0.0	43.6	0.0	0.0	21.2	0.0	0.0
1897	23	9.7	0.0	0.0	0.0	7.7	0.0	3.0	0.0	0.0	12.6	0.0	0.0
1897	24	1.0	0.0	0.0	0.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1897	25	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1897	26	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0	3.7	0.0
1897	27	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1897	28	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0
1897	29	0.0		0.7	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.4	0.0
1897	30	0.0		0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.4
1897	31	0.6		1.3		0.0		0.0	0.0		0.0		2.8

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1898	**1**	2.5	0.0	0.0	17.9	0.0	4.4	0.0	0.0	0.2	0.0	39.6	0.3
1898	**2**	3.5	0.0	0.0	15.7	0.0	0.2	0.0	0.0	0.0	5.4	0.0	0.0
1898	**3**	0.0	0.6	0.0	8.5	1.1	5.3	0.0	0.0	0.0	4.1	0.0	0.0
1898	**4**	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	1.0	0.1
1898	**5**	0.1	0.0	6.5	0.0	0.0	0.0	28.6	0.0	0.0	0.0	4.1	0.0
1898	**6**	0.1	0.0	6.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1898	**7**	0.0	0.0	36.7	0.0	32.2	0.0	0.0	0.0	0.0	1.5	0.3	0.0
1898	**8**	0.0	0.0	39.8	0.0	0.0	0.0	1.8	0.0	0.0	8.7	0.0	0.0
1898	**9**	6.9	0.0	1.7	0.0	0.1	0.6	0.5	12.7	0.0	0.0	0.0	0.0
1898	**10**	0.9	0.0	0.5	0.0	0.0	8.8	0.4	0.0	0.0	0.9	0.0	0.0
1898	**11**	0.9	0.0	0.0	0.0	0.0	0.7	5.9	0.0	0.0	0.0	0.0	0.0
1898	**12**	0.0	0.0	0.0	15.2	1.8	0.0	0.0	0.0	0.1	22.6	0.0	0.0
1898	**13**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	2.8	0.0	0.0	0.0
1898	**14**	0.0	0.0	0.0	0.0	0.0	8.0	7.8	3.2	0.0	0.0	0.0	0.0
1898	**15**	0.0	0.0	0.0	0.0	0.0	30.6	0.0	0.0	0.0	9.0	0.0	0.0
1898	**16**	0.0	0.0	0.0	15.4	0.0	64.3	0.0	0.0	0.0	9.2	0.0	0.0
1898	**17**	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
1898	**18**	0.0	0.0	0.0	10.7	2.3	0.0	0.0	0.0	0.0	9.7	0.0	0.0
1898	**19**	0.0	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0	7.8	0.0	0.0
1898	**20**	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.8	0.0	0.0	0.0
1898	**21**	0.0	0.0	0.0	9.6	0.0	0.0	22.9	0.0	0.0	0.0	0.0	0.0
1898	**22**	0.0	0.0	0.0	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
1898	**23**	0.0	30.4	0.0	1.5	6.4	4.6	0.0	0.0	0.0	0.0	13.4	0.0
1898	**24**	0.0	0.0	11.2	0.0	3.1	0.0	0.0	0.0	0.0	0.0	9.9	0.0
1898	**25**	0.0	1.3	17.5	0.0	0.4	0.0	0.0	0.0	2.0	0.0	7.6	0.0
1898	**26**	0.0	0.0	6.3	0.0	0.1	0.3	0.0	1.3	0.0	0.0	3.4	0.0
1898	**27**	0.0	1.0	1.8	0.0	0.0	9.8	0.0	0.0	14.3	0.0	9.0	0.0
1898	**28**	0.0	4.6	0.1	0.0	16.7	0.1	7.1	0.0	13.6	0.0	0.0	0.0
1898	**29**	0.0		19.7	5.2	7.3	0.0	1.0	9.7	4.3	0.0	3.6	2.2
1898	**30**	0.0		8.5	0.1	15.5	0.0	0.2	0.0	7.0	0.0	4.8	1.1
1898	**31**	0.0		0.2		24.6		2.8	0.0		3.9		3.1
1899	**1**	0.0	2.3	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0
1899	**2**	0.1	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1899	**3**	3.2	1.8	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0
1899	**4**	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1899	**5**	0.0	0.0	8.7	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1899	**6**	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	5.3	0.0	0.0
1899	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	29.8	0.0	0.0
1899	**8**	0.0	0.4	0.0	7.1	0.0	0.0	0.0	0.0	9.8	0.0	0.0	1.7
1899	**9**	0.0	0.0	10.3	1.2	5.5	3.8	0.0	2.6	0.0	0.0	0.3	0.0
1899	**10**	0.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0
1899	**11**	4.0	0.0	0.0	0.0	1.1	0.5	0.0	1.2	0.0	0.0	0.0	0.0
1899	**12**	0.0	0.2	0.0	4.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	8.3
1899	**13**	0.0	0.0	0.0	5.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1899	**14**	0.0	0.0	0.0	10.1	0.0	9.9	0.0	0.0	0.0	0.0	0.0	16.0
1899	**15**	0.0	0.0	0.0	17.4	10.3	0.0	0.0	0.0	0.0	2.2	0.0	16.1
1899	**16**	0.0	0.0	0.0	7.1	1.5	2.2	0.0	0.0	9.0	2.0	0.0	9.3
1899	**17**	0.0	0.0	0.0	0.0	11.9	3.3	0.0	6.8	1.1	0.0	0.0	0.0
1899	**18**	0.2	0.0	0.0	4.1	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0
1899	**19**	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
1899	**20**	0.0	0.0	4.8	1.2	0.0	4.0	0.0	0.0	0.0	0.0	0.0	2.7
1899	**21**	0.0	0.0	1.3	0.0	0.0	1.6	0.0	3.0	0.0	0.0	0.0	5.1
1899	**22**	0.0	0.0	0.0	1.8	12.6	8.6	0.0	0.0	1.8	0.0	0.0	0.0
1899	**23**	0.0	0.0	4.5	3.0	4.9	11.3	0.0	0.0	9.0	0.0	0.0	0.0
1899	**24**	3.2	0.0	0.7	0.0	22.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0
1899	**25**	9.6	0.0	0.0	0.0	15.5	19.4	9.0	0.0	0.0	0.0	0.0	0.0
1899	**26**	5.8	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1899	**27**	0.9	0.0	0.0	2.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	11.7
1899	**28**	0.0	0.0	0.0	0.0	13.7	0.0	0.5	0.0	0.0	0.0	0.0	0.4
1899	**29**	0.0		0.0	0.0	5.0	0.0	0.0	1.3	1.3	0.0	0.0	5.7
1899	**30**	1.9		0.0	0.0	0.2	32.2	0.0	0.0	0.4	0.0	0.0	0.0
1899	**31**	2.5		0.0		0.0		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1900	**1**	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	3.7
1900	**2**	2.7	12.7	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1900	**3**	3.4	18.3	0.0	0.0	11.6	2.9	0.0	0.0	0.0	12.7	16.3	0.0
1900	**4**	9.6	0.0	0.5	0.6	0.0	16.1	0.0	0.2	0.0	0.1	0.2	0.0
1900	**5**	10.5	0.0	0.4	5.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1900	**6**	2.8	1.6	0.0	8.1	0.0	0.3	4.4	0.0	0.0	0.0	0.0	0.0
1900	**7**	4.8	1.0	0.0	9.8	0.0	0.1	19.2	0.0	0.0	0.0	0.0	0.0
1900	**8**	3.4	0.0	0.0	12.3	23.8	19.9	16.5	0.0	7.4	0.0	5.5	0.0
1900	**9**	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1900	**10**	0.0	15.7	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1900	**11**	0.0	6.3	0.0	0.0	3.9	0.0	0.0	0.5	0.0	0.0	5.3	0.0
1900	**12**	0.0	6.0	0.0	0.0	10.5	0.0	0.0	0.0	9.3	1.2	36.3	0.0
1900	**13**	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1900	**14**	0.0	0.7	0.0	0.0	3.2	0.0	0.5	0.0	0.0	5.4	0.0	0.0
1900	**15**	0.0	0.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0	2.6	0.0
1900	**16**	0.0	0.0	0.0	0.0	8.8	0.1	0.0	13.0	0.0	0.0	7.2	0.0
1900	**17**	0.0	0.0	26.0	16.3	41.5	0.0	0.0	0.0	0.0	0.0	13.0	0.0
1900	**18**	8.5	0.0	54.0	0.0	0.2	16.4	0.0	0.0	0.0	0.0	0.0	0.2
1900	**19**	13.4	0.1	5.6	0.0	0.8	0.0	0.0	0.0	2.8	0.0	3.6	0.0
1900	**20**	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	5.0	12.4	5.6	0.0
1900	**21**	0.0	0.2	4.0	0.0	0.0	0.0	0.0	0.8	0.0	10.3	38.7	0.0
1900	**22**	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.4	0.0
1900	**23**	0.0	0.0	5.2	0.0	0.0	1.2	15.9	0.4	0.0	0.9	0.8	1.8
1900	**24**	0.0	0.0	0.0	0.0	5.5	0.0	0.0	6.0	0.0	0.0	4.7	0.0
1900	**25**	0.0	0.0	0.5	1.3	16.3	1.5	0.0	0.0	0.0	0.0	3.5	0.0
1900	**26**	0.0	0.0	2.5	0.8	6.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0
1900	**27**	0.0	2.5	0.0	7.7	0.0	0.0	0.0	7.3	0.5	0.0	0.0	0.0
1900	**28**	12.6	0.0	6.0	1.4	0.0	0.2	0.0	13.2	0.0	0.0	0.0	3.0
1900	**29**	18.8	0.0	8.0	0.5	17.2	19.5	0.0	0.0	0.0	0.0	10.2	9.3
1900	**30**	1.9		9.1	0.0	2.0	0.0	0.0	0.5	24.2	0.0	23.1	0.0
1900	**31**	0.0		0.0		0.0		0.0	0.0		0.0		11.9
1901	**1**	6.9	13.1	4.0	0.4	4.9	0.0	10.9	0.0	0.0	0.0	0.0	0.0
1901	**2**	0.0	7.7	19.3	0.0	0.0	19.3	0.0	0.8	0.0	0.0	0.0	0.0
1901	**3**	0.0	0.0	15.3	0.2	0.2	0.0	4.9	0.0	11.2	0.0	0.0	0.0
1901	**4**	0.0	0.9	0.0	0.0	0.0	4.6	1.7	0.0	70.9	8.9	0.0	0.0
1901	**5**	0.0	13.4	0.0	0.0	0.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0
1901	**6**	0.0	0.0	0.0	0.0	0.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0
1901	**7**	0.0	6.9	0.0	0.0	35.9	0.4	0.0	0.0	21.9	0.0	0.0	0.0
1901	**8**	0.0	5.8	0.6	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1901	**9**	0.0	0.6	1.1	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
1901	**10**	0.0	0.0	9.3	0.0	14.4	12.1	1.2	0.0	0.0	0.0	0.0	0.0
1901	**11**	0.0	0.0	7.6	2.5	6.8	0.0	0.0	0.0	3.1	0.0	0.0	0.0
1901	**12**	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1901	**13**	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	48.3	0.0	0.8	12.3
1901	**14**	0.0	0.0	2.0	0.0	0.0	0.0	28.8	0.0	1.2	0.0	1.7	6.7
1901	**15**	0.0	0.0	7.9	0.0	0.0	14.0	0.5	0.0	3.4	0.0	17.1	0.0
1901	**16**	0.0	0.0	9.5	3.5	0.5	0.0	0.0	34.0	9.8	9.9	0.0	0.8
1901	**17**	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9
1901	**18**	0.0	0.0	18.4	0.0	0.8	8.5	0.0	0.0	0.0	25.6	0.0	2.2
1901	**19**	0.0	0.0	17.5	0.0	1.9	32.1	0.0	0.0	0.0	2.4	0.0	22.7
1901	**20**	0.0	0.0	16.6	0.0	0.0	1.0	0.0	0.0	0.0	0.1	0.0	7.1
1901	**21**	0.0	0.0	1.1	0.0	0.0	0.0	1.1	0.0	0.0	0.5	0.0	1.0
1901	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	54.9	0.0	9.5
1901	**23**	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.2	5.8
1901	**24**	0.0	0.0	0.0	0.0	1.2	0.0	0.9	0.0	0.0	0.0	0.6	0.0
1901	**25**	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	4.8	0.0	0.0	3.9
1901	**26**	0.0	0.0	2.2	1.2	0.0	0.2	17.0	6.9	0.1	0.0	0.0	1.7
1901	**27**	0.0	0.0	5.1	7.3	0.0	4.2	0.0	38.1	0.5	0.0	0.0	0.0
1901	**28**	0.0	0.0	9.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1901	**29**	0.0		1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0
1901	**30**	0.0		0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.2	0.0	2.6
1901	**31**	2.2		1.7		0.0		0.1	0.0		17.7		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1902	**1**	0.1	15.8	9.0	0.0	0.0	0.0	0.0	0.0	10.9	0.6	0.0	0.0
1902	**2**	0.1	11.2	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
1902	**3**	0.0	1.7	0.0	0.1	4.8	5.7	0.4	4.1	0.0	0.0	0.0	0.0
1902	**4**	0.0	4.9	5.9	2.0	0.7	0.0	0.0	0.0	0.0	0.8	0.0	0.0
1902	**5**	0.0	17.2	0.0	0.0	0.9	4.3	0.0	0.0	1.3	57.7	0.0	0.0
1902	**6**	0.5	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	2.6	0.0	0.0
1902	**7**	0.0	7.4	0.0	0.0	0.0	3.0	0.0	0.0	0.0	3.6	8.2	0.0
1902	**8**	0.0	5.2	0.0	0.0	0.3	21.9	0.0	0.0	0.0	0.0	4.4	0.0
1902	**9**	0.0	0.9	0.0	0.0	11.1	0.7	0.0	16.9	0.0	0.0	0.0	0.0
1902	**10**	0.3	0.2	0.0	0.0	0.4	1.4	0.0	0.0	0.0	0.0	12.7	0.0
1902	**11**	0.0	0.7	0.0	0.5	0.0	17.7	0.0	13.0	0.0	61.0	0.0	0.0
1902	**12**	0.0	5.6	0.0	0.0	15.8	28.2	0.0	8.7	0.0	6.5	0.0	0.0
1902	**13**	0.0	17.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.8	0.0	0.0
1902	**14**	0.0	1.3	0.0	0.0	2.4	0.8	0.0	9.8	0.7	0.0	0.0	0.0
1902	**15**	0.0	4.7	2.5	0.0	1.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
1902	**16**	0.0	51.4	0.8	1.8	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0
1902	**17**	0.0	5.5	0.0	0.1	0.0	5.1	0.0	0.0	0.0	2.8	0.0	0.0
1902	**18**	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
1902	**19**	0.0	1.3	0.0	0.0	4.0	0.0	1.5	0.0	0.0	0.0	2.4	0.0
1902	**20**	0.0	0.0	0.0	0.0	10.3	3.7	29.6	4.7	0.0	0.0	0.2	0.0
1902	**21**	0.0	0.0	0.0	0.0	23.7	1.2	1.9	0.0	0.0	0.0	0.0	0.0
1902	**22**	0.0	1.6	8.5	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0
1902	**23**	0.0	0.0	14.7	3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1902	**24**	0.0	0.0	11.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1902	**25**	3.1	3.7	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.6	0.0
1902	**26**	0.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	0.0
1902	**27**	0.0	3.1	0.0	0.0	13.7	0.0	0.0	0.3	0.0	0.0	0.0	0.0
1902	**28**	0.8	17.4	0.0	19.9	0.0	0.0	15.2	0.8	0.0	0.8	0.0	0.0
1902	**29**	0.0		0.0	0.1	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.6
1902	**30**	17.1		0.0	0.0	0.0	0.0	0.0	17.1	0.0	0.0	0.3	5.9
1902	**31**	28.5		0.0		0.0		0.0	0.0		0.0		3.3
1903	**1**	0.0	0.5	0.2	0.0	0.6	3.0	0.0	0.0	0.0	0.0	16.8	7.7
1903	**2**	0.0	7.5	0.0	0.0	19.9	6.5	0.0	0.0	0.0	0.0	0.5	5.7
1903	**3**	0.0	0.0	1.1	0.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1903	**4**	0.0	0.0	0.0	0.0	0.8	39.6	0.0	0.0	0.0	0.0	0.0	0.2
1903	**5**	0.0	0.0	0.0	3.0	5.1	0.0	9.0	0.0	0.0	0.0	0.0	1.0
1903	**6**	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	26.1
1903	**7**	0.0	0.0	5.8	0.0	0.0	16.3	20.6	0.0	0.0	0.0	0.0	10.0
1903	**8**	0.0	0.0	0.0	2.8	11.2	23.2	0.0	0.0	0.0	0.0	0.0	0.2
1903	**9**	0.0	0.0	0.4	2.1	0.0	1.8	0.0	0.0	0.0	9.6	0.0	0.0
1903	**10**	5.0	0.0	0.0	0.0	2.8	2.4	0.0	0.0	0.0	3.1	0.0	0.0
1903	**11**	9.8	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
1903	**12**	2.8	0.1	0.0	0.0	1.0	17.2	0.0	0.0	0.0	0.0	0.0	10.3
1903	**13**	0.0	0.3	0.0	0.0	0.0	7.6	0.0	0.0	38.8	16.2	0.7	1.2
1903	**14**	0.0	0.0	0.0	0.0	0.7	5.7	4.5	0.0	12.6	0.0	4.2	11.0
1903	**15**	0.0	0.0	0.0	0.0	0.0	0.5	1.6	0.0	8.7	0.0	6.1	0.0
1903	**16**	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.2	5.1
1903	**17**	0.0	0.0	3.3	10.5	0.0	0.0	0.0	0.0	4.6	0.3	10.4	7.3
1903	**18**	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	7.2	0.0	1.0
1903	**19**	0.0	0.0	1.0	0.0	0.0	21.8	0.0	3.8	5.5	0.0	0.0	11.1
1903	**20**	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.3	0.0	0.0	0.0	0.0
1903	**21**	0.0	0.0	0.0	4.7	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
1903	**22**	0.0	0.0	0.0	15.4	0.0	0.4	0.0	0.0	0.0	4.9	0.0	0.0
1903	**23**	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
1903	**24**	0.0	0.0	0.0	0.7	0.0	0.0	0.9	0.0	0.0	0.6	0.0	0.0
1903	**25**	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5
1903	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
1903	**27**	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	18.0	0.0	2.3
1903	**28**	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	6.4	16.5	1.1
1903	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	18.6	0.3
1903	**30**	0.0		0.0	0.3	1.3	0.0	0.0	0.0	0.0	7.8	4.3	0.0
1903	**31**	0.0		2.3		1.0		0.2	0.0		17.8		6.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1904	**1**	3.1	16.6	17.4	0.0	0.0	0.0	0.0	0.0	0.8	0.9	0.0	0.0
1904	**2**	0.0	1.1	0.2	0.0	0.0	0.0	0.0	0.1	25.9	0.0	0.0	0.0
1904	**3**	0.0	1.1	0.0	0.0	0.0	1.2	0.0	0.0	0.2	0.2	0.0	4.6
1904	**4**	2.0	1.3	0.0	0.0	24.4	0.0	0.0	0.0	0.0	0.2	0.0	0.3
1904	**5**	1.3	21.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1904	**6**	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.1
1904	**7**	0.3	0.2	0.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1904	**8**	0.0	1.3	0.8	0.0	0.0	0.0	0.0	0.0	6.7	7.3	1.4	3.3
1904	**9**	0.8	12.2	0.1	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
1904	**10**	0.6	2.1	7.0	0.0	0.0	6.9	0.0	18.1	0.0	7.5	0.0	4.6
1904	**11**	0.0	0.0	2.0	0.0	0.0	6.2	0.0	0.0	0.0	24.5	0.1	34.3
1904	**12**	0.0	0.4	16.4	0.0	0.0	0.7	0.0	8.5	0.0	2.7	0.0	0.0
1904	**13**	0.0	0.0	15.7	0.0	0.0	0.2	6.3	0.0	0.0	0.0	0.0	31.6
1904	**14**	0.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	12.6
1904	**15**	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0
1904	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1904	**17**	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
1904	**18**	0.0	23.5	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0
1904	**19**	0.0	0.0	0.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1904	**20**	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1904	**21**	0.0	0.0	0.0	0.4	0.0	0.0	0.0	14.9	0.0	0.0	0.0	0.0
1904	**22**	0.0	0.0	0.0	4.4	0.0	11.6	6.5	1.5	0.0	0.0	0.1	0.0
1904	**23**	0.0	0.0	7.4	5.8	0.2	0.0	0.0	1.1	0.0	0.0	21.7	0.0
1904	**24**	0.0	4.5	39.7	4.1	17.8	0.0	0.7	0.4	0.0	0.0	14.0	0.0
1904	**25**	0.0	0.0	13.3	8.6	0.0	0.0	0.0	23.3	2.3	0.0	0.0	0.0
1904	**26**	0.0	0.0	9.1	3.7	0.0	0.0	0.0	2.4	28.5	0.0	3.8	0.0
1904	**27**	0.0	0.0	10.7	9.3	0.0	0.5	0.0	0.0	25.5	0.0	0.0	0.0
1904	**28**	0.0	0.0	0.0	1.3	8.5	0.0	0.0	0.0	25.1	3.1	0.0	0.0
1904	**29**	0.0	0.0	0.3	0.0	0.8	0.0	0.0	0.0	6.9	0.4	0.0	0.0
1904	**30**	0.0		6.5	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
1904	**31**	1.5		15.5		3.2		0.0	0.7		0.0		0.0
1905	**1**	0.0	0.0	4.0	0.0	0.2	0.0	0.0	0.0	0.0	2.9	0.6	0.3
1905	**2**	0.0	0.0	24.3	0.0	0.0	0.5	0.0	26.7	0.0	7.5	11.8	0.0
1905	**3**	0.0	0.0	10.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	7.3	0.0
1905	**4**	0.0	0.0	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1905	**5**	0.0	0.0	17.4	12.6	0.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0
1905	**6**	0.0	0.0	0.0	0.0	13.2	0.0	0.1	6.6	0.0	0.0	1.4	0.0
1905	**7**	0.0	0.0	0.0	0.0	16.0	0.1	0.0	0.2	0.0	0.0	5.1	0.0
1905	**8**	0.0	0.0	0.0	0.0	5.3	0.0	7.4	0.0	0.0	0.0	41.4	0.0
1905	**9**	0.0	0.0	0.0	0.0	25.3	6.3	0.0	0.0	0.0	0.0	17.4	0.0
1905	**10**	0.0	0.0	3.8	0.0	0.8	0.5	0.0	0.0	0.0	0.0	0.0	2.9
1905	**11**	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
1905	**12**	0.0	0.0	0.0	0.1	3.4	4.1	0.0	20.8	0.0	0.6	7.3	0.0
1905	**13**	0.0	0.0	1.6	0.1	29.2	9.2	0.0	0.0	0.0	0.0	7.2	0.0
1905	**14**	0.0	0.0	3.4	20.8	8.7	17.3	0.4	0.0	0.0	0.0	0.0	0.0
1905	**15**	0.0	0.0	5.0	0.0	101.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1905	**16**	0.0	0.0	9.4	11.9	47.3	0.0	0.0	0.0	0.0	0.0	21.8	0.0
1905	**17**	0.0	0.0	0.0	0.1	1.8	0.0	0.0	3.1	0.0	0.1	0.2	0.0
1905	**18**	19.1	0.0	0.0	1.6	27.8	6.0	3.5	0.1	0.0	0.0	0.0	0.0
1905	**19**	28.5	0.0	0.0	0.5	0.0	0.2	58.4	0.0	8.5	0.0	3.6	0.0
1905	**20**	5.8	16.1	0.0	0.9	0.0	0.0	0.0	0.0	9.0	0.0	0.3	0.0
1905	**21**	0.0	6.3	0.0	30.7	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0
1905	**22**	0.0	35.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.3	2.5	0.0
1905	**23**	0.0	0.0	3.1	5.9	16.5	8.7	0.0	0.5	0.1	9.8	19.3	0.0
1905	**24**	0.0	0.8	0.0	0.0	9.5	10.8	28.3	0.0	0.6	23.2	0.0	0.0
1905	**25**	0.0	7.0	0.0	0.0	6.5	1.0	0.0	0.0	0.0	9.3	0.0	0.0
1905	**26**	0.0	11.1	0.0	0.0	0.0	2.3	0.0	32.6	0.0	0.0	0.0	0.0
1905	**27**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	4.0	0.1
1905	**28**	0.0	8.1	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	2.7	1.4
1905	**29**	0.0		0.0	0.0	0.0	0.0	0.0	13.3	5.0	0.0	13.7	1.2
1905	**30**	0.0		0.0	1.1	0.0	0.0	0.0	1.1	2.9	0.0	1.3	0.0
1905	**31**	0.0		0.0		0.0		0.0	0.0		9.2		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1906	1	0.0	0.0	4.7	0.0	1.6	0.0	2.4	0.0	0.0	0.0	20.5	0.0
1906	2	0.0	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	4.5	4.7
1906	3	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	15.3	0.0
1906	4	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
1906	5	0.7	0.0	0.0	0.0	0.0	0.1	18.1	0.0	0.0	0.0	0.0	0.0
1906	6	2.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	23.4	0.0	4.2
1906	7	13.1	0.0	0.0	0.0	0.8	0.0	3.7	0.1	0.0	0.0	4.3	0.2
1906	8	0.6	7.3	0.0	0.0	0.0	0.0	76.7	0.0	0.0	0.0	16.0	1.2
1906	9	0.1	2.0	0.0	0.0	0.0	0.3	1.4	6.6	0.0	0.0	10.4	19.8
1906	10	0.0	0.0	0.0	0.0	0.7	23.1	19.7	3.0	25.4	0.0	15.7	18.6
1906	11	0.0	0.0	0.0	0.0	3.8	15.9	0.0	0.0	3.3	0.0	0.0	0.0
1906	12	0.0	2.6	0.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1906	13	0.0	16.4	9.9	0.0	0.0	2.5	0.4	0.0	0.0	0.0	0.0	0.0
1906	14	0.0	4.7	0.0	0.1	0.0	0.0	0.5	0.0	0.0	6.4	0.0	0.2
1906	15	0.0	2.5	0.0	0.0	0.0	8.2	0.0	0.0	0.0	24.9	0.0	0.0
1906	16	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	8.3	14.1	0.0	0.0
1906	17	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.1	1.6	0.1	0.0	0.0
1906	18	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	4.2	0.0	2.0	0.0
1906	19	1.2	0.0	0.9	32.4	0.0	0.0	0.0	5.6	2.0	0.0	11.8	0.1
1906	20	6.6	0.0	2.1	0.0	11.0	0.4	0.0	0.0	8.6	0.0	0.0	0.0
1906	21	0.0	36.7	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
1906	22	0.0	9.0	21.0	3.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1906	23	0.0	0.0	19.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1906	24	0.0	0.2	4.8	2.3	0.0	0.0	0.4	0.0	0.7	0.0	0.0	0.0
1906	25	0.0	0.0	0.6	10.7	0.0	2.1	0.0	0.8	8.2	0.0	0.0	0.0
1906	26	0.0	0.0	2.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1906	27	0.0	0.2	6.5	12.3	0.4	0.0	0.0	0.0	0.0	1.4	0.0	0.7
1906	28	0.0	1.3	0.0	4.8	0.0	0.0	1.4	0.0	0.6	0.0	0.0	11.1
1906	29	0.0		0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1906	30	0.0		0.4	1.3	0.0	6.7	0.0	0.0	0.0	0.7	0.0	0.0
1906	31	0.0		0.0		0.0		0.0	0.0		36.2		0.0
1907	1	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	12.2	0.0	0.0
1907	2	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	1.5	2.0	0.1	3.0
1907	3	2.5	0.0	0.0	0.0	0.0	0.2	0.2	0.0	8.6	0.0	0.0	11.1
1907	4	0.3	0.0	0.1	7.7	0.0	15.1	0.0	0.0	0.6	14.7	0.0	0.0
1907	5	0.0	0.0	0.0	2.5	0.0	0.0	0.0	5.5	0.0	14.5	0.0	31.8
1907	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	1.2
1907	7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1907	8	0.0	0.0	0.0	1.4	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0
1907	9	0.0	0.0	0.0	0.1	0.0	0.0	27.6	0.0	0.0	0.0	28.5	0.0
1907	10	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0	1.2	2.9	0.4	0.0
1907	11	0.0	0.0	0.1	0.6	0.0	0.0	1.5	0.0	0.2	0.0	0.8	0.2
1907	12	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	6.7
1907	13	0.0	10.4	0.0	7.3	0.0	0.0	2.3	0.0	0.0	0.0	0.1	1.0
1907	14	0.0	15.3	0.0	4.3	0.0	0.1	0.0	0.0	0.0	34.9	0.0	4.2
1907	15	0.0	0.0	0.0	13.3	0.0	0.0	1.6	0.0	13.0	2.8	0.0	0.0
1907	16	0.0	0.0	0.0	4.5	1.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0
1907	17	0.0	0.0	0.0	0.0	2.3	4.0	0.0	0.0	0.0	1.4	0.0	0.0
1907	18	0.0	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1907	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1907	20	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1907	21	0.0	0.6	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	0.0	0.0
1907	22	0.0	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0
1907	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1907	24	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1907	25	8.0	0.0	0.0	0.0	0.0	14.1	2.1	0.0	0.0	35.6	0.0	0.0
1907	26	12.6	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	92.6	0.0	2.1
1907	27	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.0	8.0
1907	28	0.0	0.0	0.0	16.5	0.0	0.0	0.0	0.0	2.3	4.9	0.0	7.3
1907	29	0.0		0.0	1.6	0.0	0.0	0.0	0.0	6.7	2.6	0.0	3.3
1907	30	0.0		0.0	0.3	2.1	0.0	0.0	0.5	0.0	34.0	0.0	4.8
1907	31	0.0		0.0		0.0		0.0	0.0		0.1		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1908	1	3.1	0.2	1.9	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.0
1908	2	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	3	0.0	0.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	4	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	5	0.0	0.0	2.6	0.1	5.5	0.0	48.8	0.0	0.0	0.0	0.0	0.0
1908	6	0.0	0.0	0.5	8.3	0.0	0.0	1.2	9.7	0.0	0.0	0.0	0.0
1908	7	1.1	0.0	0.2	9.6	0.0	17.9	0.0	2.7	0.0	0.0	0.0	0.0
1908	8	0.0	0.0	0.4	5.2	0.0	18.5	0.0	16.7	0.0	0.0	18.8	0.0
1908	9	0.0	0.1	0.0	2.7	0.0	0.8	0.0	0.0	0.0	0.0	4.4	0.0
1908	10	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	10.9
1908	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	13	0.1	0.0	0.0	3.7	0.0	0.0	30.9	0.2	0.0	1.2	0.0	0.0
1908	14	0.0	0.0	0.0	2.4	0.1	0.6	6.0	21.8	0.0	0.4	0.0	0.0
1908	15	0.1	0.0	0.0	0.5	0.1	0.3	8.0	26.1	0.0	0.0	0.4	0.0
1908	16	0.0	0.1	0.0	0.0	0.0	0.0	0.7	2.3	0.0	0.0	0.0	0.9
1908	17	0.1	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	6.6
1908	18	0.0	1.5	0.0	0.0	0.0	0.0	35.9	0.0	0.0	0.0	0.1	10.4
1908	19	0.0	0.0	3.0	0.1	0.0	0.0	44.0	0.0	0.0	0.0	0.5	0.0
1908	20	0.0	0.0	6.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	21.9
1908	21	0.0	0.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	22	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0
1908	23	0.0	0.0	0.0	0.0	10.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0
1908	24	0.0	0.0	0.0	0.0	0.3	0.0	5.6	0.0	0.0	11.7	0.0	0.0
1908	25	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0	0.0	31.2	0.0	0.0
1908	26	0.0	0.6	0.0	7.8	0.0	0.0	0.5	0.0	13.3	0.2	0.0	0.0
1908	27	0.0	1.6	0.0	0.0	0.7	0.0	1.0	0.0	0.0	3.5	0.0	0.1
1908	28	0.0	0.0	12.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	29	1.3	3.4	0.0	6.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	30	0.1		0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1908	31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1909	1	0.0	0.0	24.7	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	4.6
1909	2	0.0	0.0	10.4	33.8	23.1	0.0	0.0	0.5	0.7	5.2	0.0	0.0
1909	3	0.0	0.0	0.0	3.8	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
1909	4	0.0	0.0	8.8	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.4
1909	5	0.0	0.0	3.5	0.0	1.3	6.0	0.0	1.4	0.0	0.0	0.0	4.9
1909	6	0.0	0.0	0.0	0.0	0.0	2.3	3.5	0.2	0.0	0.4	0.0	1.4
1909	7	0.0	0.0	8.8	0.0	0.0	5.2	0.1	0.0	0.0	0.4	0.0	9.6
1909	8	2.2	0.0	23.8	0.0	0.0	0.8	8.2	0.0	0.0	0.0	0.0	3.7
1909	9	11.5	0.0	0.2	0.0	0.1	0.7	0.0	0.0	1.4	0.0	0.0	0.0
1909	10	6.4	0.0	0.0	0.0	8.8	0.1	0.0	3.5	0.1	0.0	0.0	0.0
1909	11	0.0	28.7	11.3	0.0	10.3	4.6	1.6	3.2	0.0	0.0	0.0	2.5
1909	12	0.0	51.4	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	3.5
1909	13	0.0	0.0	0.0	0.0	0.8	6.8	5.1	0.0	24.6	0.0	0.0	0.1
1909	14	0.0	0.0	10.9	0.0	11.5	0.3	0.0	0.0	4.2	0.0	0.0	0.8
1909	15	0.0	0.0	0.3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.7	0.0
1909	16	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.0
1909	17	1.3	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.9	0.0	6.4	0.0
1909	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	12.7	7.2
1909	19	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6
1909	20	0.0	0.0	10.9	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.1	0.8
1909	21	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4
1909	22	0.0	0.1	8.4	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.1	0.0
1909	23	0.0	7.0	0.0	0.0	0.0	0.3	0.0	53.2	26.2	0.0	0.0	0.0
1909	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4
1909	25	0.0	3.5	0.1	0.6	0.0	0.1	0.0	0.0	0.0	15.0	0.0	5.5
1909	26	0.0	1.5	26.8	0.0	10.9	0.7	0.0	0.0	33.2	0.0	0.0	0.1
1909	27	0.0	4.0	10.5	0.0	4.8	2.7	0.0	17.0	0.0	0.3	0.0	0.0
1909	28	0.0	3.3	0.0	1.4	0.2	0.0	0.0	12.7	0.0	0.0	0.0	0.0
1909	29	0.0		0.0	0.0	0.0	2.9	0.0	0.1	0.0	0.0	0.0	0.8
1909	30	0.0		6.5	0.6	0.0	30.4	0.0	0.0	5.4	30.2	0.0	0.0
1909	31	0.0		1.2		0.0		0.0	0.0		5.4		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1910	**1**	0.0	0.0	0.0	1.2	0.0	0.0	0.4	0.0	0.0	0.0	0.0	3.9
1910	**2**	0.0	0.1	3.9	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	3.4
1910	**3**	0.0	0.6	0.0	11.3	0.0	0.0	0.1	3.1	0.0	0.0	0.0	0.0
1910	**4**	0.0	9.9	0.0	0.1	0.0	0.0	2.8	11.2	0.0	0.9	0.0	0.0
1910	**5**	0.0	0.4	0.0	0.0	11.3	0.0	2.1	1.4	31.0	0.0	7.0	10.1
1910	**6**	0.0	0.0	0.0	0.4	2.9	1.8	0.0	0.0	0.1	0.1	10.5	0.6
1910	**7**	0.0	0.0	0.0	0.0	0.0	0.5	8.0	6.3	0.0	20.3	0.0	2.1
1910	**8**	0.0	3.5	0.0	7.8	0.6	0.0	0.0	0.0	0.0	26.4	0.5	0.1
1910	**9**	0.0	9.7	0.0	13.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	22.3
1910	**10**	0.0	0.0	0.0	2.3	0.3	3.2	0.0	0.0	6.8	0.0	9.8	3.3
1910	**11**	0.0	0.0	0.0	0.0	37.7	45.5	3.2	4.3	59.8	0.0	0.0	10.7
1910	**12**	7.2	0.0	0.1	0.0	0.0	0.0	0.9	0.0	0.0	0.3	0.0	3.6
1910	**13**	7.6	0.0	0.0	0.0	0.0	12.0	8.0	0.0	0.0	0.0	0.0	0.0
1910	**14**	0.0	0.0	0.1	0.0	1.6	7.1	0.0	0.0	33.8	0.0	19.7	1.6
1910	**15**	0.0	0.0	5.1	2.9	0.0	1.6	0.0	0.0	7.5	0.0	22.7	0.0
1910	**16**	0.0	0.6	11.9	0.7	0.0	4.7	4.5	0.0	0.0	0.0	9.9	0.0
1910	**17**	1.5	0.0	0.0	1.9	0.0	1.4	0.0	13.1	0.0	0.0	0.0	1.3
1910	**18**	0.6	0.0	0.0	0.2	0.0	46.1	0.0	0.0	0.0	0.0	17.2	3.7
1910	**19**	0.0	0.1	0.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	7.9	1.1
1910	**20**	0.0	0.9	0.1	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0
1910	**21**	13.3	0.6	4.7	0.0	0.0	0.0	0.0	0.0	16.1	61.9	0.3	0.0
1910	**22**	25.8	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.5	35.8	0.0	0.0
1910	**23**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	24.5	6.6	0.0	0.1	0.0
1910	**24**	0.0	1.1	0.0	0.0	0.0	9.0	1.8	0.0	1.4	0.0	0.0	0.1
1910	**25**	5.5	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1910	**26**	0.0	0.0	0.0	0.0	2.2	0.0	2.3	0.0	0.0	0.0	8.1	0.0
1910	**27**	2.0	8.3	0.0	0.4	0.0	1.0	5.7	0.0	0.0	0.0	0.0	0.0
1910	**28**	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
1910	**29**	4.1		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0
1910	**30**	12.6		0.6	0.0	0.0	0.0	0.0	0.0	0.0	38.1	0.1	0.0
1910	**31**	0.6		2.3		0.0		0.0	29.2		0.0		0.0
1911	**1**	0.0	0.0	0.0	0.0	1.1	0.0	0.0	4.8	0.0	9.3	0.0	0.0
1911	**2**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	28.7	0.0	0.0
1911	**3**	11.8	0.0	0.0	4.9	0.2	0.5	10.5	21.4	0.0	0.0	0.0	0.0
1911	**4**	4.7	0.0	0.0	29.9	0.2	0.0	16.9	0.0	0.0	0.3	0.0	0.0
1911	**5**	4.3	0.0	0.0	0.0	1.5	2.9	0.0	1.5	0.0	14.5	0.0	0.0
1911	**6**	0.2	0.0	0.0	3.5	18.8	6.0	0.0	0.0	0.0	21.6	0.0	0.2
1911	**7**	2.6	0.0	0.0	0.3	35.4	0.0	0.0	2.6	0.0	6.7	0.0	2.9
1911	**8**	0.0	0.0	0.0	2.8	16.3	0.0	0.0	0.0	0.0	1.9	0.0	18.7
1911	**9**	0.0	0.0	0.0	0.3	41.6	1.2	0.0	0.0	0.3	0.6	5.1	3.5
1911	**10**	0.0	0.0	0.0	0.0	10.8	10.6	6.0	0.0	0.0	5.8	16.0	4.5
1911	**11**	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	6.7	5.8
1911	**12**	0.0	0.0	0.0	0.0	0.0	0.7	0.0	21.3	0.0	0.0	0.0	1.8
1911	**13**	0.0	2.2	0.0	0.0	0.0	16.8	0.0	1.3	0.0	0.0	12.7	0.4
1911	**14**	0.0	0.0	7.7	0.0	0.0	2.7	0.2	0.0	0.0	0.0	1.0	13.6
1911	**15**	0.0	0.0	6.3	0.0	0.0	14.2	0.0	0.0	12.8	0.0	0.0	0.0
1911	**16**	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	24.8
1911	**17**	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	16.3	0.0	0.0	0.0
1911	**18**	0.0	0.0	0.0	0.0	33.0	0.0	8.1	0.0	4.1	0.0	8.5	0.0
1911	**19**	0.0	0.0	0.0	0.0	9.2	1.3	0.1	0.0	0.0	0.0	18.7	0.0
1911	**20**	0.0	0.0	17.6	0.1	0.0	5.0	2.2	1.1	0.0	0.0	0.0	0.0
1911	**21**	0.0	0.0	10.1	0.0	0.1	0.0	0.0	0.0	0.4	0.0	0.5	0.1
1911	**22**	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.6	22.9	0.5	0.0	0.0
1911	**23**	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	30.8	1.7	0.1	0.0
1911	**24**	0.0	1.3	0.0	0.0	0.0	0.0	0.0	2.1	9.4	26.5	11.3	0.0
1911	**25**	0.0	0.0	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	14.0
1911	**26**	0.0	0.0	8.7	0.0	0.0	1.8	0.0	14.4	0.0	0.0	0.0	0.8
1911	**27**	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1911	**28**	0.0	0.0	0.1	0.7	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
1911	**29**	0.0		0.0	0.9	0.0	0.0	0.0	0.0	1.2	0.0	0.1	0.0
1911	**30**	0.0		8.0	4.3	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0
1911	**31**	0.0		0.0		12.8		0.0	0.0		0.0		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1912	**1**	0.0	0.0	0.1	54.5	0.0	0.0	0.6	0.0	0.0	0.1	0.0	12.9
1912	**2**	0.0	9.9	0.4	3.1	0.0	10.0	0.0	0.0	0.6	0.1	0.0	0.0
1912	**3**	0.0	1.0	4.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0
1912	**4**	0.0	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1912	**5**	0.0	11.3	0.0	0.0	14.2	0.0	0.0	5.2	0.0	0.5	0.0	0.0
1912	**6**	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
1912	**7**	0.1	4.3	6.0	0.0	0.0	4.1	4.1	26.5	1.7	28.6	0.0	0.0
1912	**8**	0.0	2.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0
1912	**9**	0.0	4.7	0.0	1.0	0.0	0.9	0.0	16.1	0.0	0.2	0.0	0.0
1912	**10**	2.1	14.2	2.9	21.0	0.0	0.0	0.0	6.4	2.0	0.0	0.0	0.0
1912	**11**	0.0	6.5	0.2	0.0	0.0	0.0	0.1	5.2	16.7	0.0	0.0	0.0
1912	**12**	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
1912	**13**	0.0	0.0	1.9	0.0	0.0	10.1	0.0	2.3	0.0	0.0	0.3	0.0
1912	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0
1912	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0
1912	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0
1912	**17**	0.0	0.0	0.0	0.5	1.5	3.6	0.0	0.0	0.0	0.0	0.4	1.1
1912	**18**	0.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.8	0.0
1912	**19**	0.0	0.0	1.6	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.7
1912	**20**	0.0	2.9	4.1	0.0	0.0	0.0	7.3	0.0	21.6	0.0	0.0	0.0
1912	**21**	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.8	0.0	0.0
1912	**22**	3.3	0.0	6.3	0.0	11.4	0.0	0.0	2.7	0.0	23.5	0.0	2.8
1912	**23**	3.2	0.0	2.0	0.0	5.2	0.0	0.0	11.5	0.0	0.0	0.0	32.5
1912	**24**	6.2	0.0	0.0	1.7	8.6	8.0	0.0	0.0	0.0	0.0	0.0	1.0
1912	**25**	35.4	0.0	0.0	0.6	2.1	0.1	0.4	0.0	0.0	7.0	0.0	0.0
1912	**26**	0.0	4.1	0.0	0.0	1.7	3.3	1.6	0.0	12.0	0.0	0.0	0.0
1912	**27**	5.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	19.3	0.0	0.0	0.2
1912	**28**	9.7	0.0	0.0	10.3	0.1	0.0	0.0	0.0	0.0	0.0	4.3	0.0
1912	**29**	0.1	0.1	0.0	3.3	2.3	0.0	52.2	0.0	0.0	0.0	0.0	0.0
1912	**30**	0.0		1.2	3.7	3.9	0.0	1.2	0.0	0.0	0.0	0.0	0.1
1912	**31**	0.0		0.0		0.6		0.0	4.4		2.9		0.0
1913	**1**	0.0	0.0	0.0	2.4	1.9	0.0	0.0	0.6	0.0	2.0	0.0	0.0
1913	**2**	0.0	2.3	0.0	19.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1913	**3**	0.1	0.1	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.1
1913	**4**	0.0	0.0	0.0	0.5	0.0	0.0	8.4	0.0	0.0	9.9	0.0	0.5
1913	**5**	0.0	0.0	0.0	35.6	5.8	0.0	0.0	0.0	19.1	2.9	0.0	6.3
1913	**6**	0.0	0.0	0.0	5.9	0.0	0.0	2.8	20.6	0.0	0.1	36.1	0.0
1913	**7**	0.0	0.0	0.0	0.0	0.0	57.6	0.0	2.9	0.0	0.0	0.2	0.0
1913	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
1913	**9**	0.0	0.0	25.2	14.5	0.0	0.0	0.0	5.8	0.0	0.1	0.0	0.0
1913	**10**	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	5.4	0.0	1.5	0.0
1913	**11**	0.0	0.0	0.0	1.2	25.5	0.0	11.6	0.0	2.0	0.0	0.0	0.0
1913	**12**	2.2	0.0	0.0	15.2	2.5	0.0	2.0	0.0	0.0	0.1	0.1	0.0
1913	**13**	0.0	0.0	0.0	2.1	0.4	0.0	0.0	39.6	0.0	0.0	25.9	0.0
1913	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	2.2	0.0	0.0	0.0
1913	**15**	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.2	0.0
1913	**16**	0.4	0.0	0.0	0.0	3.4	0.0	0.1	0.4	0.0	0.0	0.0	0.0
1913	**17**	4.1	0.0	0.0	0.5	28.2	0.0	0.4	2.9	13.5	0.4	0.0	0.0
1913	**18**	0.9	0.0	5.7	6.2	0.1	0.0	0.6	0.0	16.5	0.0	0.0	8.5
1913	**19**	0.0	0.0	0.0	0.0	5.1	0.0	4.1	0.0	15.5	0.0	0.0	0.0
1913	**20**	8.0	0.0	0.0	0.0	10.7	2.1	2.8	4.3	3.3	0.0	0.0	0.0
1913	**21**	3.1	0.0	0.0	0.0	0.0	0.3	0.4	5.1	1.8	0.0	0.0	0.0
1913	**22**	0.0	0.0	0.9	0.0	0.0	20.6	0.0	0.0	0.0	0.0	0.2	0.1
1913	**23**	0.0	0.0	10.6	1.9	0.0	0.0	3.0	0.0	0.0	2.1	0.0	0.0
1913	**24**	0.0	0.0	13.9	9.4	1.2	0.0	13.0	0.0	0.0	0.0	8.1	0.0
1913	**25**	0.0	0.0	0.0	3.3	0.0	12.2	1.1	0.0	0.0	0.0	18.9	0.0
1913	**26**	0.0	0.0	1.3	0.0	0.0	3.6	0.0	0.0	0.0	0.0	20.9	0.0
1913	**27**	0.0	0.0	0.1	0.0	0.0	1.6	0.0	0.0	0.2	0.0	0.0	0.0
1913	**28**	0.0	3.0	0.0	0.0	0.0	4.2	3.0	0.0	0.0	0.0	0.0	0.3
1913	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	11.0
1913	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.1	6.7	14.5	0.0	6.1
1913	**31**	0.0		0.0		0.0		6.4	11.6		0.1		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1914	**1**	0.0	0.0	0.0	0.0	1.4	0.1	0.0	0.0	0.0	0.0	11.0	0.0
1914	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1914	**3**	0.1	0.0	0.0	1.1	0.0	0.0	21.9	0.0	0.0	0.0	0.1	0.0
1914	**4**	0.0	0.0	0.0	0.8	0.0	0.0	1.4	0.0	0.0	0.0	3.4	0.0
1914	**5**	0.0	0.0	0.0	35.2	0.6	37.7	0.3	0.0	0.0	0.0	7.1	3.5
1914	**6**	0.1	0.0	0.0	0.0	15.3	8.3	0.0	15.4	17.8	0.0	0.3	9.5
1914	**7**	0.1	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	1.0	0.0	0.0
1914	**8**	0.0	0.0	0.0	4.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1914	**9**	0.0	0.0	0.0	0.0	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0
1914	**10**	0.0	0.0	5.0	0.0	2.2	0.0	0.0	0.0	16.1	0.0	0.0	2.3
1914	**11**	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1914	**12**	0.0	0.1	0.6	0.0	0.0	0.1	0.0	0.0	2.3	0.0	0.0	7.6
1914	**13**	0.0	9.3	0.0	0.0	0.4	8.8	0.0	0.0	0.0	0.0	0.0	6.1
1914	**14**	3.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	31.8
1914	**15**	8.9	0.0	1.2	0.0	0.2	4.0	0.0	0.0	0.0	17.7	0.0	0.4
1914	**16**	0.0	0.0	0.0	9.9	0.0	1.6	11.8	0.7	0.0	13.9	0.0	0.0
1914	**17**	0.7	0.0	2.0	0.0	0.0	0.0	2.1	1.1	0.0	3.1	0.0	0.0
1914	**18**	0.0	0.5	16.0	0.0	0.0	0.0	0.0	0.6	0.0	2.7	0.0	0.0
1914	**19**	0.0	6.1	8.4	7.9	0.1	1.4	0.0	0.0	1.5	6.4	0.0	0.0
1914	**20**	0.0	0.0	7.9	0.2	0.0	2.1	0.0	0.0	0.1	11.5	0.0	2.7
1914	**21**	0.0	0.4	0.5	0.0	0.0	3.2	0.0	0.0	0.1	0.0	0.0	11.8
1914	**22**	0.0	0.3	12.7	0.0	0.0	0.1	0.2	0.0	1.0	0.0	1.2	0.3
1914	**23**	0.0	3.9	0.1	0.0	0.0	0.0	3.2	0.0	0.0	0.0	6.7	0.0
1914	**24**	0.0	0.0	8.4	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	2.8
1914	**25**	0.0	21.6	0.0	0.5	1.5	0.0	0.0	0.0	0.0	0.0	0.5	13.1
1914	**26**	0.0	33.7	0.0	0.2	35.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1914	**27**	0.0	2.9	0.0	0.0	38.8	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1914	**28**	13.5	2.0	0.0	0.0	1.1	0.0	3.7	0.7	0.0	10.3	0.0	0.0
1914	**29**	0.0		0.0	0.0	0.1	0.0	2.7	0.0	0.0	14.5	0.0	8.5
1914	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.6	0.0	1.7
1914	**31**	0.0		0.0		5.4		0.8	0.0		12.4		0.0
1915	**1**	20.7	0.0	0.0	0.2	0.0	31.2	3.1	0.0	0.0	0.9	12.3	5.6
1915	**2**	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.3	2.1	0.0	2.1
1915	**3**	7.5	0.0	0.0	0.0	0.0	0.0	0.0	5.2	5.0	1.8	23.4	0.0
1915	**4**	9.4	0.0	0.0	0.0	0.0	0.3	0.0	8.5	13.4	0.1	0.0	0.0
1915	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.8	0.0
1915	**6**	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.2	0.1
1915	**7**	0.1	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	6.2
1915	**8**	0.0	0.0	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.1	0.0	0.1
1915	**9**	2.1	11.6	1.2	4.4	1.4	9.0	0.0	0.0	9.2	0.0	0.7	0.0
1915	**10**	0.0	27.9	0.0	0.0	18.4	0.4	0.0	0.0	1.9	0.0	3.1	0.0
1915	**11**	0.0	15.0	0.0	0.0	3.8	15.1	0.0	0.0	0.0	0.0	0.0	0.9
1915	**12**	0.0	4.5	0.0	0.0	0.0	0.0	0.0	16.6	0.0	0.0	1.0	0.0
1915	**13**	0.0	0.0	0.0	0.1	0.0	0.0	0.0	15.2	0.0	3.8	6.6	2.5
1915	**14**	0.0	27.8	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.4	0.0	2.3
1915	**15**	0.0	0.0	0.0	0.0	0.0	0.1	17.7	0.0	0.0	1.2	5.6	0.0
1915	**16**	0.0	0.0	0.0	0.0	0.0	0.0	42.7	0.1	0.0	0.0	1.2	4.5
1915	**17**	0.0	0.0	0.0	0.1	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.7
1915	**18**	0.8	0.0	0.1	0.0	12.4	0.2	13.4	0.0	0.0	0.0	0.0	1.0
1915	**19**	0.0	10.8	24.0	0.1	11.8	20.2	0.0	0.0	0.0	0.0	0.0	19.2
1915	**20**	0.0	29.5	0.0	0.7	0.6	12.0	0.0	0.0	0.4	0.0	0.0	0.0
1915	**21**	0.1	4.2	0.0	6.8	0.0	0.0	0.0	23.3	0.0	0.0	0.2	0.0
1915	**22**	3.0	11.6	0.0	4.9	0.0	2.5	0.0	13.1	0.0	0.0	0.0	0.0
1915	**23**	11.3	22.0	0.0	0.3	0.0	2.8	0.0	0.0	0.0	0.0	0.0	1.0
1915	**24**	7.1	0.0	0.0	0.0	0.0	40.5	0.8	0.0	0.0	0.0	0.0	0.4
1915	**25**	1.0	0.0	4.5	2.9	0.3	2.9	0.0	0.0	20.4	0.0	0.0	1.9
1915	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
1915	**27**	7.6	0.0	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0
1915	**28**	4.8	0.0	0.5	0.0	2.0	3.2	0.0	0.0	22.6	0.0	0.0	0.0
1915	**29**	0.0		4.9	0.0	1.3	9.3	3.5	0.0	3.4	0.2	0.0	0.0
1915	**30**	0.0		1.4	0.0	0.0	0.1	8.0	0.0	14.3	2.2	1.3	0.0
1915	**31**	0.0		4.0		0.0		3.5	0.0		0.0		0.0

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		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1916	1	0.0	3.5	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1916	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0
1916	3	0.0	0.0	0.4	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0
1916	4	0.1	0.0	5.5	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	3.0
1916	5	0.0	0.0	4.1	0.8	0.1	0.0	0.0	7.2	3.8	0.0	4.3	26.0
1916	6	0.0	0.0	4.0	0.0	1.8	2.2	0.0	0.0	20.7	0.0	2.4	4.5
1916	7	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	27.3
1916	8	0.0	0.3	23.5	0.0	9.7	0.0	0.0	0.0	0.4	0.0	33.4	1.7
1916	9	0.0	16.2	44.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	55.3	15.8
1916	10	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	17.6	14.2
1916	11	0.0	0.0	11.8	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	10.5
1916	12	0.0	0.0	7.9	5.0	3.5	4.3	0.0	0.0	32.9	0.0	0.0	1.7
1916	13	0.0	0.0	5.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.9
1916	14	0.0	0.0	0.0	15.2	6.8	0.0	37.8	3.6	0.0	0.0	0.0	0.0
1916	15	0.0	0.0	9.0	0.0	0.0	0.0	58.4	0.0	0.0	0.0	2.5	3.8
1916	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.4	0.0
1916	17	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	3.7
1916	18	0.0	0.0	0.0	3.4	0.0	0.2	0.0	23.8	0.0	0.0	14.6	2.0
1916	19	0.0	0.0	0.0	0.1	0.0	0.2	8.1	0.7	0.0	0.0	17.8	3.4
1916	20	0.0	0.0	0.0	0.0	0.0	0.0	27.1	0.0	13.4	0.3	29.6	0.0
1916	21	0.0	0.0	34.4	0.0	0.4	0.0	2.2	0.0	27.3	40.1	6.4	1.6
1916	22	0.0	8.0	4.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.4
1916	23	0.0	0.1	10.4	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1916	24	0.0	3.7	3.0	3.0	7.9	0.0	1.1	0.5	0.0	1.6	0.0	1.9
1916	25	0.0	1.4	0.4	0.1	3.5	0.0	0.0	0.0	0.0	8.3	0.0	0.3
1916	26	0.0	9.6	0.0	0.7	0.3	1.6	3.2	0.0	0.0	3.9	3.8	0.0
1916	27	0.0	0.0	0.0	1.5	30.7	0.0	0.0	0.0	0.0	0.4	3.4	0.0
1916	28	0.0	2.4	0.0	0.1	4.3	0.0	1.1	0.0	3.2	0.0	4.3	0.0
1916	29	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	31.3	2.6	2.8	0.0
1916	30	0.0		11.6	0.1	0.0	0.0	0.0	7.4	0.0	0.6	0.0	0.0
1916	31	0.0		0.0		0.0		0.0	43.5		0.0		0.0
1917	1	0.1	0.0	0.0	0.2	0.0	4.2	0.4	15.9	0.0	0.0	0.0	0.0
1917	2	0.0	0.0	0.0	0.6	0.0	0.0	0.1	1.9	0.0	0.0	0.0	0.0
1917	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1917	4	0.0	2.6	3.3	0.0	0.0	0.0	7.0	0.0	0.0	0.2	0.0	0.0
1917	5	0.4	0.0	13.1	9.3	1.5	0.0	43.4	0.0	0.0	0.0	0.0	0.0
1917	6	0.0	0.5	0.1	4.6	7.4	0.0	3.6	0.0	0.0	9.0	0.0	0.0
1917	7	0.0	0.0	11.5	3.4	9.7	0.0	0.0	0.0	5.1	1.1	0.0	0.0
1917	8	0.0	0.0	0.3	22.1	11.4	0.0	7.7	0.0	0.0	0.0	7.0	0.0
1917	9	23.1	0.0	0.0	1.4	5.8	0.0	5.8	0.0	1.6	0.0	5.2	0.0
1917	10	4.8	0.0	0.0	0.0	0.0	0.0	2.2	0.6	0.0	0.0	12.7	0.0
1917	11	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	13.7	5.0	1.5
1917	12	0.0	0.5	11.2	0.0	0.0	0.6	4.8	0.0	0.4	0.0	1.6	15.1
1917	13	0.0	0.0	0.4	0.0	0.0	0.0	1.4	0.0	15.4	0.0	2.7	0.0
1917	14	0.0	0.0	0.3	19.5	0.4	0.0	0.0	0.0	0.0	3.7	1.9	0.0
1917	15	37.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1917	16	7.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	4.5
1917	17	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	0.0	5.4
1917	18	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0
1917	19	13.7	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
1917	20	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	26.8	0.0	0.0
1917	21	0.0	0.0	0.7	0.0	0.0	0.0	16.8	0.0	0.0	2.1	0.0	14.7
1917	22	0.0	0.0	7.3	0.0	0.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1917	23	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1917	24	9.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	21.4	0.0	0.0
1917	25	1.4	0.0	0.0	8.2	0.0	0.0	4.1	0.0	0.0	0.0	11.4	0.0
1917	26	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
1917	27	1.2	0.0	2.6	1.2	1.5	0.4	0.0	0.8	0.0	1.1	0.0	0.0
1917	28	0.2	0.0	0.0	0.0	31.9	0.0	0.0	0.0	0.0	19.8	0.0	1.5
1917	29	0.0		0.0	0.0	27.5	0.0	0.0	1.8	0.0	0.0	0.0	0.2
1917	30	0.0		0.4	0.0	0.2	0.0	0.0	0.0	0.0	11.9	0.0	0.0
1917	31	0.0		0.0		0.6		2.8	0.0		0.2		0.0

ESM 21. Santini & Lorenzoni periods Raw Precipitation Data (mm) : 1812-1919
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1918	**1**	0.0	0.0	0.4	18.9	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1918	**2**	0.0	0.0	0.0	2.8	0.0	0.0	0.2	0.0	9.3	38.7	0.0	0.0
1918	**3**	0.0	0.0	2.5	0.0	0.0	16.4	0.0	0.0	0.0	7.0	0.0	0.0
1918	**4**	0.0	0.0	0.0	0.0	0.0	27.7	0.0	10.5	0.0	0.0	0.0	0.0
1918	**5**	0.0	0.0	0.0	2.0	0.1	17.3	0.0	0.0	0.0	0.0	0.3	0.0
1918	**6**	0.0	0.0	4.2	0.0	0.1	9.4	15.5	0.0	0.0	0.0	0.0	0.0
1918	**7**	8.9	0.0	10.0	0.0	30.1	0.0	1.0	10.4	0.0	0.0	0.0	0.0
1918	**8**	26.7	0.0	1.4	0.0	0.6	0.0	0.0	0.0	2.1	0.0	0.0	0.0
1918	**9**	3.7	0.0	0.0	0.0	1.5	0.0	2.8	0.0	0.0	25.3	0.0	0.0
1918	**10**	0.0	0.0	0.0	20.1	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
1918	**11**	0.0	0.0	0.0	0.5	0.0	28.6	9.9	0.0	0.0	5.5	0.0	0.0
1918	**12**	0.0	0.0	0.0	0.0	0.0	30.8	21.5	0.0	0.0	2.0	0.0	0.0
1918	**13**	0.0	0.0	0.0	6.7	0.0	5.5	0.0	1.0	0.0	4.0	0.0	0.0
1918	**14**	0.0	0.0	0.0	4.7	4.9	0.0	0.0	0.0	0.0	8.8	0.0	0.0
1918	**15**	0.0	0.0	0.0	1.2	7.4	3.5	0.0	0.0	0.0	88.0	0.0	0.0
1918	**16**	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	8.7	0.0	0.0
1918	**17**	0.0	0.0	0.0	0.0	16.8	6.4	0.0	0.0	0.0	8.0	1.2	6.0
1918	**18**	0.0	0.0	0.0	10.7	0.0	3.2	0.0	0.0	0.0	7.0	0.0	4.8
1918	**19**	0.0	0.0	0.0	28.6	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0
1918	**20**	0.0	0.0	0.0	0.0	0.0	19.3	0.0	0.0	0.0	4.0	0.0	0.0
1918	**21**	0.0	0.0	0.0	14.0	0.0	3.0	0.0	0.0	0.0	2.7	0.0	0.0
1918	**22**	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1918	**23**	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	10.3	0.0	0.0	0.0
1918	**24**	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	22.2	19.0	0.0	0.0
1918	**25**	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	31.1	0.0	0.0	0.0
1918	**26**	0.0	0.0	0.0	12.1	15.1	0.0	1.5	0.0	0.0	0.0	0.0	14.5
1918	**27**	0.0	0.0	0.0	18.2	10.4	5.6	1.5	1.7	7.5	0.0	0.0	3.4
1918	**28**	0.0	0.9	0.0	14.1	0.0	0.0	2.8	0.0	0.2	0.0	0.0	0.0
1918	**29**	0.0		0.0	6.8	0.0	1.2	0.0	14.7	0.0	0.4	0.0	0.0
1918	**30**	0.0		0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1918	**31**	0.0		0.0		0.0		0.0	0.0		0.0		1.2
1919	**1**	1.2	0.0	6.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	41.9	0.0
1919	**2**	0.3	0.0	0.0	0.2	0.0	2.3	0.3	0.0	0.0	1.0	0.7	0.0
1919	**3**	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	8.0	0.0	0.0
1919	**4**	0.8	0.0	0.0	0.0	0.0	26.8	0.0	0.0	0.0	3.0	0.0	0.0
1919	**5**	6.0	0.0	0.7	0.0	1.1	0.0	0.0	48.1	0.0	0.0	19.7	0.0
1919	**6**	25.2	0.0	1.5	0.0	0.5	0.0	0.0	11.8	0.0	0.0	7.8	0.0
1919	**7**	22.6	0.0	4.4	5.0	0.0	1.1	3.7	0.0	0.0	0.0	4.0	0.0
1919	**8**	12.0	0.0	0.0	37.0	0.0	0.0	8.5	0.0	0.0	0.0	0.0	0.0
1919	**9**	35.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
1919	**10**	0.0	0.0	0.3	0.0	0.0	0.0	2.0	0.0	0.0	0.0	1.4	0.0
1919	**11**	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
1919	**12**	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
1919	**13**	3.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	0.0	0.3	0.0	0.0
1919	**14**	0.3	0.0	5.0	1.7	0.0	2.8	0.0	0.0	0.0	0.1	4.6	0.0
1919	**15**	0.0	0.0	0.0	4.8	0.0	0.0	7.7	0.0	0.0	0.0	1.6	0.0
1919	**16**	3.5	0.0	3.0	4.5	0.0	1.7	0.0	0.0	0.0	0.6	0.0	0.0
1919	**17**	6.8	15.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
1919	**18**	10.2	14.5	4.3	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1919	**19**	3.3	0.0	0.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
1919	**20**	0.0	0.0	0.3	6.0	1.3	0.0	0.0	0.0	8.0	0.2	1.1	0.0
1919	**21**	0.0	0.0	11.3	1.3	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0
1919	**22**	0.0	4.0	8.4	0.0	0.0	34.6	1.1	0.0	0.0	0.0	0.0	0.0
1919	**23**	0.0	18.5	0.0	8.4	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.0
1919	**24**	0.0	0.0	7.0	0.0	1.9	0.0	4.6	0.0	0.0	0.0	0.0	0.0
1919	**25**	0.0	0.0	0.0	0.0	0.0	23.5	3.3	0.0	0.0	0.0	44.9	0.0
1919	**26**	0.0	0.0	3.1	0.0	0.0	32.1	1.8	33.6	0.0	0.0	2.4	0.0
1919	**27**	14.4	1.3	0.0	3.1	2.0	0.5	0.0	0.0	0.0	9.0	11.3	0.0
1919	**28**	7.6	6.8	6.0	3.4	7.8	0.0	0.0	0.0	4.0	8.2	0.0	0.0
1919	**29**	0.0		0.6	3.5	0.0	0.0	10.0	0.0	3.0	0.0	3.8	0.0
1919	**30**	0.0		0.0	0.0	0.0	0.0	11.5	0.3	0.0	0.0	0.0	1.0
1919	**31**	0.0		0.0		0.0		0.0	0.0		1.8		1.3

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1920	**1**	8.5	0.0	0.0	0.0	0.0	11.1	2.2	1.7	0.2	0.0	0.0	0.5
1920	**2**	25.0	0.0	0.0	23.1	0.0	7.2	1.0	0.0	7.8	0.0	1.0	2.5
1920	**3**	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	26.8	0.0
1920	**4**	6.8	0.0	0.0	10.0	0.0	3.7	3.5	0.0	0.0	0.0	2.0	36.3
1920	**5**	40.0	0.0	0.0	0.0	56.4	0.0	0.0	0.0	0.0	0.0	0.0	2.9
1920	**6**	10.3	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.2	8.7
1920	**7**	7.1	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	10.4
1920	**8**	0.0	0.0	2.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	3.4	0.2
1920	**9**	0.0	0.0	28.4	0.0	0.0	13.4	0.0	0.0	0.0	0.3	0.0	0.0
1920	**10**	0.0	0.0	5.0	0.0	0.0	13.1	0.0	0.0	0.0	47.1	0.0	0.6
1920	**11**	0.0	0.0	0.0	22.4	0.0	0.0	0.0	0.0	0.0	11.4	0.0	3.1
1920	**12**	0.0	0.0	0.0	1.0	0.0	2.5	0.0	3.4	0.0	0.0	0.0	0.0
1920	**13**	0.0	0.0	0.0	21.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
1920	**14**	0.0	0.0	0.0	0.5	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0
1920	**15**	0.0	0.0	10.0	0.0	6.5	10.1	0.0	4.6	0.0	0.0	0.0	0.0
1920	**16**	0.0	0.0	29.2	0.0	0.0	17.6	0.0	14.7	0.0	0.0	0.0	2.2
1920	**17**	0.0	0.0	10.1	0.0	0.0	25.0	0.0	41.0	0.0	0.0	0.0	0.0
1920	**18**	0.0	0.0	0.0	0.7	0.0	6.4	0.0	0.0	0.0	15.3	0.0	0.0
1920	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	7.0	0.0	1.7
1920	**20**	3.7	14.5	0.0	0.0	0.0	7.8	0.0	0.0	0.7	0.0	0.0	0.6
1920	**21**	0.0	5.7	0.0	3.6	0.0	0.0	0.0	1.1	0.5	1.6	0.0	0.0
1920	**22**	0.0	0.6	0.0	7.0	0.0	0.5	0.0	0.3	46.9	0.2	0.0	0.0
1920	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1920	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
1920	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.0	0.0	0.0	0.0
1920	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1920	**27**	0.0	0.0	0.0	27.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1920	**28**	0.0	0.0	0.0	0.0	0.0	3.5	5.2	0.0	40.2	0.0	0.0	0.0
1920	**29**	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	10.7	0.0
1920	**30**	3.3		16.8	0.0	18.3	0.0	0.0	0.0	4.3	0.0	0.0	0.0
1920	**31**	0.0		13.2		0.0		0.0	7.5		0.0		0.0
1921	**1**	0.0	6.5	0.0	0.0	13.9	0.0	0.0	7.9	0.0	0.0	0.0	0.0
1921	**2**	0.0	0.0	0.0	0.0	22.8	0.0	0.0	0.0	0.0	0.0	0.0	0.9
1921	**3**	0.3	10.3	0.0	0.0	15.4	0.0	0.0	0.0	0.0	0.0	0.0	3.0
1921	**4**	0.0	0.0	0.0	0.0	2.6	0.0	0.0	2.6	11.0	0.0	0.0	0.0
1921	**5**	0.0	0.0	0.0	8.7	5.6	0.0	0.0	0.0	0.2	0.0	5.0	0.0
1921	**6**	0.7	5.1	1.9	4.1	0.0	36.9	0.0	0.0	14.8	0.0	0.2	0.0
1921	**7**	0.0	11.5	2.3	0.0	0.0	8.8	0.1	0.0	0.0	0.0	0.2	0.0
1921	**8**	0.0	0.4	0.5	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.3	0.0
1921	**9**	0.4	0.0	0.0	1.8	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
1921	**10**	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1921	**11**	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1921	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.6	0.0	0.0	0.0	0.0
1921	**13**	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921	**14**	7.0	0.0	0.0	1.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
1921	**15**	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921	**16**	0.0	0.0	0.0	8.5	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0
1921	**17**	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921	**18**	0.0	0.0	0.0	1.5	0.2	0.0	2.4	0.0	0.2	0.0	0.0	0.0
1921	**19**	0.0	0.0	0.0	0.4	0.0	22.6	0.0	0.0	7.0	0.0	0.0	0.0
1921	**20**	0.0	0.0	1.4	19.6	0.0	4.3	0.0	11.8	0.0	0.0	0.0	0.0
1921	**21**	0.0	0.0	8.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.7	0.0	2.0
1921	**24**	0.0	0.0	0.0	0.0	4.0	0.0	0.0	1.5	0.0	2.4	0.0	6.7
1921	**25**	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
1921	**26**	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1921	**27**	0.0	0.0	0.5	0.0	0.2	0.0	0.0	0.0	0.7	0.0	0.0	0.0
1921	**28**	0.0	0.0	2.2	11.5	1.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0
1921	**29**	0.0		2.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1921	**30**	0.0		0.0	29.8	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.5
1921	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1922	**1**	0.0	3.5	0.0	15.7	18.8	0.0	0.7	0.0	3.0	0.0	0.0	0.0
1922	**2**	0.0	0.0	3.0	0.0	0.8	0.0	0.0	0.0	0.8	0.0	1.0	1.0
1922	**3**	0.1	0.3	0.0	1.0	0.0	0.0	0.0	0.0	20.2	0.0	14.0	0.0
1922	**4**	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	21.3	0.0	9.2	0.0
1922	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1922	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.9	0.2	0.0	0.0
1922	**7**	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0
1922	**8**	0.0	0.0	3.8	0.0	0.0	18.5	0.0	0.0	1.0	0.0	0.0	0.0
1922	**9**	0.0	0.0	1.0	0.0	0.0	3.7	0.0	0.0	0.0	53.3	0.0	0.0
1922	**10**	0.0	0.0	0.3	10.2	0.0	11.6	0.0	0.0	9.4	0.6	0.0	0.0
1922	**11**	0.0	0.0	1.0	14.8	0.0	0.0	0.0	0.0	0.5	11.2	0.0	0.0
1922	**12**	0.0	0.0	0.0	0.0	0.0	14.2	3.0	0.0	16.0	0.5	0.0	0.0
1922	**13**	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	17.8	0.0	0.0	0.0
1922	**14**	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1922	**15**	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1922	**16**	0.0	2.1	0.3	1.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1922	**17**	1.8	0.0	0.0	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1922	**18**	3.1	0.0	0.0	1.1	0.0	21.3	0.0	0.0	0.0	0.3	0.0	0.0
1922	**19**	0.0	6.0	0.0	3.7	0.0	6.1	0.0	0.0	0.0	8.8	0.0	4.0
1922	**20**	0.0	0.0	14.5	2.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	15.2
1922	**21**	0.0	0.0	3.1	13.3	0.0	0.0	0.0	0.0	0.0	0.7	0.0	36.2
1922	**22**	0.0	8.1	30.0	1.7	0.0	0.0	0.0	0.0	0.0	12.8	0.0	1.0
1922	**23**	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2
1922	**24**	0.0	0.0	5.2	0.2	0.0	0.0	0.0	0.0	0.0	4.2	0.0	0.0
1922	**25**	0.0	0.0	0.4	20.6	0.0	3.7	4.2	0.0	0.0	0.0	0.0	0.0
1922	**26**	0.0	0.0	8.0	0.0	0.0	0.0	0.2	0.0	0.0	8.3	0.0	0.0
1922	**27**	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0
1922	**28**	0.0	0.0	0.5	2.3	0.0	0.0	1.3	0.0	4.1	0.0	0.0	0.8
1922	**29**	0.0		0.0	6.4	0.0	0.0	0.0	0.0	13.0	5.7	0.0	0.0
1922	**30**	0.2		0.0	5.0	0.0	6.0	0.0	12.0	7.9	26.0	0.0	1.0
1922	**31**	43.9		6.7		0.0		0.0	0.0		0.0		0.0
1923	**1**	0.2	0.0	0.0	0.0	0.0	1.6	0.0	0.0	7.4	0.0	0.0	25.4
1923	**2**	0.0	0.0	0.0	6.7	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0
1923	**3**	0.0	0.0	33.8	0.0	0.0	0.0	4.9	0.0	1.1	1.0	0.0	4.9
1923	**4**	0.0	0.9	0.2	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	2.7
1923	**5**	0.0	0.0	1.4	0.0	0.0	24.8	0.0	0.0	0.0	0.0	2.1	18.2
1923	**6**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	5.4
1923	**7**	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	3.5	4.4
1923	**8**	0.0	0.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
1923	**9**	0.0	8.5	2.1	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3
1923	**10**	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0
1923	**11**	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0
1923	**12**	43.6	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	**13**	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
1923	**14**	0.0	0.0	3.7	4.1	0.0	0.0	0.0	0.0	6.9	1.1	3.2	0.0
1923	**15**	0.0	0.0	3.5	5.5	0.2	0.0	0.0	0.0	48.0	0.0	7.4	0.0
1923	**16**	0.0	0.0	0.0	4.4	0.0	22.5	0.0	0.0	0.0	0.0	0.0	0.0
1923	**17**	0.0	0.0	0.0	0.4	2.4	11.0	0.0	3.7	3.8	0.0	0.0	0.0
1923	**18**	0.0	0.0	0.0	0.0	15.8	24.0	8.9	0.0	28.9	0.0	10.1	0.0
1923	**19**	0.0	54.0	0.0	0.0	0.0	7.3	1.9	0.0	5.1	0.0	16.5	0.0
1923	**20**	0.0	0.0	0.0	0.7	0.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0
1923	**21**	0.0	0.0	0.0	2.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1923	**22**	0.0	0.0	0.0	0.3	0.0	0.0	0.0	29.8	0.0	0.5	6.8	0.0
1923	**23**	0.0	8.8	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.0
1923	**24**	0.0	0.0	0.0	0.5	0.0	0.0	0.0	4.2	0.0	0.0	13.6	0.0
1923	**25**	0.0	2.1	0.0	0.2	0.0	0.0	0.0	0.1	0.0	0.0	9.5	0.0
1923	**26**	0.0	0.0	0.0	0.0	5.6	58.0	0.0	0.0	0.0	0.0	11.0	0.0
1923	**27**	0.0	34.0	0.0	4.0	0.0	4.7	0.9	0.0	0.0	0.2	9.0	0.0
1923	**28**	0.0	0.0	0.0	19.4	0.8	0.0	4.5	0.0	0.0	0.6	0.9	2.6
1923	**29**	0.0		0.0	0.2	0.4	0.0	3.2	0.0	0.0	0.0	2.4	0.0
1923	**30**	0.1		0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1923	**31**	0.2		0.0		0.0		0.0	0.0		0.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1924	**1**	0.0	0.0	0.0	47.1	0.0	0.0	1.8	0.0	0.0	8.7	0.0	0.0
1924	**2**	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.7	13.2	29.9	0.0	4.4
1924	**3**	0.0	0.0	6.4	16.5	0.0	0.0	0.6	5.7	0.2	0.9	0.0	27.4
1924	**4**	23.5	0.0	0.0	0.0	0.0	2.5	0.0	0.0	9.9	0.0	0.0	0.8
1924	**5**	8.5	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	9.7	0.0	0.0
1924	**6**	0.0	0.0	0.0	22.3	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.0
1924	**7**	0.0	0.0	9.8	3.4	0.0	0.0	1.0	0.0	0.5	0.0	0.0	1.0
1924	**8**	0.3	0.0	0.0	0.5	0.8	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1924	**9**	30.2	0.0	0.0	0.1	2.6	8.6	10.6	1.0	0.0	0.0	0.0	0.0
1924	**10**	0.0	27.6	0.0	0.6	2.2	0.0	0.1	0.2	0.0	0.0	0.7	0.0
1924	**11**	2.6	1.1	0.0	7.6	9.8	0.0	0.0	0.0	5.4	0.0	0.0	0.0
1924	**12**	2.7	0.0	0.0	0.0	0.0	16.7	0.0	3.2	0.0	0.0	0.0	0.0
1924	**13**	0.1	17.1	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0
1924	**14**	0.0	0.2	0.0	0.0	0.0	2.4	0.0	26.1	0.0	0.0	0.0	0.0
1924	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.2
1924	**16**	6.1	0.0	0.0	0.5	0.0	0.0	0.0	31.1	0.0	0.0	0.0	0.3
1924	**17**	18.3	0.0	0.0	28.5	0.0	0.0	7.8	57.8	0.0	0.1	0.0	0.0
1924	**18**	0.0	0.0	0.0	9.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
1924	**19**	0.4	0.0	0.0	0.0	0.0	0.0	11.7	0.1	0.0	0.0	0.0	0.0
1924	**20**	14.4	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0
1924	**21**	0.0	0.0	10.0	0.0	0.0	13.8	0.0	1.8	0.2	0.0	0.0	0.0
1924	**22**	0.0	0.0	6.5	0.0	0.0	0.6	0.0	0.0	0.2	0.0	0.0	0.0
1924	**23**	0.0	0.0	2.4	0.0	0.0	2.7	1.4	1.0	0.1	5.7	0.0	0.0
1924	**24**	0.0	0.0	4.2	0.0	0.0	22.7	0.0	0.0	10.0	54.1	0.0	0.0
1924	**25**	0.0	0.0	1.0	0.0	0.0	0.2	0.2	0.0	0.0	21.9	0.0	0.0
1924	**26**	0.0	0.0	0.1	0.0	6.0	1.2	14.2	0.0	13.2	0.0	0.0	0.0
1924	**27**	0.0	12.3	0.0	0.0	31.2	0.0	5.7	0.3	0.6	0.1	0.0	0.2
1924	**28**	0.0	0.0	0.9	0.0	12.0	7.2	0.0	1.2	0.0	9.0	0.0	3.0
1924	**29**	0.3	0.0	0.0	0.0	0.1	0.0	25.1	0.0	16.6	0.3	0.0	6.3
1924	**30**	0.0		0.5	0.0	0.0	22.0	18.3	0.0	0.0	1.7	0.0	0.0
1924	**31**	0.0		4.0		0.0		0.0	0.0		0.3		0.0
1925	**1**	0.0	0.2	8.6	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1925	**2**	0.0	0.3	0.7	0.0	10.5	0.0	7.4	9.7	0.0	0.0	0.3	0.0
1925	**3**	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0
1925	**4**	0.0	0.0	0.2	1.8	0.0	0.0	0.3	0.1	0.0	0.0	0.4	0.0
1925	**5**	0.2	0.0	0.5	1.2	0.1	0.0	0.0	0.6	0.0	0.0	0.8	0.0
1925	**6**	2.8	0.0	0.0	0.0	0.2	0.0	12.7	1.1	0.0	0.0	52.0	0.0
1925	**7**	0.2	1.1	0.0	0.3	19.8	0.0	0.0	0.0	12.6	0.0	2.2	0.0
1925	**8**	0.2	5.9	0.0	17.8	0.0	0.0	9.8	0.0	0.0	0.0	23.1	0.0
1925	**9**	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	9.6	0.0
1925	**10**	0.0	0.0	18.3	0.0	0.6	0.0	8.3	0.0	4.4	0.0	1.2	0.0
1925	**11**	0.0	0.0	0.0	2.7	15.4	0.0	0.3	0.0	0.0	0.0	3.0	0.2
1925	**12**	0.2	5.5	0.2	0.0	3.9	0.0	0.4	0.0	2.9	0.0	5.8	0.0
1925	**13**	0.0	12.2	0.0	0.0	0.0	13.2	0.0	23.6	0.0	0.0	0.5	0.2
1925	**14**	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0
1925	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1925	**16**	0.2	10.1	0.0	0.1	0.0	0.0	10.6	0.0	0.0	0.0	0.4	0.0
1925	**17**	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
1925	**18**	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1925	**19**	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1925	**20**	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	28.9
1925	**21**	0.0	0.2	0.0	1.2	0.0	0.0	0.0	0.0	2.9	0.0	0.0	2.9
1925	**22**	0.0	4.9	1.5	15.9	0.0	20.2	0.0	0.5	7.7	0.0	1.6	3.4
1925	**23**	0.0	0.3	4.2	0.0	0.0	7.0	0.0	0.0	0.0	19.2	1.5	0.2
1925	**24**	0.0	0.0	0.0	4.0	6.5	32.6	0.0	11.0	0.2	13.9	0.0	0.0
1925	**25**	0.0	0.0	0.6	21.9	0.0	16.2	8.9	11.3	0.0	0.3	1.2	0.2
1925	**26**	2.9	0.0	14.3	2.3	3.1	9.9	0.0	0.0	0.0	0.2	0.0	0.3
1925	**27**	7.5	3.3	9.6	12.9	12.7	39.5	0.0	0.0	17.9	0.0	0.0	0.0
1925	**28**	0.6	0.0	0.8	0.1	0.0	0.0	0.0	0.0	4.3	0.0	9.8	0.1
1925	**29**	0.0		0.7	0.1	7.1	0.0	0.0	0.0	0.1	0.0	0.0	0.2
1925	**30**	0.0		0.0	1.7	0.0	0.0	17.2	0.0	8.4	0.0	0.0	0.0
1925	**31**	0.8		0.0		0.0		0.0	1.8		0.0		0.1

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1926	**1**	0.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	40.0	3.7
1926	**2**	5.8	2.2	0.0	0.0	11.5	0.0	0.0	3.6	0.0	0.0	9.5	3.0
1926	**3**	9.4	5.5	0.0	0.0	2.1	27.8	0.0	0.0	3.0	0.0	2.0	0.0
1926	**4**	0.1	0.0	0.0	0.0	0.0	0.0	5.5	10.4	0.2	0.0	0.0	2.7
1926	**5**	0.3	0.0	0.0	0.0	6.8	0.0	2.5	9.2	0.0	0.0	2.8	0.0
1926	**6**	0.0	0.0	0.0	0.0	18.0	9.4	0.2	0.0	0.4	0.0	0.2	0.3
1926	**7**	0.0	6.9	0.0	0.0	2.3	0.0	0.0	11.3	0.0	0.0	8.9	0.0
1926	**8**	0.0	0.0	0.0	4.8	6.2	0.0	49.8	32.5	0.0	2.6	0.8	0.0
1926	**9**	0.0	3.8	0.0	5.7	0.0	0.0	0.0	0.5	0.0	11.8	10.7	0.0
1926	**10**	0.0	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1	0.0
1926	**11**	0.0	8.3	0.0	0.0	0.0	0.0	25.5	0.0	0.0	0.0	0.5	0.0
1926	**12**	0.2	6.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.3
1926	**13**	0.0	0.1	0.0	0.0	0.0	4.9	0.7	0.0	0.0	0.0	0.0	0.3
1926	**14**	10.2	0.0	0.0	0.0	0.4	0.0	5.5	0.0	0.0	0.0	0.0	0.2
1926	**15**	33.4	0.0	0.0	0.0	40.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1926	**16**	0.0	0.0	0.0	0.0	40.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1
1926	**17**	0.0	0.0	0.0	1.0	6.7	0.4	0.0	0.0	0.0	0.0	0.3	0.1
1926	**18**	0.0	0.0	0.0	2.6	0.3	0.2	0.0	0.0	0.0	0.2	3.0	0.1
1926	**19**	0.0	0.0	0.0	12.7	2.5	0.0	0.0	0.0	0.0	0.0	12.9	0.1
1926	**20**	0.0	0.2	0.0	4.1	0.0	0.0	0.0	0.3	0.0	0.0	1.5	0.1
1926	**21**	0.0	0.3	0.0	0.0	0.0	0.0	10.8	0.0	0.0	7.0	2.2	0.4
1926	**22**	0.2	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	18.8	18.7	0.0
1926	**23**	0.0	0.0	1.9	15.6	0.0	0.0	0.1	0.0	0.0	2.8	3.1	0.0
1926	**24**	0.0	0.0	0.0	0.0	0.0	8.9	0.0	0.0	1.4	2.0	0.2	4.0
1926	**25**	0.0	0.0	0.0	1.7	0.0	11.2	0.0	0.0	1.4	0.0	0.0	3.0
1926	**26**	0.0	0.0	1.3	20.3	0.0	0.0	0.0	0.0	0.0	12.6	0.3	7.8
1926	**27**	0.0	0.0	14.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2
1926	**28**	0.0	0.0	21.0	4.3	0.0	0.0	3.2	0.0	19.2	4.3	0.0	0.2
1926	**29**	1.5		2.3	0.0	0.0	0.0	0.0	0.0	1.6	12.9	0.0	0.2
1926	**30**	0.3		0.1	0.0	0.0	1.4	0.0	0.0	0.4	16.1	0.0	0.0
1926	**31**	10.0		0.5		0.0		4.1	0.0		0.0		0.0
1927	**1**	0.0	5.8	1.0	9.8	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0
1927	**2**	0.0	0.0	10.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
1927	**3**	0.5	0.2	0.2	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1927	**4**	6.0	0.1	0.0	0.0	5.4	12.5	0.0	0.0	4.4	0.0	0.0	0.4
1927	**5**	0.4	0.1	1.8	0.0	21.6	0.9	0.0	0.0	0.0	4.9	0.4	0.0
1927	**6**	0.0	1.1	13.4	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	28.0
1927	**7**	0.2	0.0	0.1	0.0	0.7	0.0	0.0	1.2	0.1	0.0	0.7	21.4
1927	**8**	40.5	0.0	2.1	0.0	3.7	0.0	1.5	0.0	52.4	0.0	1.2	0.0
1927	**9**	0.2	0.0	0.0	2.6	5.1	0.0	0.0	0.0	6.0	0.0	3.8	0.0
1927	**10**	0.1	0.0	35.5	3.3	7.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0
1927	**11**	0.1	0.0	3.8	0.9	28.0	3.0	0.0	0.0	0.0	0.0	0.2	0.0
1927	**12**	0.2	0.0	3.9	0.1	0.0	0.0	21.5	0.0	1.3	0.0	9.3	10.4
1927	**13**	0.0	0.0	24.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	17.4	0.0
1927	**14**	9.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
1927	**15**	0.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4
1927	**16**	49.0	0.0	0.0	0.0	0.0	0.0	0.8	2.8	8.9	15.0	0.0	5.8
1927	**17**	0.4	0.0	0.0	2.2	0.0	0.0	0.5	0.0	0.5	1.3	0.0	0.0
1927	**18**	1.3	0.0	0.0	0.0	1.2	1.6	0.0	0.0	0.0	0.0	0.0	0.3
1927	**19**	3.4	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.9	2.3	0.0
1927	**20**	28.0	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.0	0.2	3.3	0.0
1927	**21**	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	16.1	0.0
1927	**22**	31.3	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.4	20.9	13.5
1927	**23**	3.0	9.7	0.0	0.0	11.0	4.5	5.7	0.0	4.3	8.3	4.3	0.0
1927	**24**	0.0	0.0	19.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0
1927	**25**	0.0	2.0	3.1	0.0	0.0	2.9	0.0	0.0	0.5	0.2	7.6	0.2
1927	**26**	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	21.0
1927	**27**	0.0	0.8	4.7	0.0	0.0	29.8	0.0	0.0	0.1	0.2	0.0	2.8
1927	**28**	0.3	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	8.0
1927	**29**	0.0		3.0	0.0	0.0	0.0	2.1	0.0	0.0	0.2	0.7	0.0
1927	**30**	17.5		0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	4.0	0.0
1927	**31**	8.2		7.8		0.0		0.0	0.0		0.0		0.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1928	**1**	0.0	0.0	0.0	10.5	7.7	5.4	0.0	0.0	0.0	0.0	8.6	0.0
1928	**2**	0.0	23.2	4.5	20.4	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0
1928	**3**	0.0	0.0	1.9	0.1	0.0	0.0	0.0	0.0	6.3	0.0	18.4	0.0
1928	**4**	0.0	0.0	2.2	0.0	0.1	0.0	0.0	0.0	0.0	2.7	6.2	0.0
1928	**5**	0.0	0.0	2.6	3.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	**6**	0.0	0.0	9.2	0.7	1.0	0.0	0.0	2.1	0.0	0.0	0.7	0.0
1928	**7**	0.0	0.0	0.0	0.0	0.3	4.7	0.0	0.0	0.0	0.0	27.7	0.0
1928	**8**	0.2	0.0	0.0	6.5	0.3	0.0	0.0	0.0	0.0	0.0	29.5	4.1
1928	**9**	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.8	1.5
1928	**10**	0.0	0.0	19.0	0.0	1.2	0.0	0.0	0.0	0.0	28.3	0.0	10.7
1928	**11**	0.0	0.0	39.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2
1928	**12**	0.0	0.0	17.7	10.2	0.0	0.0	0.0	0.0	17.6	0.0	0.0	6.9
1928	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	3.2	0.0	0.0
1928	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	1.0	0.0	0.0
1928	**15**	0.0	0.0	0.0	1.1	11.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0
1928	**16**	14.8	0.0	0.0	3.5	1.9	0.0	0.0	5.3	10.4	0.0	0.0	0.0
1928	**17**	2.4	0.0	0.0	0.9	2.3	8.9	0.0	0.0	15.6	0.0	0.0	0.0
1928	**18**	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0
1928	**19**	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	7.4	0.0	0.0	0.0
1928	**20**	4.2	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1928	**21**	0.0	0.0	14.4	0.0	4.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0
1928	**22**	0.0	0.0	7.1	0.0	2.0	0.0	0.0	17.8	2.5	24.7	0.0	0.0
1928	**23**	0.0	0.0	0.7	11.1	7.8	0.0	0.0	0.0	4.5	7.2	0.0	0.0
1928	**24**	0.0	0.0	25.6	0.2	1.4	0.0	0.0	0.0	3.1	1.4	14.3	0.0
1928	**25**	2.8	0.0	59.9	0.0	0.0	0.0	0.0	0.0	2.0	3.0	0.0	0.0
1928	**26**	0.2	0.0	25.1	0.0	0.0	0.0	0.0	0.0	23.0	0.2	1.6	0.0
1928	**27**	0.6	0.0	1.1	0.0	0.0	0.0	0.0	0.0	4.4	16.4	0.0	0.0
1928	**28**	1.4	0.0	5.4	0.0	0.0	3.5	0.0	0.0	5.1	24.3	0.0	0.0
1928	**29**	2.2	0.0	0.0	12.6	0.0	0.0	0.0	0.0	5.8	6.7	0.0	0.9
1928	**30**	1.2		0.0	0.0	0.2	0.0	0.0	12.9	10.4	16.9	0.0	1.2
1928	**31**	9.6		0.0		0.0		0.0	0.0		22.7		0.8
1929	**1**	12.5	0.0	0.0	0.1	0.0	40.2	1.7	0.0	0.0	0.0	21.8	14.1
1929	**2**	20.8	0.0	0.0	0.0	0.9	0.2	0.0	0.2	0.0	0.0	13.2	0.0
1929	**3**	3.5	0.0	0.0	0.0	15.1	0.0	0.0	0.0	0.0	0.0	27.4	0.0
1929	**4**	6.4	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
1929	**5**	4.5	0.0	0.0	0.0	0.0	4.8	0.0	1.8	0.0	0.0	0.0	0.0
1929	**6**	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.7
1929	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.0	0.0	1.2
1929	**8**	0.0	0.0	0.0	0.0	1.5	0.0	2.5	0.0	0.0	22.5	14.0	7.8
1929	**9**	0.0	0.0	0.0	0.0	4.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0
1929	**10**	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.9	0.0	0.5	0.8	2.9
1929	**11**	0.0	2.8	0.0	0.0	3.2	0.0	0.0	0.1	0.0	0.0	51.0	0.0
1929	**12**	0.0	0.4	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0
1929	**13**	0.0	3.5	0.0	7.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.0
1929	**14**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	14.0	0.0	0.0	0.0
1929	**15**	0.0	0.0	0.0	18.7	6.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0
1929	**16**	0.0	0.0	0.0	0.3	28.6	0.0	0.0	0.0	5.2	0.0	0.0	0.0
1929	**17**	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.2	0.0	0.0	0.0
1929	**18**	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	9.0	0.0
1929	**19**	0.0	0.0	0.0	0.0	14.9	0.0	0.0	12.7	0.0	35.8	0.0	0.0
1929	**20**	0.0	0.4	0.0	0.0	5.8	0.8	0.0	0.0	0.0	0.7	0.0	0.0
1929	**21**	0.0	0.0	0.0	0.1	0.0	8.0	0.0	21.0	0.0	0.1	0.0	0.0
1929	**22**	0.0	0.0	0.0	10.1	0.0	30.3	0.0	3.1	0.0	0.0	0.0	0.0
1929	**23**	0.0	0.0	5.9	2.2	0.0	18.7	0.0	0.0	0.0	0.0	0.0	0.9
1929	**24**	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1929	**25**	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.3	0.0
1929	**26**	9.0	1.1	0.0	0.0	0.0	6.0	0.0	0.0	0.0	3.9	0.0	9.6
1929	**27**	0.5	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	1.5	0.2	67.5
1929	**28**	0.0	0.0	0.0	0.0	0.0	1.2	0.1	0.0	0.0	12.5	0.0	0.3
1929	**29**	0.0		0.0	0.2	0.0	0.0	1.1	0.0	0.0	0.0	2.8	0.0
1929	**30**	0.0		0.0	1.4	0.4	0.2	0.2	0.0	0.0	5.5	7.5	0.0
1929	**31**	0.0		0.0		0.0		1.9	0.0		15.7		0.9

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1930	**1**	0.0	16.1	5.7	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1930	**2**	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	12.3	0.0
1930	**3**	0.0	0.0	0.0	1.3	1.2	0.1	0.0	4.0	0.0	1.0	8.4	0.0
1930	**4**	0.0	0.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0
1930	**5**	0.4	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	**6**	0.0	1.9	0.0	3.6	0.0	0.0	0.0	5.7	0.0	0.0	0.5	0.0
1930	**7**	0.0	0.0	0.5	1.1	29.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	**8**	0.0	0.0	4.2	0.2	1.4	0.0	0.0	30.1	0.0	0.0	0.0	24.1
1930	**9**	0.0	0.0	0.0	0.3	2.1	1.9	20.1	0.0	0.0	0.8	0.0	6.7
1930	**10**	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	34.3	9.1	0.0	3.2
1930	**11**	0.4	0.0	14.0	0.0	0.6	0.0	13.1	0.0	6.5	0.0	0.0	0.0
1930	**12**	9.0	0.0	7.3	0.0	3.6	0.0	5.5	0.0	9.5	0.6	0.0	0.0
1930	**13**	0.0	0.0	0.0	8.3	0.0	0.0	3.5	2.7	7.9	3.2	0.0	0.0
1930	**14**	0.0	0.0	0.6	16.2	14.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0
1930	**15**	0.0	0.0	10.4	2.0	0.0	0.0	7.6	0.0	3.4	0.0	0.0	0.0
1930	**16**	2.7	0.0	2.9	1.0	0.0	3.0	0.0	0.0	4.8	0.0	0.0	0.0
1930	**17**	9.7	9.8	2.6	3.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
1930	**18**	0.0	12.0	3.4	12.5	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0
1930	**19**	0.0	0.0	2.7	3.6	76.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	**20**	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.3	4.4	24.4	0.0	0.0
1930	**21**	0.0	0.0	0.0	1.1	4.2	0.0	0.0	0.1	2.2	6.8	0.0	9.7
1930	**22**	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	0.1	0.0	1.0
1930	**23**	0.0	0.0	4.4	0.0	17.4	0.0	0.0	0.0	0.0	0.5	0.0	0.0
1930	**24**	0.9	0.0	14.8	0.0	18.0	0.0	8.7	0.0	0.0	0.0	0.0	0.0
1930	**25**	2.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	17.3	0.0	0.0
1930	**26**	7.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	**27**	11.1	6.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
1930	**28**	13.8	14.0	0.0	0.0	0.0	26.8	0.0	0.0	8.7	0.0	0.0	0.0
1930	**29**	0.0		0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.3
1930	**30**	0.0		12.0	1.3	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0
1930	**31**	0.0		1.3		0.0		0.6	0.0		0.0		7.0
1931	**1**	4.5	0.0	2.8	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1931	**2**	4.0	0.0	0.0	0.0	2.5	18.0	0.1	0.2	0.0	0.0	0.0	0.0
1931	**3**	1.4	0.0	0.0	2.3	31.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
1931	**4**	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	24.2	0.0	0.0	0.0
1931	**5**	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	**6**	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0	14.2	0.0
1931	**7**	0.0	0.0	19.5	0.0	1.2	11.8	0.0	0.0	0.0	0.0	20.6	1.9
1931	**8**	0.0	0.0	3.1	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	**9**	0.0	0.0	11.7	0.0	2.8	0.5	0.0	0.5	0.0	0.0	29.0	0.0
1931	**10**	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10.0	0.2
1931	**11**	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.5
1931	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0	3.5	0.0
1931	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	40.5	0.0
1931	**14**	1.1	71.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.2	0.0
1931	**15**	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	22.2	0.0
1931	**16**	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.7	0.0	2.9	0.0
1931	**17**	0.0	13.8	0.0	52.2	4.7	0.0	0.0	0.0	0.0	0.0	1.3	0.0
1931	**18**	0.0	5.2	0.0	12.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	**19**	0.0	25.9	0.0	5.4	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	**20**	0.0	10.0	24.1	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1931	**21**	0.0	19.4	0.2	0.0	0.3	0.0	17.5	0.0	3.7	0.0	0.0	0.0
1931	**22**	0.0	0.2	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0
1931	**23**	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0
1931	**24**	7.1	0.6	0.0	0.0	0.0	0.0	0.0	2.5	0.0	17.6	0.0	0.0
1931	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	0.0	6.9	0.0	0.0
1931	**26**	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	9.6	0.0	0.0
1931	**27**	0.0	0.0	0.0	3.2	1.4	0.0	0.0	2.6	0.0	0.0	29.7	0.0
1931	**28**	0.0	1.9	0.0	0.0	0.0	0.0	9.4	0.0	0.7	4.1	5.5	0.0
1931	**29**	0.0		0.0	0.1	0.0	0.0	0.0	0.0	0.0	7.0	5.6	0.5
1931	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
1931	**31**	13.1		0.0		5.3		0.0	1.6		0.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1932	**1**	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	9.5
1932	**2**	0.0	0.0	0.0	1.0	9.6	0.0	9.2	0.0	0.0	0.0	0.0	15.5
1932	**3**	0.0	0.0	0.0	9.8	1.1	11.7	5.9	0.0	0.0	0.0	0.0	0.4
1932	**4**	0.0	0.0	0.0	7.0	14.6	0.0	0.0	1.8	0.0	0.9	0.1	0.2
1932	**5**	0.0	0.0	0.0	6.3	5.9	0.0	0.0	0.0	0.0	2.7	0.4	33.3
1932	**6**	0.0	0.0	0.9	0.8	0.3	0.1	0.0	0.0	0.0	21.8	0.0	0.0
1932	**7**	2.0	0.0	8.6	0.0	2.9	11.3	0.0	0.0	0.1	18.7	0.7	0.0
1932	**8**	3.1	0.0	0.0	0.5	14.2	2.7	1.1	0.0	0.0	4.2	1.2	0.0
1932	**9**	12.0	4.8	0.0	0.0	0.0	0.0	3.8	0.0	0.0	2.8	1.5	0.0
1932	**10**	0.3	0.0	0.3	0.0	0.0	0.0	0.5	0.0	0.0	0.3	29.8	2.1
1932	**11**	0.2	0.0	0.4	4.7	0.0	0.0	1.9	0.0	0.0	0.0	48.0	4.4
1932	**12**	10.5	0.0	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0
1932	**13**	0.0	0.0	1.2	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.2
1932	**14**	0.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	1.0	0.0	0.2
1932	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.2	0.0
1932	**16**	0.0	0.0	0.0	0.0	0.2	2.8	0.0	0.0	0.0	1.0	0.2	0.4
1932	**17**	0.0	0.0	28.7	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.6
1932	**18**	0.0	0.0	29.3	9.7	0.0	0.0	4.3	0.0	0.0	0.3	0.0	0.6
1932	**19**	0.0	0.0	2.2	2.2	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.4
1932	**20**	0.0	0.0	0.0	0.2	0.0	5.1	0.1	0.0	0.0	0.0	1.5	0.5
1932	**21**	0.0	0.0	0.0	0.0	0.0	34.7	3.7	0.0	0.0	0.0	10.1	0.2
1932	**22**	0.0	0.0	0.0	0.0	11.3	39.2	38.1	0.0	0.7	0.4	26.2	0.3
1932	**23**	0.0	0.0	0.0	11.5	11.2	1.9	7.4	0.0	0.0	0.3	0.2	0.4
1932	**24**	0.0	0.0	0.0	14.2	0.1	0.3	0.0	12.3	5.8	0.3	0.4	0.2
1932	**25**	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.1	24.1	0.5	0.0
1932	**26**	0.0	0.0	0.0	0.0	12.8	0.2	0.0	0.0	4.6	0.0	0.4	0.0
1932	**27**	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0
1932	**28**	0.0	0.0	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	7.1	0.1
1932	**29**	0.0	0.0	27.8	0.0	4.7	0.0	0.0	0.0	0.3	0.0	0.0	5.8
1932	**30**	0.0		0.0	0.0	1.6	0.0	0.0	0.0	0.3	1.6	0.1	3.0
1932	**31**	0.0		0.2		8.9		0.0	36.0		0.5		0.0
1933	**1**	0.4	0.2	0.0	0.0	0.4	21.9	0.0	0.0	0.3	0.2	0.3	1.4
1933	**2**	0.3	0.2	0.2	0.0	0.0	1.4	0.2	0.0	7.2	0.3	0.4	0.1
1933	**3**	0.2	0.2	8.2	0.0	0.1	0.0	0.0	0.0	0.0	35.7	3.0	0.0
1933	**4**	1.4	0.4	25.8	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0
1933	**5**	0.8	0.0	6.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4.8	0.0
1933	**6**	9.9	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.4	0.0
1933	**7**	6.3	0.0	0.3	0.0	15.2	0.0	0.0	0.0	0.0	0.0	0.6	0.7
1933	**8**	0.0	0.2	0.0	0.0	5.6	3.5	0.0	0.0	0.0	0.1	0.4	0.0
1933	**9**	0.2	0.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	85.5	0.4	0.0
1933	**10**	0.2	0.2	0.0	0.0	8.7	0.0	7.4	0.0	0.0	0.3	10.8	0.0
1933	**11**	0.0	11.6	0.0	0.0	2.8	11.0	0.0	0.0	0.0	0.4	2.8	0.0
1933	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	2.3	4.7	0.1	0.0
1933	**13**	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	19.2	8.5	31.4
1933	**14**	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	1.0	0.0	9.1	0.0
1933	**15**	3.3	0.0	0.0	0.0	0.7	0.0	0.0	0.5	0.0	0.0	0.0	22.0
1933	**16**	3.5	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	7.5
1933	**17**	0.0	0.0	0.2	0.0	1.4	5.0	0.2	0.0	0.0	0.0	0.3	0.0
1933	**18**	3.2	0.0	1.6	3.0	1.5	0.8	0.0	0.0	0.0	0.0	0.2	0.0
1933	**19**	35.1	0.0	0.3	18.9	11.8	0.0	0.0	0.0	0.0	0.0	0.3	0.0
1933	**20**	0.0	0.0	3.2	13.5	0.0	1.4	0.0	0.0	4.2	0.0	0.4	0.0
1933	**21**	0.0	0.0	0.2	1.0	0.0	0.5	0.0	0.0	14.1	0.0	5.8	0.0
1933	**22**	0.0	0.0	0.0	1.6	0.0	8.2	0.0	0.2	8.2	1.1	0.0	0.0
1933	**23**	0.0	0.3	0.0	0.0	0.0	0.0	32.0	0.0	9.8	0.1	0.2	0.2
1933	**24**	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	8.2	5.9	0.5	0.2
1933	**25**	0.0	0.0	0.0	0.0	17.6	0.0	0.7	0.0	0.1	7.2	11.8	0.0
1933	**26**	0.0	0.0	0.0	0.2	36.0	0.5	0.0	0.0	0.0	0.7	23.9	0.2
1933	**27**	0.0	0.0	0.0	0.3	2.0	0.0	0.0	0.0	0.1	8.3	1.3	14.4
1933	**28**	0.0	0.0	0.0	0.0	0.0	31.7	0.0	0.0	0.0	16.5	0.3	0.7
1933	**29**	5.7		0.0	0.0	0.7	11.9	0.0	1.5	0.3	7.6	6.3	14.2
1933	**30**	9.9		0.0	5.1	4.3	1.1	4.1	0.2	0.3	0.5	13.5	2.7
1933	**31**	0.0		0.0		0.0		0.0	0.0		15.8		0.6

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1934	**1**	0.5	0.0	19.9	5.7	0.0	0.0	1.0	0.0	2.6	0.0	0.2	0.0
1934	**2**	0.0	0.0	0.8	0.7	0.0	12.6	0.0	0.0	7.2	0.0	0.0	0.0
1934	**3**	0.1	0.0	0.1	0.0	5.6	0.0	0.0	0.0	0.0	1.3	0.0	0.0
1934	**4**	0.0	0.0	0.0	0.0	1.7	4.1	0.0	0.5	0.0	1.0	21.1	0.0
1934	**5**	0.0	0.0	0.0	0.0	0.2	24.7	0.0	0.0	0.0	0.5	1.3	0.0
1934	**6**	0.0	0.0	0.0	0.0	1.1	1.0	0.0	0.0	0.0	8.5	37.0	0.2
1934	**7**	0.2	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0	0.0	35.9	0.1
1934	**8**	0.1	0.0	0.0	15.5	0.0	0.0	0.0	1.4	0.0	0.0	0.9	0.1
1934	**9**	0.1	0.1	0.6	17.8	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.1
1934	**10**	0.2	0.3	0.2	0.0	0.0	5.5	0.3	0.2	0.6	15.7	0.0	4.2
1934	**11**	0.2	0.1	4.3	0.0	0.0	0.0	9.4	9.4	20.0	0.0	14.7	23.5
1934	**12**	0.0	0.7	0.2	0.0	3.4	15.4	0.0	19.0	4.9	0.0	0.4	10.6
1934	**13**	4.6	0.1	18.1	1.4	0.0	1.2	31.9	0.3	1.9	0.0	0.3	29.0
1934	**14**	0.0	0.1	24.7	0.2	5.5	0.0	0.0	16.9	0.0	0.0	9.1	5.4
1934	**15**	1.5	0.1	1.0	0.0	7.2	0.0	11.3	0.7	0.0	0.0	26.4	20.6
1934	**16**	7.7	0.0	0.8	0.2	2.0	0.0	0.0	0.0	0.0	11.6	7.1	9.5
1934	**17**	0.0	0.0	8.9	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.2
1934	**18**	0.0	0.0	3.1	0.0	1.8	0.0	0.0	0.0	0.0	0.0	1.8	0.0
1934	**19**	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6
1934	**20**	7.2	0.0	0.0	3.3	0.0	30.2	0.0	0.0	24.6	0.0	0.0	0.1
1934	**21**	0.0	0.2	0.3	1.3	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
1934	**22**	0.0	0.5	0.5	8.1	0.0	0.0	0.3	6.5	0.0	0.0	0.0	1.1
1934	**23**	0.0	0.4	0.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	**24**	0.0	0.0	1.0	6.7	0.0	0.0	0.0	19.6	0.0	0.0	0.0	0.0
1934	**25**	0.0	1.3	0.0	0.9	3.1	0.0	2.9	3.5	0.0	0.0	0.0	0.0
1934	**26**	0.0	16.1	0.1	12.4	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0
1934	**27**	0.0	22.1	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0
1934	**28**	0.0	3.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1934	**29**	2.5		0.2	0.0	0.0	0.9	0.0	0.0	0.0	0.3	0.0	0.0
1934	**30**	0.5		0.0	0.0	0.0	51.9	0.0	0.0	0.0	1.0	0.0	0.0
1934	**31**	0.0		0.0		1.2		7.8	4.3		3.5		0.0
1935	**1**	1.3	0.0	20.9	0.0	0.2	3.1	0.0	0.0	0.0	9.9	0.0	0.0
1935	**2**	0.0	0.0	0.0	8.0	0.0	15.8	3.5	0.0	0.0	16.7	0.0	0.7
1935	**3**	0.0	0.0	0.0	1.3	0.0	0.0	7.5	0.9	0.0	0.1	0.0	0.0
1935	**4**	2.8	0.0	0.0	8.8	0.0	0.0	3.4	1.5	0.0	14.8	0.0	11.0
1935	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	22.0	12.6	16.3
1935	**6**	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	31.0	0.0	0.0
1935	**7**	5.2	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	6.0	0.0
1935	**8**	3.4	0.0	0.0	0.0	17.1	0.0	0.7	0.0	0.0	0.0	13.7	0.0
1935	**9**	0.0	22.0	0.0	0.0	62.1	0.0	0.0	0.0	0.0	3.4	20.3	0.0
1935	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
1935	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.3
1935	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1935	**13**	4.3	0.0	0.0	4.2	0.0	0.0	0.0	40.0	0.0	1.4	0.0	0.2
1935	**14**	0.0	0.0	0.0	15.4	0.0	0.0	0.7	22.7	0.0	1.2	0.6	24.8
1935	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
1935	**16**	0.0	0.0	0.0	0.0	35.6	0.0	0.0	0.0	4.2	0.0	1.6	0.0
1935	**17**	0.0	0.0	0.0	24.1	0.0	0.0	0.0	0.0	0.0	0.0	27.9	4.7
1935	**18**	0.0	0.0	0.0	9.9	0.3	0.0	0.6	0.0	23.4	0.0	3.6	14.2
1935	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0
1935	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	2.2
1935	**21**	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	29.8	18.4	0.0
1935	**22**	0.0	0.9	0.0	3.0	2.7	0.0	0.0	0.0	0.0	32.4	10.7	0.0
1935	**23**	0.0	3.0	3.0	1.5	9.5	0.0	0.0	0.0	0.0	0.3	1.2	3.5
1935	**24**	0.0	0.0	0.3	9.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1935	**25**	0.0	0.0	0.0	0.8	0.0	0.0	0.0	4.3	0.0	12.1	0.0	7.3
1935	**26**	16.4	13.6	0.0	5.0	0.0	0.0	3.4	25.0	0.0	5.1	0.0	1.7
1935	**27**	15.0	0.0	0.0	13.8	3.0	0.0	2.2	1.0	0.0	0.0	0.0	1.0
1935	**28**	0.2	24.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1935	**29**	0.0		0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	5.8
1935	**30**	0.0		0.0	0.0	10.7	0.0	2.6	0.0	0.0	0.0	0.9	1.9
1935	**31**	0.0		0.0		3.1		0.0	0.0		0.0		1.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1936	**1**	1.8	0.9	1.0	0.0	0.0	26.2	1.0	0.0	0.0	0.0	0.0	0.0
1936	**2**	13.6	6.4	0.0	0.0	9.7	0.0	6.5	0.0	0.0	1.1	0.0	0.0
1936	**3**	10.7	15.3	7.0	0.0	0.0	1.3	0.0	0.0	0.0	0.1	0.0	0.0
1936	**4**	14.1	0.0	0.1	1.5	0.0	40.4	0.0	0.0	0.2	0.0	0.0	0.0
1936	**5**	0.0	0.0	44.9	11.5	0.0	0.5	0.0	1.0	0.0	1.7	0.0	0.0
1936	**6**	0.0	0.0	12.9	0.7	0.0	0.0	0.0	0.0	6.4	28.2	0.0	0.3
1936	**7**	3.1	0.0	0.0	12.3	0.0	0.0	0.0	8.2	0.0	21.6	4.7	0.6
1936	**8**	10.8	0.0	0.0	2.3	0.0	0.7	0.0	0.0	0.0	4.3	0.5	1.4
1936	**9**	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.3	0.0	4.3
1936	**10**	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.0	10.6	0.0	17.8
1936	**11**	0.0	0.0	0.0	7.5	0.0	0.7	0.0	1.3	0.0	4.7	0.0	18.0
1936	**12**	0.0	0.0	17.1	9.0	0.0	13.9	0.0	5.1	0.0	0.0	0.0	0.0
1936	**13**	0.0	0.0	7.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0
1936	**14**	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.6
1936	**15**	0.0	0.0	0.0	1.3	0.0	0.8	0.0	0.0	0.0	0.0	5.5	0.0
1936	**16**	0.0	2.7	0.1	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1936	**17**	6.4	18.5	0.0	0.0	0.0	0.0	0.0	0.0	40.3	0.0	0.0	0.0
1936	**18**	0.7	0.0	0.0	2.6	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0
1936	**19**	9.2	13.2	0.0	0.0	8.1	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1936	**20**	12.9	0.0	0.0	1.3	18.3	0.0	0.0	0.0	0.0	1.9	0.0	0.0
1936	**21**	7.6	0.0	0.0	0.7	12.9	0.0	7.8	0.0	0.1	0.0	0.0	0.0
1936	**22**	25.6	19.2	1.0	9.9	22.5	0.0	0.0	1.3	0.0	0.0	0.0	0.0
1936	**23**	0.0	5.2	9.6	10.1	4.9	0.0	0.0	1.0	0.0	0.0	0.0	0.0
1936	**24**	0.0	0.0	0.0	0.7	0.3	4.4	0.0	0.0	9.0	0.0	0.0	0.0
1936	**25**	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1936	**26**	0.4	10.4	6.8	0.0	0.0	0.0	0.0	0.0	19.2	0.0	0.0	0.0
1936	**27**	9.5	37.4	8.0	0.0	0.0	2.4	0.0	0.0	0.5	0.0	0.0	0.0
1936	**28**	0.0	8.6	0.0	1.2	0.0	2.7	0.0	0.0	20.6	0.0	0.0	0.0
1936	**29**	0.4	0.0	0.3	7.8	12.4	0.0	0.0	0.0	20.6	0.0	0.0	0.0
1936	**30**	3.2		3.3	19.5	0.9	1.0	1.3	0.0	0.0	0.0	0.0	0.0
1936	**31**	0.0		0.0		26.2		0.6	0.0		0.5		0.0
1937	**1**	0.0	0.7	0.0	0.0	0.0	0.0	0.0	25.2	0.0	0.0	0.3	0.0
1937	**2**	0.0	9.6	0.0	0.0	18.1	5.6	0.0	1.0	0.0	0.0	0.0	16.1
1937	**3**	0.0	0.0	0.0	29.7	0.2	7.5	0.0	0.0	0.0	0.0	0.7	2.0
1937	**4**	0.5	0.0	3.8	0.2	6.4	0.0	0.0	3.8	0.0	0.0	0.0	0.2
1937	**5**	0.0	2.6	16.2	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	3.2
1937	**6**	0.0	2.3	3.0	0.0	1.6	1.4	0.0	0.0	0.0	5.5	0.4	0.5
1937	**7**	0.0	1.7	0.3	3.1	0.0	0.0	0.0	0.0	0.0	14.1	0.0	6.4
1937	**8**	0.0	13.4	13.9	9.2	0.0	0.0	1.6	0.0	0.0	9.4	0.0	0.0
1937	**9**	0.0	0.9	3.0	0.0	0.0	0.0	10.9	0.0	0.3	6.3	0.0	0.2
1937	**10**	0.0	12.9	12.1	0.0	0.0	0.0	15.2	0.1	78.0	9.3	18.4	0.0
1937	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	5.3	24.0	4.2
1937	**12**	0.0	0.0	6.9	0.0	5.3	0.5	0.0	0.0	0.7	0.0	0.2	1.3
1937	**13**	0.0	0.0	0.0	21.4	19.8	0.0	0.0	31.2	0.0	0.0	0.0	0.0
1937	**14**	0.0	0.0	6.8	1.3	0.0	0.2	0.0	9.3	9.7	0.0	0.0	10.2
1937	**15**	2.5	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	1.6
1937	**16**	1.0	0.0	0.0	0.4	0.0	35.7	20.1	8.9	0.0	0.0	0.0	7.5
1937	**17**	1.5	3.1	0.0	0.0	0.0	0.0	8.5	0.0	4.1	0.0	12.1	0.0
1937	**18**	2.5	17.0	0.0	0.0	1.3	5.6	0.0	0.0	28.8	0.0	0.0	0.0
1937	**19**	2.1	0.0	0.3	19.2	0.0	8.3	0.0	0.0	12.4	0.0	17.9	0.0
1937	**20**	0.0	0.0	4.3	0.0	0.0	6.5	10.5	41.2	0.0	0.0	3.3	0.0
1937	**21**	0.0	0.0	0.8	0.0	1.3	14.5	10.1	6.8	0.0	0.0	0.0	0.0
1937	**22**	0.0	0.0	20.1	0.0	0.2	0.0	0.0	0.0	25.5	8.6	4.3	0.0
1937	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	11.9	0.0	0.0
1937	**24**	0.3	0.0	19.3	0.0	0.0	0.7	6.6	0.0	5.7	5.8	0.0	0.0
1937	**25**	16.0	0.0	0.0	0.0	0.0	2.3	0.6	0.0	0.0	0.0	1.5	0.0
1937	**26**	1.9	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0
1937	**27**	37.3	0.3	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1937	**28**	21.8	1.6	21.9	4.4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
1937	**29**	0.0		11.7	0.0	0.0	0.0	0.0	2.4	0.0	9.9	0.0	0.0
1937	**30**	0.0		2.1	0.0	0.0	7.6	0.0	0.4	5.4	0.2	0.0	0.0
1937	**31**	0.0		0.0		0.0		5.0	40.2		0.0		0.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1938	**1**	0.0	0.0	0.0	0.0	0.7	0.0	0.0	8.6	0.0	0.2	0.0	1.7
1938	**2**	0.0	7.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1938	**3**	0.0	0.0	0.0	0.0	0.0	10.1	3.2	0.0	0.0	0.0	0.0	0.0
1938	**4**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	5.3	1.3	0.0	0.0
1938	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	1.4	0.0	0.0
1938	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0
1938	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.0	0.0	0.0	0.0	0.0
1938	**9**	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0
1938	**10**	0.0	0.0	0.0	0.0	10.3	0.0	6.8	4.0	12.8	0.0	0.0	0.2
1938	**11**	0.0	0.0	0.0	0.0	2.6	5.2	0.0	0.0	0.0	0.0	0.0	0.8
1938	**12**	0.0	0.0	0.0	0.0	0.0	10.6	0.0	18.7	0.0	0.0	0.0	0.2
1938	**13**	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0
1938	**14**	0.0	0.0	0.0	0.0	0.0	21.2	0.0	1.6	0.0	0.0	0.0	0.0
1938	**15**	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0
1938	**16**	0.0	0.0	0.0	0.0	0.0	0.0	14.9	11.4	0.0	0.0	0.0	0.0
1938	**17**	0.0	5.6	0.0	0.0	6.0	0.0	7.5	0.0	0.0	0.0	0.0	0.0
1938	**18**	0.0	0.2	0.0	1.6	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1938	**19**	0.7	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	21.6
1938	**20**	0.0	0.0	0.0	1.3	18.2	0.0	0.0	0.0	0.0	0.0	1.5	0.0
1938	**21**	0.0	0.0	0.0	0.0	60.6	0.0	0.0	1.0	0.0	0.0	7.6	7.2
1938	**22**	0.0	0.0	0.0	0.0	2.7	0.3	0.0	3.0	0.0	0.0	22.6	0.3
1938	**23**	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.5	0.0	0.0	0.0	18.3
1938	**24**	0.0	0.0	0.0	0.0	5.9	0.0	6.1	0.0	0.0	0.0	0.0	0.0
1938	**25**	0.0	0.0	0.0	1.7	1.9	0.0	0.0	0.0	0.0	0.0	0.4	0.0
1938	**26**	0.0	0.0	0.0	2.5	0.1	0.0	0.0	0.0	0.0	6.1	0.6	0.0
1938	**27**	4.8	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	10.1	12.2	0.1
1938	**28**	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	5.6	8.7	2.7	0.0
1938	**29**	0.0		0.0	7.2	0.0	0.0	0.0	8.2	19.7	8.4	11.7	0.2
1938	**30**	2.5		0.0	0.6	0.0	0.0	0.0	2.9	0.0	2.5	10.9	0.2
1938	**31**	0.0		0.0		0.0		0.0	21.5		0.0		0.1
1939	**1**	0.0	0.0	16.6	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0
1939	**2**	7.0	0.0	0.0	0.0	3.1	1.6	0.0	0.0	0.7	2.5	0.5	0.0
1939	**3**	5.3	0.0	0.0	3.3	2.7	0.0	0.0	0.0	0.0	11.1	0.0	0.0
1939	**4**	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.5	9.1	5.8	18.8	0.0
1939	**5**	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	52.3	30.4	14.9	32.1
1939	**6**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.1	0.1	9.6
1939	**7**	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.5	0.0	0.0
1939	**8**	0.0	0.0	0.2	0.0	19.8	0.0	0.0	1.2	0.0	8.9	0.0	0.1
1939	**9**	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1939	**10**	0.0	0.0	0.0	0.0	0.0	0.0	24.3	0.0	0.0	0.0	0.0	0.0
1939	**11**	3.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	4.8
1939	**12**	0.8	0.0	0.0	0.0	12.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
1939	**13**	1.9	0.0	0.0	0.0	9.6	3.5	0.0	0.0	26.4	7.8	0.0	0.0
1939	**14**	1.2	0.0	0.0	0.0	5.8	15.1	0.0	0.0	0.0	1.4	0.0	0.8
1939	**15**	0.0	0.0	0.0	0.0	1.9	2.7	0.0	1.2	27.9	0.2	0.0	1.0
1939	**16**	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	2.1	0.4	0.0	15.8
1939	**17**	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1939	**18**	0.6	0.0	7.0	4.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	**19**	0.4	0.0	0.0	0.0	0.5	0.8	0.0	0.0	0.1	3.4	1.5	4.2
1939	**20**	3.4	0.0	0.0	0.0	13.5	0.0	0.4	3.6	0.2	0.0	0.0	7.5
1939	**21**	0.0	0.0	0.0	0.0	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	**22**	0.0	0.0	0.0	0.0	5.6	0.0	0.0	3.9	0.0	36.4	0.0	0.0
1939	**23**	11.8	0.0	9.7	0.0	2.4	0.0	0.1	10.2	0.0	17.7	0.0	0.0
1939	**24**	0.9	4.2	0.0	0.0	0.0	3.4	8.1	11.2	0.0	0.1	0.0	0.0
1939	**25**	0.0	2.2	0.0	0.0	2.5	2.5	0.0	29.7	1.2	1.1	0.0	0.0
1939	**26**	21.3	0.8	0.7	3.1	0.0	0.0	0.0	0.0	2.6	6.3	0.0	0.0
1939	**27**	3.7	3.8	8.4	22.0	0.0	5.2	26.0	0.2	0.0	9.8	0.0	0.0
1939	**28**	0.0	1.8	0.0	7.9	11.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1939	**29**	0.0		0.0	5.4	1.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1939	**30**	0.0		0.0	6.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939	**31**	0.0		0.0		4.3		0.0	0.0		0.0		0.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1940	**1**	0.0	17.9	0.0	0.0	19.0	1.4	0.0	0.0	0.0	11.0	0.6	0.0
1940	**2**	0.0	0.0	0.0	0.0	5.6	6.5	0.0	0.0	0.0	11.5	2.4	0.0
1940	**3**	0.0	6.6	0.0	0.0	44.4	0.0	0.0	0.0	0.0	1.6	0.3	0.0
1940	**4**	2.4	4.8	0.0	0.0	0.1	0.0	10.0	0.0	0.0	11.7	0.1	0.0
1940	**5**	0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
1940	**6**	0.0	10.6	0.0	0.0	1.5	28.3	0.0	0.0	0.0	0.0	0.0	0.0
1940	**7**	0.0	0.2	0.0	0.0	1.8	0.0	0.2	1.9	0.0	0.0	4.9	0.0
1940	**8**	0.0	7.8	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.6	0.0	0.0
1940	**9**	0.0	5.8	0.0	0.0	0.0	0.0	2.3	0.0	6.4	0.0	0.0	0.0
1940	**10**	0.0	1.0	0.0	0.0	0.0	0.0	0.0	9.8	10.4	0.3	0.0	0.0
1940	**11**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	10.7	1.2	0.0
1940	**12**	0.0	0.0	0.5	0.0	3.8	1.4	6.2	0.0	0.8	14.7	8.0	0.0
1940	**13**	0.0	2.2	7.4	0.0	0.0	12.5	0.0	0.0	0.0	18.8	0.0	0.0
1940	**14**	0.0	0.0	0.0	0.0	0.0	19.7	0.0	2.1	1.3	5.2	0.5	0.0
1940	**15**	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	1.2	1.1	0.0
1940	**16**	0.0	0.0	0.0	0.0	25.1	24.0	39.8	0.0	0.2	0.2	3.4	0.0
1940	**17**	0.0	0.8	0.0	0.0	17.6	13.3	0.0	0.0	0.0	0.0	9.9	0.0
1940	**18**	9.3	0.0	0.0	0.0	0.0	7.8	7.6	0.0	0.0	0.0	0.3	0.0
1940	**19**	0.0	0.0	0.0	0.2	0.0	1.1	0.2	0.0	0.1	0.0	7.1	0.0
1940	**20**	0.0	0.0	0.0	0.5	0.0	8.4	0.0	9.9	0.1	0.0	0.0	0.0
1940	**21**	0.0	0.0	0.0	1.5	0.0	0.0	0.0	1.3	0.1	0.0	0.0	0.0
1940	**22**	0.5	0.0	0.0	0.0	7.1	12.5	0.0	3.1	0.0	0.0	0.0	0.0
1940	**23**	8.8	0.0	0.0	0.0	5.0	0.6	0.0	0.0	0.0	0.0	3.1	0.0
1940	**24**	9.5	0.0	0.0	3.8	0.1	20.6	0.0	0.0	0.0	0.0	0.0	0.2
1940	**25**	0.0	0.0	0.0	0.2	0.0	1.3	0.0	0.0	0.0	23.6	0.2	4.0
1940	**26**	0.0	0.0	9.7	2.9	0.0	0.0	0.0	0.0	0.1	14.5	0.0	0.0
1940	**27**	0.0	0.0	0.5	4.5	0.0	0.0	20.5	0.0	0.1	4.5	0.0	0.0
1940	**28**	0.0	0.0	4.0	7.1	0.0	0.2	7.9	0.0	0.0	0.5	7.0	0.0
1940	**29**	0.0	0.0	4.4	0.1	10.5	0.0	0.0	0.0	8.2	0.7	1.3	0.0
1940	**30**	0.8		0.0	1.2	9.6	0.0	0.0	0.0	1.1	1.6	0.0	0.0
1940	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0
1941	**1**	1.2	2.5	0.0	0.0	26.3	0.0	0.0	0.9	0.0	0.0	3.2	0.0
1941	**2**	18.0	0.0	0.0	13.3	1.2	0.0	0.0	8.4	0.0	11.7	0.1	0.0
1941	**3**	28.1	22.0	0.0	0.0	28.8	0.0	0.0	0.4	0.0	3.8	0.5	0.0
1941	**4**	10.2	19.9	5.6	0.0	4.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0
1941	**5**	1.4	0.6	22.6	0.0	0.0	8.1	0.0	0.0	0.0	0.0	47.1	0.0
1941	**6**	0.0	0.0	0.2	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0
1941	**7**	0.0	0.0	0.0	7.0	0.9	0.2	0.0	1.4	0.0	0.0	0.0	5.1
1941	**8**	0.0	0.0	19.2	2.3	0.0	0.0	0.0	0.0	21.5	0.0	0.0	24.1
1941	**9**	1.0	0.0	0.8	8.1	1.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	**10**	4.2	0.0	0.0	1.0	0.0	24.1	0.7	0.0	0.0	0.0	1.6	0.0
1941	**11**	0.0	0.1	0.0	0.0	18.3	0.1	0.0	0.0	0.0	0.0	2.5	0.0
1941	**12**	0.0	1.1	0.0	0.0	26.6	0.0	0.0	0.1	0.0	0.0	22.8	0.0
1941	**13**	0.0	37.4	0.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0	27.2	0.0
1941	**14**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	9.2	0.0
1941	**15**	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1941	**16**	15.4	13.5	0.0	0.2	0.0	0.4	0.8	0.0	0.0	0.0	0.0	0.0
1941	**17**	1.9	23.0	7.4	0.0	0.0	0.1	0.0	0.0	0.0	0.0	8.2	18.3
1941	**18**	0.0	2.0	5.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.1	8.7
1941	**19**	0.1	0.0	0.0	0.0	26.7	0.0	0.0	0.0	0.0	0.0	0.5	3.2
1941	**20**	0.5	12.4	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0
1941	**21**	0.0	3.8	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
1941	**22**	13.8	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
1941	**23**	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	1.7	0.0
1941	**24**	1.2	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.0
1941	**25**	0.0	0.0	0.0	48.0	0.2	0.0	0.0	0.0	0.0	2.4	0.0	0.0
1941	**26**	0.3	0.0	0.0	26.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1941	**27**	0.1	0.0	0.0	5.1	8.5	0.0	1.9	11.5	1.3	0.6	0.0	0.0
1941	**28**	0.0	0.0	11.3	11.1	0.6	0.0	12.0	0.0	0.0	0.0	0.0	0.0
1941	**29**	0.0		0.3	0.2	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
1941	**30**	0.0		2.4	2.4	0.1	0.0	10.1	1.5	103.9	16.2	0.0	0.0
1941	**31**	17.5		6.6		8.1		0.0	0.0		0.2		0.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1942	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	2.3
1942	**2**	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	1.4
1942	**3**	0.0	0.1	0.0	0.0	0.4	0.0	1.2	0.0	0.0	0.0	0.0	0.0
1942	**4**	0.0	0.0	0.0	1.6	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0
1942	**5**	0.0	0.0	0.4	0.0	0.0	0.0	0.0	4.4	0.0	0.0	0.8	0.0
1942	**6**	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.5	0.0
1942	**7**	0.1	1.7	33.2	12.1	0.0	0.0	0.0	0.3	0.0	0.0	18.5	0.0
1942	**8**	3.4	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	**9**	0.0	9.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1942	**10**	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	**11**	0.3	0.0	0.0	0.0	32.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	**12**	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	**13**	0.0	0.0	0.0	0.0	2.1	9.0	1.0	0.0	0.0	0.0	0.0	0.0
1942	**14**	0.0	0.0	1.3	0.0	2.1	0.0	0.0	0.8	0.0	0.0	0.0	0.0
1942	**15**	0.0	0.0	0.0	0.0	7.5	4.2	11.4	0.0	0.0	0.0	0.0	0.0
1942	**16**	0.0	0.0	0.0	0.0	1.0	5.9	0.1	0.0	2.2	0.0	0.0	4.7
1942	**17**	0.0	4.0	0.0	0.0	0.0	7.3	0.0	0.0	0.1	0.0	0.7	0.9
1942	**18**	0.0	0.3	0.0	12.7	0.0	0.3	0.5	0.0	0.2	0.0	0.0	3.2
1942	**19**	0.0	0.0	0.0	1.8	0.0	0.0	11.5	0.0	15.0	0.0	0.0	4.7
1942	**20**	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.2
1942	**21**	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.6	4.4	9.9	0.0	13.6
1942	**22**	0.0	3.7	0.0	0.0	1.9	0.0	0.0	0.0	0.8	2.0	2.3	2.0
1942	**23**	0.0	0.0	4.2	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	**24**	0.0	21.2	0.0	0.0	0.2	0.0	0.0	1.7	0.0	0.0	0.0	0.0
1942	**25**	0.0	11.8	0.0	2.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1942	**26**	0.0	4.0	0.0	9.2	0.2	2.4	0.0	0.0	23.7	10.2	0.0	0.0
1942	**27**	0.0	2.2	0.0	0.0	0.0	4.3	0.0	0.0	31.4	0.2	0.0	0.0
1942	**28**	0.0	3.8	0.0	1.1	0.0	3.5	0.0	0.0	2.2	2.2	0.0	0.0
1942	**29**	0.0		8.5	21.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1942	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	8.8
1942	**31**	0.0		0.0		1.4		0.0	0.0		0.0		0.0
1943	**1**	0.0	0.2	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0
1943	**2**	0.6	5.7	0.0	0.3	10.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	**3**	0.0	0.0	0.0	0.0	11.1	12.1	0.0	0.0	10.2	0.0	0.1	5.8
1943	**4**	0.0	0.0	0.0	0.0	17.1	4.6	0.0	0.0	16.2	0.0	0.3	12.4
1943	**5**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4
1943	**6**	0.0	0.0	0.0	0.0	8.0	0.0	0.2	0.0	0.0	0.0	15.6	10.1
1943	**7**	0.0	7.1	0.0	0.0	4.5	5.6	4.2	0.0	0.0	0.0	0.5	3.6
1943	**8**	6.4	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.3	0.0	0.1
1943	**9**	0.0	0.0	3.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	**10**	0.0	5.2	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	3.6
1943	**11**	0.0	2.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1943	**12**	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	**13**	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0
1943	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	**15**	21.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	**16**	4.2	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0
1943	**17**	0.0	9.5	0.0	0.0	0.0	11.5	0.0	0.0	0.0	16.7	2.1	5.5
1943	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	8.7	3.3
1943	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1943	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	8.1
1943	**21**	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1943	**22**	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	6.9	0.0	0.0	16.8
1943	**23**	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	4.0	0.0	1.8	0.0
1943	**24**	0.3	0.0	0.0	0.1	1.2	0.0	0.0	0.0	0.0	0.0	1.8	0.0
1943	**25**	0.0	0.0	0.0	0.0	2.8	0.3	10.1	0.0	12.4	0.0	8.8	0.0
1943	**26**	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	2.0	0.9	0.0	0.0
1943	**27**	0.0	0.0	1.2	0.0	0.0	0.0	0.5	0.0	6.4	13.1	0.0	0.0
1943	**28**	0.0	0.0	3.2	0.0	0.0	0.0	11.7	0.8	6.1	0.0	0.0	0.0
1943	**29**	0.0		27.8	18.6	0.0	0.0	0.0	0.0	22.7	0.0	0.0	0.0
1943	**30**	0.0		8.7	0.0	0.0	12.5	0.0	0.0	0.0	0.1	0.0	0.0
1943	**31**	1.5		0.0		0.0		0.0	0.0		0.0		0.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1944	**1**	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.2
1944	**2**	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.9	0.0	1.8	10.4	0.0
1944	**3**	0.0	0.2	0.0	0.0	0.0	0.7	0.0	0.0	0.6	0.3	19.2	0.0
1944	**4**	0.0	0.2	0.0	0.0	0.0	2.3	8.0	0.0	1.1	0.0	1.5	0.0
1944	**5**	0.0	1.0	0.0	0.0	0.0	0.0	0.5	1.1	0.0	14.8	0.0	0.0
1944	**6**	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.0	60.5	0.0	0.0
1944	**7**	0.0	0.0	0.2	0.0	0.5	6.7	0.0	0.0	6.4	18.1	0.0	0.0
1944	**8**	0.0	0.0	5.2	0.0	1.2	30.8	0.0	0.0	0.0	6.5	0.0	1.9
1944	**9**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	8.3	0.0	9.6
1944	**10**	0.0	0.0	0.0	0.0	0.0	0.0	4.3	3.9	0.0	10.0	0.0	0.0
1944	**11**	0.0	0.0	0.0	0.2	0.0	10.7	4.6	0.0	0.0	0.1	0.0	0.0
1944	**12**	0.0	0.0	0.0	9.8	31.9	4.6	0.9	0.0	0.0	0.0	0.0	11.7
1944	**13**	0.0	0.0	0.0	0.0	0.1	0.0	5.4	0.0	0.0	0.0	0.0	0.0
1944	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.9
1944	**15**	0.0	0.0	0.0	0.0	6.8	0.0	0.3	0.0	0.0	0.0	28.2	0.0
1944	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
1944	**17**	0.0	0.0	0.0	0.0	0.0	7.7	1.2	0.0	0.0	1.5	0.0	0.0
1944	**18**	0.0	0.0	0.0	0.8	0.0	68.8	7.0	0.0	0.0	0.7	0.0	0.0
1944	**19**	0.0	0.0	0.0	22.2	0.0	26.9	0.0	0.8	0.0	2.3	0.0	0.0
1944	**20**	0.0	0.0	0.0	1.8	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0
1944	**21**	0.0	0.0	0.0	0.4	8.1	0.0	0.0	0.0	21.2	0.0	4.5	0.0
1944	**22**	0.0	0.0	0.0	0.0	0.0	1.3	2.3	0.0	0.0	18.8	0.0	0.0
1944	**23**	0.0	0.0	0.0	0.0	5.5	15.2	0.0	0.0	0.0	14.1	0.0	0.0
1944	**24**	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
1944	**25**	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.5	0.0	0.0
1944	**26**	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	7.4	0.0
1944	**27**	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	30.3	0.0	0.0
1944	**28**	0.0	0.5	0.0	0.0	0.0	2.8	0.2	0.0	29.4	17.0	0.0	0.0
1944	**29**	0.0	12.0	0.0	0.0	0.0	11.7	0.8	0.0	11.7	7.2	0.0	0.0
1944	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.7	0.0	0.0
1944	**31**	0.0		0.5		0.0		4.7	0.0		8.8		0.0
1945	**1**	0.0	0.0	0.0	0.0	8.8	0.0	4.6	1.2	0.0	0.0	57.6	0.0
1945	**2**	0.0	0.0	0.0	0.0	0.6	0.0	5.8	1.6	0.0	0.0	4.8	0.0
1945	**3**	0.0	1.2	0.0	0.0	3.6	0.0	0.2	0.0	0.0	0.2	1.2	4.8
1945	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.2	1.8
1945	**5**	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	17.8	0.0
1945	**6**	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.4	10.6	0.0	1.2	0.0
1945	**7**	3.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	**8**	0.0	0.0	2.6	0.0	0.0	0.0	0.0	3.2	0.0	0.2	0.0	0.0
1945	**9**	10.7	0.0	0.0	0.0	0.0	0.0	0.0	24.8	0.4	0.0	0.0	0.0
1945	**10**	0.0	0.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0
1945	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	**12**	2.9	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1945	**13**	15.4	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
1945	**14**	3.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0
1945	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1945	**16**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1945	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1945	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4
1945	**19**	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	11.2
1945	**20**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	6.4
1945	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	1.6
1945	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	11.2
1945	**23**	0.4	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.2	1.0	0.0	0.0
1945	**24**	0.0	0.0	0.0	0.0	2.0	0.4	0.0	1.2	7.4	0.0	0.6	0.0
1945	**25**	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4.2	8.0	16.4
1945	**26**	27.6	0.0	5.4	0.0	15.8	11.2	0.0	0.0	0.0	0.2	0.0	9.4
1945	**27**	0.0	0.0	10.0	36.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0
1945	**28**	0.0	0.0	11.4	6.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1945	**29**	0.0		0.2	5.0	29.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
1945	**30**	0.0		0.0	2.8	0.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0
1945	**31**	0.0		0.0		0.0		0.0	0.0		2.2		0.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1946	**1**	0.0	0.0	14.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	6.6	1.6
1946	**2**	0.0	0.0	0.4	0.0	0.4	2.0	0.0	0.0	0.6	0.0	10.2	0.0
1946	**3**	0.0	0.0	61.4	0.0	0.0	4.2	3.5	0.0	0.0	0.0	0.0	3.6
1946	**4**	0.0	0.0	5.6	0.0	0.0	0.0	7.3	0.0	0.0	41.6	0.0	2.8
1946	**5**	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	1.0	3.8
1946	**6**	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	6.8	0.0	3.8	1.4
1946	**7**	0.0	0.3	5.6	0.0	1.4	0.0	37.8	0.0	0.2	0.0	0.0	1.0
1946	**8**	0.0	0.2	0.2	0.0	0.0	0.0	14.8	0.0	0.0	0.0	0.0	0.0
1946	**9**	0.0	0.6	8.4	0.0	0.0	0.0	0.0	0.0	0.0	8.0	15.6	30.6
1946	**10**	0.0	0.0	3.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	**11**	0.0	0.0	0.0	11.6	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
1946	**12**	0.4	0.0	7.0	0.0	3.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0
1946	**13**	0.0	0.0	9.6	0.0	0.0	14.6	0.0	0.0	0.0	0.0	0.0	0.0
1946	**14**	0.0	0.0	12.4	0.0	0.6	0.2	0.6	0.0	0.0	0.0	4.8	0.0
1946	**15**	0.0	0.0	1.6	0.0	0.0	0.0	10.2	0.0	0.0	0.0	15.8	0.0
1946	**16**	0.0	0.0	6.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	2.4	1.0
1946	**17**	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	15.6	0.0
1946	**18**	26.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	**19**	19.0	0.2	0.0	0.2	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
1946	**20**	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.4	11.2	0.0
1946	**21**	0.0	0.0	0.0	0.0	1.4	4.4	7.6	0.0	0.0	1.2	2.8	0.0
1946	**22**	0.0	0.0	0.0	0.0	1.8	2.8	0.2	0.2	0.0	21.0	0.8	0.0
1946	**23**	20.8	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	**24**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1946	**25**	0.0	0.0	0.0	0.5	8.1	0.0	0.0	27.8	0.0	0.0	0.2	0.0
1946	**26**	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	6.6	0.0
1946	**27**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.2	0.0
1946	**28**	0.0	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.2	0.0
1946	**29**	0.2		0.0	5.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0
1946	**30**	0.2		0.0	1.8	0.9	0.0	0.0	0.0	0.0	0.4	14.0	0.0
1946	**31**	0.0		0.0		0.2		0.0	31.2		0.0		0.0
1947	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	16.8
1947	**2**	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	14.4	0.0	0.0	4.6
1947	**3**	0.0	10.0	0.2	0.6	0.0	0.0	0.4	0.0	0.0	0.0	2.0	0.0
1947	**4**	0.0	41.8	0.0	13.0	0.0	0.0	0.0	1.0	2.6	0.0	4.2	22.0
1947	**5**	0.2	1.4	1.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1947	**6**	0.0	0.2	0.8	0.0	4.4	9.0	0.0	0.0	0.0	0.0	0.0	15.8
1947	**7**	0.0	0.0	1.4	0.0	0.0	2.0	0.0	4.0	0.0	0.0	0.0	0.0
1947	**8**	0.0	31.6	3.6	0.0	0.0	0.0	0.2	5.4	0.0	0.6	0.0	0.0
1947	**9**	0.0	0.2	0.0	0.0	0.0	10.6	1.6	0.0	0.0	1.4	0.0	7.0
1947	**10**	0.2	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
1947	**11**	0.0	0.2	3.8	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.2	0.0
1947	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1947	**13**	5.6	0.8	0.0	0.0	0.0	23.6	0.2	0.0	0.0	0.0	0.0	0.0
1947	**14**	4.4	0.0	7.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
1947	**15**	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	**16**	0.0	3.2	0.0	0.0	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1947	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.0
1947	**18**	0.0	11.3	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.8	0.0
1947	**19**	0.0	0.0	17.2	0.0	4.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1947	**20**	0.0	16.3	0.0	0.0	3.6	0.0	13.0	0.0	0.0	0.0	0.0	0.0
1947	**21**	0.0	1.0	0.0	0.0	136.6	0.0	0.2	0.0	0.0	0.0	0.2	0.0
1947	**22**	0.0	13.0	0.0	0.0	13.0	65.0	0.0	1.8	0.0	0.0	0.0	0.0
1947	**23**	0.0	3.2	0.0	0.0	4.8	11.8	0.0	0.0	0.0	0.0	0.2	0.0
1947	**24**	0.0	1.4	2.2	0.0	0.0	0.0	0.0	0.0	7.1	0.2	0.0	0.0
1947	**25**	9.8	22.0	41.4	0.0	0.0	0.0	0.0	0.0	7.4	34.6	11.4	0.0
1947	**26**	0.0	3.6	47.6	0.0	0.0	0.0	0.8	0.0	26.8	13.6	0.2	0.2
1947	**27**	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.0	0.2	0.0	0.0	0.2
1947	**28**	0.0	0.3	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	12.2	0.0
1947	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	26.8	1.4
1947	**30**	0.0		15.2	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.6
1947	**31**	0.0		8.6		0.0		0.0	2.4		19.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1948	**1**	0.0	0.4	0.0	30.6	0.2	0.4	4.2	0.0	0.0	0.0	0.2	0.0
1948	**2**	0.0	0.4	0.0	4.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
1948	**3**	0.0	0.2	0.0	0.2	11.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0
1948	**4**	0.0	0.0	0.0	0.4	7.2	8.6	0.0	0.0	32.0	0.0	0.4	0.0
1948	**5**	3.8	0.0	0.0	12.8	5.6	0.0	17.0	40.6	0.2	21.4	14.6	0.0
1948	**6**	0.2	0.0	0.0	46.4	0.2	0.0	0.4	0.2	0.0	15.6	0.4	0.0
1948	**7**	9.4	0.0	0.0	5.0	0.0	0.0	0.0	0.0	15.8	1.4	10.0	0.0
1948	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.2
1948	**9**	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
1948	**10**	0.2	0.0	0.0	0.0	0.2	0.0	9.8	0.4	0.0	0.0	0.0	1.4
1948	**11**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	7.4
1948	**12**	0.4	0.2	0.0	0.0	0.6	0.0	0.0	4.4	0.0	0.0	0.0	1.0
1948	**13**	0.0	0.2	0.0	0.0	0.2	2.6	0.0	0.0	11.8	0.0	0.0	0.0
1948	**14**	0.2	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	0.6	0.0	0.2
1948	**15**	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
1948	**16**	1.0	0.0	0.0	0.2	0.0	5.8	8.4	0.0	0.4	5.0	8.2	0.0
1948	**17**	3.2	0.0	0.0	0.0	0.0	0.0	2.6	0.0	4.4	0.4	4.8	0.0
1948	**18**	2.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.4	0.0	0.2
1948	**19**	3.0	0.0	0.0	0.0	5.2	5.2	0.0	12.0	0.0	1.2	0.0	0.0
1948	**20**	11.0	2.0	0.0	0.0	0.0	2.6	0.0	19.6	0.0	1.2	0.0	0.0
1948	**21**	10.8	0.0	0.0	0.0	1.0	0.0	0.0	17.2	5.3	0.0	0.0	0.0
1948	**22**	0.0	35.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1948	**23**	2.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1948	**24**	2.4	1.0	0.0	6.0	0.6	0.0	13.2	0.0	0.0	0.2	0.0	0.0
1948	**25**	0.4	0.0	0.0	0.6	3.8	0.4	11.4	0.0	0.0	0.6	0.0	0.0
1948	**26**	8.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	79.6	0.0	0.2
1948	**27**	43.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	0.0
1948	**28**	12.0	0.0	0.0	0.0	2.6	1.6	0.0	0.0	0.0	0.0	0.0	13.4
1948	**29**	22.6	0.0	0.0	0.0	1.6	5.8	0.0	14.6	0.0	0.0	0.0	0.0
1948	**30**	7.4		0.0	34.4	0.4	4.8	0.0	0.0	0.0	12.0	0.0	0.0
1948	**31**	0.0		0.0		0.0		0.0	0.0		13.8		8.7
1949	**1**	0.2	0.0	0.0	0.0	12.4	34.8	0.0	0.0	0.0	9.0	0.0	0.2
1949	**2**	0.6	0.0	0.0	0.0	4.8	0.2	0.0	0.0	0.0	17.0	0.0	7.4
1949	**3**	16.6	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.4
1949	**4**	7.6	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949	**5**	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.8	0.0
1949	**6**	0.2	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.2	5.6	0.0
1949	**7**	0.0	0.0	0.0	2.8	0.0	0.0	18.8	0.0	23.2	1.4	40.4	0.0
1949	**8**	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	5.2	0.0	3.2	2.0
1949	**9**	2.8	0.2	0.2	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0	19.4
1949	**10**	9.0	0.0	6.6	0.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4
1949	**11**	0.0	0.0	24.6	0.0	1.2	2.8	0.0	13.8	0.0	0.0	0.0	0.0
1949	**12**	0.0	0.0	4.2	0.0	4.8	0.2	0.0	0.2	0.0	0.0	0.0	0.2
1949	**13**	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	25.4	0.0	0.2	0.0
1949	**14**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	28.6	4.4
1949	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	24.6	13.2
1949	**16**	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.0	0.0	0.0	1.2
1949	**17**	0.0	0.0	0.0	0.0	0.0	2.8	5.8	0.0	0.0	0.0	0.0	0.2
1949	**18**	0.0	0.0	1.8	0.0	0.0	1.0	15.6	32.8	0.0	0.0	0.2	0.0
1949	**19**	0.2	0.0	1.2	0.0	1.0	0.2	8.4	0.0	0.0	0.0	0.4	0.0
1949	**20**	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	0.0	0.8	0.0
1949	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0
1949	**22**	0.2	0.0	0.4	0.0	1.6	0.0	0.0	0.0	0.0	0.2	16.8	0.0
1949	**23**	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	19.0	0.0
1949	**24**	0.0	0.0	0.0	0.0	3.4	0.6	0.0	0.0	0.0	0.2	27.2	0.0
1949	**25**	0.2	0.0	0.0	9.2	39.2	0.0	0.0	0.0	0.0	0.0	15.0	0.0
1949	**26**	0.2	0.0	0.0	15.0	1.4	0.0	0.0	0.0	0.0	0.0	35.2	0.0
1949	**27**	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	29.2	13.8	0.0
1949	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.0	0.2	0.0
1949	**29**	0.0		0.0	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949	**30**	0.0		0.0	23.4	2.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0
1949	**31**	0.0		0.0		1.6		0.0	0.0		0.0		0.0

ESM 22. Magrini Observatory Raw Precipitation Data (mm): 1920-1949
(Attribution should be given to this paper and to INAF)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1950	**1**	0.0	0.0	2.2	0.0	0.0	1.4	0.0	0.4	27.2	18.6	0.0	0.0
1950	**2**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	9.2	0.2	0.0	0.0	0.0
1950	**3**	0.0	0.0	0.0	57.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	2.8
1950	**4**	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	12.0	0.0	0.0	3.0
1950	**5**	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1950	**6**	0.0	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	14.8
1950	**7**	0.0	0.0	0.0	0.0	1.0	0.0	7.2	0.0	0.0	0.0	0.0	8.8
1950	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
1950	**9**	0.0	0.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	7.2
1950	**10**	0.0	0.0	14.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.2	3.6
1950	**11**	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	6.2	7.2
1950	**12**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.2
1950	**13**	0.0	0.0	0.0	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	2.0
1950	**14**	0.0	26.0	0.0	0.0	3.0	1.8	0.0	24.6	0.0	0.0	0.2	14.2
1950	**15**	0.0	0.0	0.0	7.4	0.0	5.4	0.0	0.4	0.2	0.0	0.0	0.8
1950	**16**	0.0	0.0	0.0	19.4	1.4	0.0	0.0	0.8	0.0	0.0	0.0	2.6
1950	**17**	7.4	0.0	0.0	11.4	13.2	4.0	0.0	2.4	0.0	0.0	0.0	2.4
1950	**18**	9.2	0.0	0.0	2.8	3.6	22.8	0.0	1.0	0.0	0.0	0.0	0.0
1950	**19**	0.0	0.0	0.0	18.0	3.2	0.0	0.0	2.2	0.0	0.0	0.2	0.0
1950	**20**	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.2	0.0	0.0	11.6	0.2
1950	**21**	0.0	0.0	15.8	3.2	0.0	2.6	0.0	0.0	13.8	0.0	0.2	0.0
1950	**22**	0.0	0.0	0.0	0.0	0.0	2.8	9.0	0.0	0.0	0.0	6.4	0.0
1950	**23**	0.0	0.0	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0
1950	**24**	0.0	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	3.4	13.0
1950	**25**	0.0	0.0	0.0	0.4	0.0	2.2	0.0	0.0	0.0	14.8	0.8	18.4
1950	**26**	0.6	7.6	2.8	0.4	0.0	0.0	0.0	0.0	25.2	11.6	0.4	12.4
1950	**27**	10.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	3.8
1950	**28**	18.5	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	3.4	0.4	0.2
1950	**29**	0.0		0.2	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.4
1950	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1950	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0

ESM 23. ARPAV Botanical Garden Raw Precipitation Data (mm): 1997-2018
(Attribution should be given to this paper and to ARPAV)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1997	**1**	17.4	0.0	0.0	0.0	0.4	18.2	0.0	12.8	0.0	0.0	0.0	11.6
1997	**2**	12.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	11.8
1997	**3**	21.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	13.0
1997	**4**	14.6	0.0	0.0	0.0	0.0	0.2	2.6	0.0	0.0	0.0	0.0	0.0
1997	**5**	0.0	0.0	0.0	0.0	0.6	6.2	4.4	0.0	0.0	0.0	11.6	0.0
1997	**6**	3.2	0.0	0.4	0.0	1.2	0.0	0.0	2.0	0.0	0.0	11.0	0.0
1997	**7**	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	13.8	0.0
1997	**8**	0.0	0.0	0.0	0.0	15.2	0.0	0.0	1.4	1.8	0.0	6.0	0.0
1997	**9**	10.2	0.0	0.0	0.0	2.4	0.0	0.0	0.2	0.0	0.0	13.4	0.0
1997	**10**	0.2	0.0	0.0	0.0	1.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0
1997	**11**	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	2.8	0.0
1997	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.2
1997	**13**	0.0	0.0	0.0	0.0	0.0	9.8	0.0	0.0	1.0	0.0	0.2	0.0
1997	**14**	0.0	0.0	0.0	0.0	0.0	15.2	19.6	0.0	8.2	0.0	0.0	0.0
1997	**15**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	**16**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	5.0	0.0	0.0	0.0	0.0
1997	**17**	0.0	0.0	0.0	0.0	0.0	0.2	3.4	14.4	0.0	0.0	0.0	5.8
1997	**18**	0.0	0.0	0.0	0.0	0.0	0.0	38.0	22.0	0.0	0.0	0.0	11.6
1997	**19**	2.4	0.0	8.8	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	17.6
1997	**20**	9.8	0.0	0.0	7.8	0.0	0.0	20.0	0.0	0.0	0.0	0.0	31.4
1997	**21**	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.2
1997	**22**	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.6	0.4	0.0
1997	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
1997	**24**	0.0	0.0	0.8	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0
1997	**25**		1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0
1997	**26**		0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.4	6.8
1997	**27**		0.0	0.0	34.6	0.0	6.6	0.0	0.0	0.0	0.0	0.4	0.2
1997	**28**	0.0	0.0	6.2	2.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
1997	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0
1997	**30**	0.0		0.0	0.2	0.0	3.0	0.0	0.0	0.0	0.0	24.2	0.0
1997	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.2
1998	**1**	0.0	0.0	0.8	0.0	7.0	0.0	0.0		0.0	22.0	0.0	0.0
1998	**2**	4.0	0.0	0.0	0.0	0.0	0.0	0.4		0.0	0.0	0.0	0.0
1998	**3**	4.0	0.0	0.0	0.0	0.0	0.0	15.0		0.0	0.0	3.8	0.0
1998	**4**	0.0	0.0	0.0	0.0	11.2	0.0	0.0		0.0	2.0	15.0	1.8
1998	**5**	0.0	0.0	0.0	7.4	4.0	0.0	0.0	0.0	7.6	45.6	0.0	0.0
1998	**6**	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	27.2	0.0	0.0
1998	**7**	0.0	0.0	0.0	0.4	0.0	23.0	0.0	0.0	0.0	55.6	0.0	0.0
1998	**8**	0.0	0.0		0.0	0.0	0.0	8.6	0.0	2.8	19.6	0.0	0.0
1998	**9**	0.0	0.0		11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	**10**	0.0	0.0	0.0	19.8	0.0	9.6	0.0	0.0	0.0	0.0	0.2	0.0
1998	**11**	0.0	0.0	0.0	16.2	0.0	5.4	0.0	0.0	0.4	0.0	0.0	0.0
1998	**12**	0.0	0.0	0.0	0.4	0.0	1.2	0.0	0.0	30.2	0.0	0.0	0.0
1998	**13**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0
1998	**14**	9.6	0.0	0.0	0.0	0.0	0.0	18.6	0.0	0.6	0.0	0.4	0.0
1998	**15**	18.2	0.0	0.0	13.6	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0
1998	**16**	5.2	0.0	0.0	18.2	1.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0
1998	**17**	2.4	0.0	0.0	4.0	1.6	0.8	0.0	0.6	0.0	0.0	0.0	0.0
1998	**18**	0.0	0.0	0.0	10.8	0.0	0.0		0.0	3.2	0.0	1.0	0.0
1998	**19**	5.4	0.0	0.0	0.4	0.0	0.0		10.8	0.0	15.0	0.0	0.0
1998	**20**	0.0	0.0	0.0	0.0	0.4	0.0		0.0	0.0	0.0	0.0	1.0
1998	**21**	0.0	0.0	0.0	0.0	1.2	0.0		0.0	0.0	0.0	0.0	6.6
1998	**22**	0.0	4.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
1998	**23**	0.0	22.0	5.8	0.0	0.2	0.4		0.0	0.0	0.0	0.2	0.0
1998	**24**	0.0	0.0	0.0	0.0	2.0	0.0		0.0	0.0	0.0	0.0	0.0
1998	**25**	0.0	0.0	0.0	0.0	0.0	0.0		0.0	1.6	5.2	0.0	0.0
1998	**26**	0.0	0.0	0.0	0.0	0.0	0.0		0.0	26.0	0.0	0.0	0.0
1998	**27**	0.0	0.0	0.0	9.6	1.2	0.0		0.0	15.0	0.0	0.0	0.0
1998	**28**	0.0	0.0	0.0	19.6	1.2	0.0		6.4	13.4	0.0	0.0	0.0
1998	**29**	0.0		0.0	6.8	18.8	0.0		0.0	0.0	0.0	0.0	0.0
1998	**30**	0.0		0.0	7.4	0.0	12.6		0.0	13.8	0.0	0.0	0.0
1998	**31**	0.0		0.0		3.0			0.0		0.0		0.0

ESM 23. ARPAV Botanical Garden Raw Precipitation Data (mm): 1997-2018
(Attribution should be given to this paper and to ARPAV)

		month											
year	day	1	2	3	4	5	6	7	8	9	10	11	12
1999	1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0		
1999	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0		
1999	3	0.2	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0		
1999	4	0.0	0.0	6.2	0.0	2.6	0.0	0.0	0.0	3.8	1.8		
1999	5	0.0	0.0	4.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0		
1999	6	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0		
1999	7	0.0	0.0	9.0	10.4	0.2	4.0	1.4	0.0	0.0	0.0		
1999	8	0.0	0.0	0.0	45.8	6.6	14.0	1.6	8.6	0.0	0.0		
1999	9	0.0	8.2	0.0	0.4	1.2	0.0	0.0	0.0	0.0	0.0		
1999	10	9.8	11.4	0.0	0.0	0.0	9.8	1.2	0.0	0.0	0.0		
1999	11	13.0	0.0	1.2	0.0	0.0	25.8	4.2	0.0	0.0	0.0		
1999	12	0.0	0.0	0.0	5.0	0.2	0.0	1.2	25.2	0.0	0.0		
1999	13	0.4	0.0	0.0	8.6	0.0	3.0	3.8	2.4	0.0	0.0		
1999	14	0.0	0.0	0.0	0.8	0.0	0.0	5.4	0.0	0.0	0.0		
1999	15	0.0	0.0	0.0	0.0	4.6	19.4	0.0	0.0	0.0	0.0		
1999	16	0.0	0.0	0.0	3.4	0.2	0.0	0.0	0.2	0.0	0.0		
1999	17	0.0	0.0	0.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0		
1999	18	0.0	0.0	0.0	2.4	0.2	4.2	0.0	0.0	7.4	0.0		
1999	19	0.0	0.0	0.0	0.4	0.4	10.0	0.0	0.0	0.2	0.0		
1999	20	0.0	0.0	0.0	0.0	12.6	3.8	0.0	0.8	37.6	7.4		
1999	21	0.0	0.0	0.0	11.8	2.8	2.8	0.0	0.0	0.2	46.4		
1999	22	0.0	0.0	9.0	1.4	0.2	0.0	14.2	0.0	0.0			
1999	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1999	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
1999	25	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0			
1999	26	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	1.2			
1999	27	2.8	0.0	6.4	5.4	0.2	0.2	0.0	0.2	0.0			
1999	28	0.0	0.0	1.4	0.0	1.2	0.2	2.4	0.0	0.2			
1999	29	0.0		2.0	0.0	0.0	3.6	8.4	0.8	0.2	0.0		
1999	30	0.0		0.4	0.0	0.0	7.2	0.0	0.0	0.0	0.0		
1999	31	0.0		0.0		0.0		0.0	0.0		0.0		
2000	1		0.0	14.4	12.2	0.0	0.0	0.0	0.0	0.0	22.2	0.0	0.0
2000	2		1.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	3.0	0.0
2000	3		0.2	0.0	26.4	0.0	0.0	0.0	0.0	0.0	2.8	27.2	1.2
2000	4		0.0	0.0	0.0	0.0	0.0	0.0	10.0		0.2	0.0	0.0
2000	5		0.0	0.0	0.0	0.0	0.0	0.0	21.4		0.0	0.0	0.0
2000	6		0.0	0.0	7.0	0.4	0.0	0.0	0.0		39.2	34.6	0.0
2000	7		0.0	0.0	0.0	10.0	0.0	0.0	0.0	36.4	42.4	0.4	0.8
2000	8		0.0	0.0	0.0	17.6	0.0	15.8	0.0	0.0	13.0	2.8	0.0
2000	9		0.4	0.0	0.0	0.0	0.0	0.2	1.8	0.0	3.2	1.2	2.6
2000	10		0.0	0.0	0.8	0.0	0.0	1.2	0.0	0.0	3.6	0.2	0.0
2000	11		0.0	0.0	0.0	0.0	26.6	5.0	0.0	0.0	1.4	0.0	0.0
2000	12		0.0	0.0	1.2	1.4	1.2	0.6	0.0	0.0	8.8	0.2	0.0
2000	13		0.0	0.0	0.0	0.4	0.0	0.2	0.0	0.0	1.2	11.0	0.0
2000	14		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.8	0.0
2000	15		0.0	0.2	1.8	0.0	1.4	1.6	0.0	0.0	37.6	6.0	0.0
2000	16		1.8	0.0	0.0	0.0	0.0	0.2	0.0	14.0	2.2	8.0	0.0
2000	17		0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.4	1.0	0.0
2000	18		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	10.4	0.0
2000	19		0.0	1.6	0.0	0.0	0.0	1.0	0.0	22.4	0.0	0.0	0.0
2000	20		0.0	2.4	0.0	0.0	0.0	0.0	0.0	4.4	0.0	12.2	0.0
2000	21		0.0	0.0	0.0	0.0	0.0	0.2	0.0	7.0	0.0	9.2	0.0
2000	22		0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	23		0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.6	0.0
2000	24		0.0	0.0	0.0	0.0	1.4	2.2	0.0	0.0	0.0	22.4	2.0
2000	25		0.0	0.2	0.0	0.0	2.2	0.0	0.0	0.2	0.0	0.2	21.4
2000	26		0.0	7.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.8
2000	27		0.0	3.6	0.0	1.6	0.0	0.0	13.2	0.0	0.0	0.0	6.8
2000	28		0.0	29.0	0.0	0.2	0.2	2.8	0.0	0.0	0.0	0.0	2.0
2000	29		0.4	19.4	0.2	0.2	1.4	0.0	0.0	17.0	0.0	0.0	7.8
2000	30			0.0	0.0	0.0	0.0	0.0	1.2	30.0	2.0	0.0	5.6
2000	31			3.8		0.0		0.0	17.8		3.4		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2001	**1**	0.0	0.0	3.2	0.0	0.0	1.2	2.0	0.0	1.2	0.0	0.4	0.0
2001	**2**	2.4	0.0	18.0	0.0	0.0	6.8	0.0	0.0	2.6	0.0	0.0	0.0
2001	**3**	5.4	0.0	4.4	0.0	3.2	39.4	0.8	0.0	0.0	0.0	0.0	0.0
2001	**4**	5.2	0.0	2.8	0.0	3.4	0.0	0.0	0.0	6.4	9.6	0.0	0.0
2001	**5**	1.0	0.2	2.6	13.2	5.6	0.0	0.0	0.0	8.2	0.0	0.0	0.0
2001	**6**	0.4	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.2	0.8	0.0
2001	**7**	0.0	0.0	0.0	15.0	2.8	0.0	0.0	0.0	0.0	3.2	0.0	0.0
2001	**8**	9.8	0.0	18.6	0.2	1.2	0.0	2.4	0.0	0.0	0.2	0.0	0.0
2001	**9**	0.0	0.2	7.6	0.0	0.0	0.0	3.0	0.0	0.0	0.0	13.4	0.0
2001	**10**	0.2	0.0	0.6	2.4	6.2	0.0	2.0	0.0	3.2	0.0	0.0	0.0
2001	**11**	0.2	0.0	0.2	7.6	0.0	0.0	0.0	24.4	0.0	0.0	8.4	0.0
2001	**12**	6.0	0.0	0.6	0.0	0.2	0.0	4.4	0.0	0.0	0.0	3.2	0.0
2001	**13**	0.0	0.0	20.2	5.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	
2001	**14**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
2001	**15**	0.0	0.0	0.0	0.0	1.6	0.0	4.4	0.0	4.4	0.0	0.0	0.0
2001	**16**	0.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	1.8	0.0	0.0	0.0
2001	**17**	5.0	0.0	21.4	0.2	0.6	2.0	0.0	0.0	1.4	0.0	0.0	0.0
2001	**18**	10.4	0.0	0.2	0.8	0.2	1.8	0.2	0.0	0.0	0.0	3.0	0.0
2001	**19**	0.0	0.0	0.0	0.2	0.0	4.6	14.8	0.0	4.0	0.0	5.4	0.0
2001	**20**	1.4	0.0	0.0	8.2	0.0	0.0	55.2	0.4	0.0	0.0	0.0	0.0
2001	**21**	0.2	0.0	0.0	6.4	26.6	0.0	0.0	0.0	0.0	26.6	0.0	0.0
2001	**22**	0.0	0.0	2.0	0.2	0.0	0.0	0.0	0.0	0.6	0.2	0.0	0.0
2001	**23**	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6	6.0	0.0	0.0
2001	**24**	6.8	0.0	0.0	0.0	0.0	0.0	36.4	0.0	1.4	4.2	0.0	0.0
2001	**25**	18.6	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
2001	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
2001	**27**	2.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0
2001	**28**	0.0	15.0	5.4	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	**29**	0.0		0.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	**30**	8.2		61.6	0.0	0.0	0.0	0.0	5.6	6.4	0.0	0.0	0.0
2001	**31**	4.6		0.0		0.0		0.0	16.2		0.2		0.0
2002	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002	**2**	0.0	0.0	1.2	0.0	3.4	0.0	2.4	0.0	0.0	0.0	0.8	0.2
2002	**3**	0.0	0.0	0.0	0.0	14.0	3.6	0.0	0.0	0.0	0.0	0.6	18.6
2002	**4**	0.0	0.2	0.0	0.0	26.2	0.2	0.2	0.0	0.0	0.0	0.4	4.2
2002	**5**	0.0	0.2	0.0	0.2	0.6	1.6	4.6	10.4	4.0	0.0	0.0	3.0
2002	**6**	0.0	28.2	0.4	1.6	0.0	25.4	50.2	25.6	0.0	0.0	0.0	0.0
2002	**7**	0.0	2.0	0.0	1.4	0.0	14.2	0.0	0.0	0.0	0.0	0.0	0.0
2002	**8**	0.0	0.0	0.0	3.8	26.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002	**9**	0.0	0.0	0.0	32.8	9.2	17.4	0.0	15.6	0.0	0.0	0.0	0.0
2002	**10**	0.0	0.0	0.0	0.0	0.4	0.0	0.0	7.4	0.0	22.0	0.0	0.0
2002	**11**	0.0	0.2	0.0	13.6	10.4	0.0	0.0	46.0	0.0	9.6	0.0	0.0
2002	**12**	0.0	0.0	0.0	32.2	0.0	0.0	0.0	0.2	1.0	13.2	0.6	3.8
2002	**13**	0.0	0.0	0.0	4.2	6.0	0.0	1.2	0.0	0.2	0.0	3.2	3.6
2002	**14**	0.0	0.2	0.0	12.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0
2002	**15**		22.2	0.0	2.0	0.0	0.0	18.0	0.0	0.0	0.0	0.0	1.0
2002	**16**	0.0	10.2	0.0	1.6	0.0	0.0	0.2	0.0	0.0	0.0	1.2	0.0
2002	**17**	0.2	3.8	0.0	0.2	0.0	0.0		0.0	0.0	2.6	3.2	3.2
2002	**18**	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	21.2	9.8
2002	**19**	0.0	0.2	0.0	0.0	4.6	0.0	9.0	0.0	0.0	0.0	0.2	0.0
2002	**20**	0.0	0.0	0.0	1.8	1.6	0.0	0.0	0.0	0.0	0.0	0.8	0.0
2002	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.8	7.4	17.0	0.0
2002	**22**	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	6.0	55.2	5.6	0.0
2002	**23**	0.2	0.0	0.0	0.4	5.2	0.0	0.0	0.0	8.6	0.4	0.2	0.0
2002	**24**	44.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	2.8	0.0	13.6	0.0
2002	**25**	0.0	0.0	0.0	0.0	1.2	4.4	3.2	0.0	0.0	3.4	1.6	1.6
2002	**26**	0.0	0.0	0.0	0.0	3.8	0.0	0.0	2.4	0.0	0.0	13.6	0.0
2002	**27**	0.0	0.0	0.0	4.4	11.4	0.0	0.0	20.2	0.0	0.0	19.8	1.2
2002	**28**	0.0	0.0	0.0	0.0	4.8	38.4	0.0	16.4	0.0	0.0	0.0	12.0
2002	**29**	0.0		0.0	0.0	0.2	0.0	0.0	4.2	0.0	0.0	0.2	0.0
2002	**30**	0.6		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002	**31**	0.0		0.0		0.0		11.0	0.0		0.0		27.8

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2003	**1**	0.0	0.0	0.0	0.0	0.6	12.8	0.0	0.0	0.4	0.0	44.8	1.4
2003	**2**	0.0	0.0	1.0	35.6	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0
2003	**3**	0.0	0.0	2.0	51.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
2003	**4**	0.0	10.6	0.0	14.8	0.0	0.0	1.2	0.0	0.0	4.4	0.0	0.0
2003	**5**	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	0.0
2003	**6**	8.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	**7**	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	**8**	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.2	46.6	0.0
2003	**9**	0.2	0.0	0.0	0.0	0.0	0.0	7.2	0.0	8.6	0.0	0.2	0.0
2003	**10**	0.6	0.0	0.0	27.8	3.6	0.0	0.0	0.0	5.8	0.0	0.0	9.8
2003	**11**	0.0	0.0	0.0	1.2	0.2	0.0	0.0	0.0	7.8	0.0	0.0	0.4
2003	**12**	0.0	0.0	0.0	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0
2003	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0
2003	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	**16**	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	4.2	0.0
2003	**17**	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	7.0	0.0
2003	**18**	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0
2003	**19**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	**20**	0.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	0.0	19.4	0.0	0.0
2003	**21**	18.8	0.0	0.0	0.8	10.4	0.0	0.0	0.0	0.0	0.0	0.0	11.2
2003	**22**	2.2	0.0	0.0	0.0	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.2
2003	**23**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	0.0	0.0
2003	**24**	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0	9.8	1.0	0.0	0.0
2003	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
2003	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0
2003	**27**	0.0	0.0	0.0	5.2	0.0	17.4	0.0	0.0	0.0	7.8	13.4	0.0
2003	**28**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	4.4	0.2	0.0	0.8	9.2
2003	**29**	0.0		0.0	0.0	0.0	9.6	1.2	0.0	3.0	10.2	0.0	42.8
2003	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	6.2
2003	**31**	0.0		0.0		0.0		0.0	0.0		7.4		13.2
2004	**1**	0.0	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.8	2.2
2004	**2**	0.0	0.0	0.0	0.0	0.0	13.6	3.2	0.0	0.0	0.0	0.0	4.6
2004	**3**	0.0	0.0	0.0	0.0	0.4	3.0	0.4	29.8	0.0	0.0	0.0	2.8
2004	**4**	0.0	0.0	0.0	0.0	40.0	0.0	0.0	6.2	0.0	0.0	0.0	0.8
2004	**5**	0.0	0.0	0.0	0.0	12.8	11.2	0.0	0.0	0.0	0.0	0.0	11.0
2004	**6**	0.0	0.0	5.4	7.4	4.2	0.0	0.0	0.0	0.0	0.0	7.8	1.8
2004	**7**	0.0	0.0		0.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004	**8**	0.0	0.0		1.4	2.6	0.0	0.0	1.4	2.0	0.0	0.0	0.0
2004	**9**	2.8	0.0	0.0	4.0	4.4	0.0	0.0	0.2	0.0	0.0	3.6	0.0
2004	**10**	0.0	0.0	4.6	3.0	0.0	0.0	0.0	0.0	0.0	5.0	29.2	0.0
2004	**11**	0.0	0.0	53.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.6	0.0
2004	**12**	0.2	0.0	0.0	6.2	4.4	18.0	0.2	0.4	0.2	0.0	1.0	0.0
2004	**13**	0.0	0.0	0.0	9.4	1.6	17.2	0.4	0.0	0.0	0.0	4.6	0.0
2004	**14**	0.0	0.0	0.0	0.8	5.4	0.0	0.0	0.0	51.2	16.6	0.0	0.0
2004	**15**	0.0	0.0	0.0	1.2	0.4	0.0	0.0	0.0	0.2	2.6	0.0	0.0
2004	**16**	0.4	0.0	0.0	9.6	0.0	0.0	0.0	0.0	38.4	3.8	0.0	4.2
2004	**17**	14.0	0.0	0.0	1.6	0.0	2.6	0.0	0.0	0.0	9.4	0.0	0.6
2004	**18**	34.2	3.6	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
2004	**19**	2.6	35.8	0.0	3.2	0.0	1.6	0.0	0.0	0.0	1.4	0.0	0.0
2004	**20**	0.0	22.8	0.0	1.0	0.0	13.8	0.0	0.0	0.0	2.8	0.0	0.0
2004	**21**	0.0	50.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.2	0.0	0.0
2004	**22**	0.0	25.2	7.2	0.0	15.2	0.0	0.0	0.0	0.0	3.4	0.0	0.0
2004	**23**	0.0	25.0	17.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004	**24**	0.0	21.0	0.4	9.6	0.0	0.0	28.4	0.0	5.0	0.0	0.0	0.0
2004	**25**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
2004	**26**			3.8	0.0	0.0	0.0	0.4	0.0	0.0	2.0	0.0	28.4
2004	**27**			0.0	0.0	0.0	0.0	15.2	0.0	0.0	0.2	0.0	9.2
2004	**28**	0.4		0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.8	0.0	2.8
2004	**29**	0.0		0.0	0.6	0.0	0.6	0.0	0.0	0.0	37.2	8.2	6.2
2004	**30**	0.0		0.0	22.2	0.0	0.0	0.0	0.0	0.0	0.4	43.8	0.0
2004	**31**	0.0		0.0		0.0		0.0	0.0		41.4		0.0

ESM 23. ARPAV Botanical Garden Raw Precipitation Data (mm): 1997-2018
(Attribution should be given to this paper and to ARPAV)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2005	**1**	0.0	0.0	0.0	0.0	0.0	0.0	40.2	0.0	0.0	0.0	2.4	0.0
2005	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	15.8	0.0	0.8
2005	**3**	0.0	0.0	16.0	0.0	0.0	0.0	0.0	5.4	4.8	82.8	0.0	9.6
2005	**4**	0.0	0.0	0.0	0.0	11.4	0.0	0.0	0.0	0.4	0.2	0.0	5.0
2005	**5**	0.0	0.0	0.0	0.0	3.4	0.0	7.4	0.0	0.0	28.8	37.0	11.0
2005	**6**	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	2.8	89.8	7.0
2005	**7**	0.0	0.0	0.0	0.0	0.0	13.6	1.8	0.2	0.0	52.6	8.4	0.0
2005	**8**	0.2	0.0	0.0	18.6	0.8	0.4	12.2	0.0	7.6	11.6	0.0	0.0
2005	**9**	0.0	0.0	0.0	11.8	3.6	0.2	0.8	0.0	5.0	0.0	0.0	0.0
2005	**10**	0.0	0.0	0.0	16.8	0.2	0.0	4.4	0.0	0.0	0.0	0.0	0.0
2005	**11**	0.0	0.0	0.0	8.6	0.4	0.0	1.0	7.0	0.0	0.0	0.0	0.0
2005	**12**	0.0	0.0	0.0	2.0	0.0	2.2	5.8	0.4	0.0	0.0	0.0	11.8
2005	**13**	0.0	0.0	0.0	0.2	0.0	0.2	0.2	3.8	0.0	0.0	0.2	0.4
2005	**14**	0.0	0.0	0.0	0.0	4.6	4.8	0.0	33.6	0.2	0.0	0.0	0.0
2005	**15**	0.2	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0
2005	**16**	0.0	0.0	0.0	13.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
2005	**17**	0.0	0.0	0.0	0.0	20.2	0.0	0.0	0.0	19.4	0.0	0.0	0.0
2005	**18**		0.0	0.0	0.0	55.0	0.0	0.0	0.0	27.4	0.0	0.0	0.0
2005	**19**		0.0	0.0	3.8	0.0	0.0	1.8	0.0	0.6	0.0	0.0	0.0
2005	**20**	0.0	0.0	0.0	4.6	0.0	0.0	0.0	10.4	0.2	12.8	0.0	0.0
2005	**21**	0.0		0.0	1.8	0.0	0.0	1.4	42.4	0.0	2.2	0.0	0.0
2005	**22**	0.0		0.0	0.4	0.0	0.0	20.4	2.2	0.0	1.0	0.0	0.0
2005	**23**	0.0	0.0	0.0	0.0	2.8	0.0	2.6	0.4	0.0	0.2	0.0	0.0
2005	**24**	0.0	0.0	0.8	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005	**25**	0.0	0.8	0.4	12.8	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0
2005	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.8	0.0
2005	**27**	0.0	0.2	0.6	0.0	0.0	0.0	0.0	90.2	0.0	0.0	0.4	5.8
2005	**28**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	0.0	0.0	1.0	0.8
2005	**29**	0.0		0.0	0.0	0.0	24.8	0.0	0.0	1.0	0.0	11.0	0.0
2005	**30**	0.0		0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0
2005	**31**	0.0		0.0		0.0		0.0	0.0		2.2		2.4
2006	**1**	13.4	0.0	0.0	0.0	0.0	4.2	0.0	29.6	0.0	0.0	0.0	0.0
2006	**2**	7.2	0.0	0.0	0.0	0.0	8.6	0.0	3.0	0.0	0.0	0.0	0.0
2006	**3**	0.0	0.0	0.0	13.2	0.0	0.0		29.6	0.0	0.0	0.0	0.0
2006	**4**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.8	0.0	0.0	0.0	5.4
2006	**5**	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006	**6**	0.0	0.0	0.2	24.0	0.0	5.2	20.2	0.0	0.0	0.0	0.0	3.6
2006	**7**	0.0	0.0	0.0	0.0	0.0	0.0	20.2	0.0	0.0	0.0	0.0	1.4
2006	**8**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
2006	**9**	0.0	0.0	0.0	0.0	33.0	0.0	0.0	25.0	0.0	0.0	0.0	22.6
2006	**10**	0.0	0.0	7.0	2.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6
2006	**11**	0.0	0.0	12.2	9.8	0.2	0.4	0.0	0.2	0.0	0.0	0.0	0.0
2006	**12**	0.0	0.0	4.6	0.2	0.0	0.0	0.6	14.0	0.0	0.0	0.0	0.0
2006	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006	**14**	0.0	0.0	0.0	0.0	1.8	0.0	0.0	10.0	16.0	0.0	0.0	0.0
2006	**15**	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	100.8	0.0	0.0	0.0
2006	**16**	0.0	1.6	0.2	0.0	0.0	0.0	0.0	6.4	37.0	0.0	0.0	0.0
2006	**17**		0.2	0.0	0.0	0.0	0.0	0.0	2.2	93.8	0.0	0.0	2.6
2006	**18**		2.6	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.0	5.4	25.2
2006	**19**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.0	0.0	5.8	0.0	0.0
2006	**20**	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.2	0.0	10.6	2.6	0.0
2006	**21**	0.0	3.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	11.6	0.0
2006	**22**	0.0	18.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	15.2	0.0
2006	**23**	0.2	1.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006	**24**	0.0	4.8	0.0	0.0	26.4	0.0	0.4	2.0	0.0	0.4	0.2	0.0
2006	**25**	0.0	2.6	0.0	0.0	0.0	0.0	0.0	13.4	0.2	0.0	0.8	0.0
2006	**26**		1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
2006	**27**		0.0	0.0	0.8	0.0	0.0	4.2	10.4	0.0	0.0	0.0	0.0
2006	**28**	2.4	0.0	1.6	3.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
2006	**29**	0.2		0.0	1.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
2006	**30**	0.0		0.0	9.6	25.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0
2006	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2007	**1**	0.4	0.0	0.0	0.2	0.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0
2007	**2**	2.8	0.0	0.0	0.0	42.4	8.0	0.6	0.0	0.0	0.0	0.0	0.0
2007	**3**	0.0	0.2	0.0	3.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	2.0
2007	**4**	0.0	0.0	0.0	0.2	58.6	0.0	4.6	0.0	18.8	0.0	0.0	0.0
2007	**5**	0.0	0.0	0.0	0.0	12.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0
2007	**6**	0.0	13.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	6.6	0.0	0.0
2007	**7**	0.0	4.4	14.6	0.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.8
2007	**8**	1.8	3.8	1.8	0.0	0.0	1.2	0.0	20.6	0.0	0.0	0.0	17.6
2007	**9**	0.0	1.6	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	2.0	6.0
2007	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	6.8	11.0	0.0	0.0	0.0
2007	**11**	0.0	0.0	0.0	0.0	0.0	14.8	6.8	0.2	0.0	0.0	0.0	0.0
2007	**12**	0.2	23.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.2
2007	**13**	0.0	7.6	0.0	0.0	0.0	36.2	0.0	0.0	0.0	0.0	0.0	0.0
2007	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
2007	**15**	0.0	0.0	0.0	0.0	0.0	26.6	0.0	0.0	0.0	0.0	0.0	3.0
2007	**16**	0.2	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0
2007	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	2.4	0.0	0.0
2007	**19**	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007	**20**	0.0	0.0	14.6	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0
2007	**21**	0.0	0.4	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0
2007	**22**	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	12.0	0.0
2007	**23**	17.8	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	7.2	0.0
2007	**24**	0.0	3.4	2.4	0.0	0.0	0.0	1.6	0.0	0.0	8.2	4.6	0.0
2007	**25**	0.8	3.0	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
2007	**26**	0.0	0.0	11.0	0.0	16.8	0.0	0.0	0.0	36.0	15.6	0.0	0.0
2007	**27**	0.0	0.0	0.0	0.0	3.4	1.2	0.0	0.0	17.2	0.2	0.0	0.0
2007	**28**	0.0	0.0	0.0	0.0	12.0	0.0	0.0	1.0	7.0	0.2	0.8	0.0
2007	**29**	0.0		0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
2007	**30**	0.0		18.0	0.0	7.2	0.0	9.2	19.6	0.0	18.8	0.0	0.0
2007	**31**	0.0		11.6		0.0		0.0	0.0		0.8		0.0
2008	**1**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	4.6	10.0
2008	**2**	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	5.8
2008	**3**	0.4	3.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0
2008	**4**	3.8	19.2	11.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	28.2	0.0
2008	**5**	8.8	15.8	0.0	0.0	5.8	11.6	0.0	0.0	0.0	0.0	0.0	27.6
2008	**6**	8.4	0.0	0.0	0.0	0.0	22.0	50.8	0.2	0.0	0.0	5.2	0.0
2008	**7**	0.0	0.0	9.2	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.2
2008	**8**	0.0	0.0	3.8	2.2	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0
2008	**9**	0.0	0.0	0.4	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008	**10**	0.0	0.0	4.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4
2008	**11**	0.0	0.0	3.4	1.4	0.0	0.4	0.0	0.0	0.0	0.0	1.0	20.4
2008	**12**	15.8	0.0	0.2	2.8	0.0	0.8	0.0	0.0	8.8	0.0	15.2	13.8
2008	**13**	6.2	0.0	0.0	1.6	0.0	4.2	0.0	6.2	44.4	0.0	36.6	6.8
2008	**14**	0.0	0.0	0.0	9.8	0.0	12.8	0.0	7.0	3.2	0.0	1.6	2.0
2008	**15**	3.0	0.0	0.0	25.6	13.8	0.8	0.0	43.8	0.2	0.0	0.0	46.4
2008	**16**	14.6	0.0	0.0	0.0	0.0	1.6	0.0	19.4	0.0	0.0	0.0	20.4
2008	**17**	32.6	0.0	6.8	2.4	10.4	10.6	0.0	38.8	0.0	0.0	4.2	0.0
2008	**18**	0.0	0.0	0.0	26.2	77.0	9.6	11.2	0.0	0.0	0.0	0.0	0.4
2008	**19**	0.2	0.0	0.0	4.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008	**20**	0.2	0.0	0.0	0.0	15.4	0.0	13.6	0.0	0.0	0.0	0.0	0.0
2008	**21**	0.0	0.0	0.0	24.6	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0
2008	**22**	0.6	0.0	1.4	2.0	9.8	0.0	1.2	0.0	0.0	0.0	0.0	0.0
2008	**23**	0.0	0.0	11.6	0.0	3.2	0.0	0.0	0.0	3.2	1.6	0.0	0.0
2008	**24**	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
2008	**25**	0.0	0.0	0.0	1.4	0.2	0.0	0.0	0.0	0.0	0.0		5.8
2008	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008	**27**	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008	**28**	0.0	0.0	0.0	0.0	0.0	32.4	0.0	0.0	0.0	9.4	19.8	0.0
2008	**29**	0.0	0.0	0.0	1.6	0.4	0.0	0.0	0.0	0.0	20.4	9.8	0.0
2008	**30**	0.0		0.0	0.0	11.6	0.2	0.0	0.0	0.2	8.8	37.2	0.0
2008	**31**	0.0		0.0		0.0		15.4	0.0		16.8		0.4

ESM 23. ARPAV Botanical Garden Raw Precipitation Data (mm): 1997-2018
(Attribution should be given to this paper and to ARPAV)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2009	**1**	18.4	7.6	0.4	3.8	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2
2009	**2**	0.0	21.6	0.0	19.0	1.8	0.0	0.0	0.0	0.0	0.0	29.0	0.0
2009	**3**	0.0	11.8	1.2	0.0	0.0	0.0	0.4	3.4	0.0	0.0	11.6	0.0
2009	**4**	0.0	3.0	32.6	1.4	3.2	0.8	5.4	0.0	0.0	0.0	0.8	27.2
2009	**5**	0.0	0.2	18.0	3.6	5.0	1.2	2.2	0.0	0.0	0.0	0.0	0.6
2009	**6**	0.0	12.6	1.6	0.0	0.0	3.0	0.0	0.0	0.0	0.0	11.4	0.0
2009	**7**	3.4	9.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.4	7.6
2009	**8**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	18.4
2009	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	4.8	0.0
2009	**10**	0.0	3.2	0.0	0.0	0.0	0.0	9.6	0.0	0.0	7.6	0.0	0.0
2009	**11**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.0
2009	**12**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0
2009	**14**	6.4	0.0	0.0	0.0	0.0	0.0	0.0	7.0	24.4	0.0	1.0	0.0
2009	**15**	9.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	2.6	0.0	0.0	0.0
2009	**16**	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	156.6	0.0	0.0	0.0
2009	**17**	0.0	0.0	0.0	0.2	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0
2009	**18**	2.4	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
2009	**19**	6.0	0.0	7.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2009	**20**	6.4	0.0	2.2	7.6	0.0	20.6	0.0	0.0	0.0	0.0	0.0	0.0
2009	**21**	7.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.4	0.0	
2009	**22**	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	15.2	0.2	
2009	**23**	1.2	0.0	0.0	8.2	0.0	0.2	0.0	0.0	0.0	7.8	3.8	4.2
2009	**24**	0.2	0.0	0.0	0.0	9.4	0.8	0.0	0.0	0.0	2.4	0.0	16.2
2009	**25**	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	2.4
2009	**26**	5.4	0.0	0.0	17.6	0.0	0.4	0.0	0.0	0.0	0.0	2.0	0.0
2009	**27**	10.6	0.0	0.0	34.2	0.0	41.6	0.0	0.0	0.0	0.0	3.8	0.0
2009	**28**	0.0	0.0	6.4	29.6	0.0	2.0	0.0	0.0	0.0	0.0	1.8	0.0
2009	**29**	0.0		55.6	40.6	0.4	0.4	0.0	0.0	0.0	0.0	2.0	0.0
2009	**30**	0.0		4.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	4.8	5.0
2009	**31**	0.0		6.4		0.0		0.0	0.0		0.0		1.2
2010	**1**	0.4	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	1.0	26.6	18.6
2010	**2**	13.6	0.0	0.0	0.2	12.2	0.0	0.0	0.0	0.0	0.0	25.4	0.4
2010	**3**	0.0	0.0	10.0	0.4	9.0	0.8	0.0	7.6	2.0	0.0	1.2	4.6
2010	**4**	0.2	0.0	3.4	6.0	36.2	0.0	0.0	0.0	0.0	4.6	0.0	8.2
2010	**5**	6.2	47.0	8.0	7.8	11.8	0.0	0.8	19.6	0.0	4.8	0.0	0.0
2010	**6**	0.8	9.8	0.0	0.0	0.2	0.0	15.6	0.6	9.6	0.0	0.0	16.6
2010	**7**	0.8	0.0	0.0	0.0	0.2	2.4	0.0	0.0	1.6	0.0	4.8	7.8
2010	**8**	20.8	0.0	0.0	0.0	1.0	0.0	0.0	0.0	32.6	0.0	10.2	3.8
2010	**9**	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	5.6	0.0
2010	**10**	2.6	17.4	16.0	3.2	4.8	0.0	0.0	0.0	0.0	0.0	8.8	0.0
2010	**11**	0.0	2.8	0.0	5.2	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010	**12**	0.0	0.0	0.0	0.0	63.4	0.0	0.0	0.6	0.0	0.0	0.2	0.0
2010	**13**	0.0	0.0	0.0	0.0	1.8	20.0	0.0	13.0	0.0	0.0	0.0	0.0
2010	**14**	0.2	0.0	0.0	0.2	0.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0
2010	**15**	0.0	0.0	0.0	0.2	8.6	22.0	0.0	0.0	0.0	0.0	0.0	0.0
2010	**16**	0.0	0.0	0.0	1.2	0.0	21.0	0.0	0.0	0.0	12.2	16.4	0.0
2010	**17**	0.0	0.8	0.0	4.4	0.0	0.2	0.0	0.0	13.6	8.2	0.0	3.6
2010	**18**	0.0	7.0	0.0	1.0	0.0	1.4	29.4	0.0	6.0	0.0	3.8	0.0
2010	**19**	0.0	41.4	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	4.2	0.0
2010	**20**	0.0	1.2	0.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.8	0.0
2010	**21**	0.0	0.2	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	20.4	4.4
2010	**22**	0.0	1.0	7.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8	23.2
2010	**23**	0.0	3.0	0.6	2.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	16.6
2010	**24**	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	11.8	4.8	2.8	14.6
2010	**25**	0.0	0.2	0.0	0.0	0.0	0.0	5.6	0.0	8.4	40.2	0.0	14.2
2010	**26**	1.2	11.6	0.0	0.0	0.0	0.0	0.2	0.0	0.0	2.2	24.0	1.0
2010	**27**	0.0	0.0	0.0	14.0	2.0	0.0	0.6	0.0	11.8	0.0	0.0	0.0
2010	**28**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	16.2	0.0	0.0	13.2	0.0
2010	**29**			0.0	0.0	52.0	0.0	60.2	0.0	0.0	0.0	0.0	0.0
2010	**30**			12.0	0.0	0.0	0.0	0.6	0.8	0.0	0.0	0.0	0.0
2010	**31**	4.2		1.0		0.0		0.0	0.0		22.0		0.0

ESM 23. ARPAV Botanical Garden Raw Precipitation Data (mm): 1997-2018
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2011	**1**	0.0	0.0	0.0	0.0	0.0	3.2	2.8	0.0	0.0	0.0	0.0	0.0
2011	**2**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
2011	**3**	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
2011	**4**	0.0	0.0	0.0	3.6	5.0	0.0	0.0	0.0	21.8	0.0	5.2	0.0
2011	**5**	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.6	0.0	2.4	0.2
2011	**6**	3.8	0.0	0.0	0.0	0.0	4.8	0.0	1.2	0.0	0.0	38.4	0.0
2011	**7**	4.6	0.0	0.0	0.0	0.0	38.0	0.6	0.2	0.0		24.4	0.0
2011	**8**	0.2	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.4	29.4	0.0
2011	**9**	0.2	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.2	0.0	0.2
2011	**10**	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
2011	**11**	0.8	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	**12**	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	3.8	0.0	0.0	8.0
2011	**13**	0.0	0.2	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	**14**	0.0	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
2011	**15**	0.0	0.0	4.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	**16**	0.0	37.4	62.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	4.0
2011	**17**	0.2	5.2	7.6	0.0	0.0	20.0	0.2	0.0	0.0	0.0	0.0	0.0
2011	**18**	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0
2011	**19**	1.2	0.0	1.8	0.0	0.0	3.0	2.6	0.0	6.4	1.6	0.0	0.0
2011	**20**	1.8	1.2	0.0	0.0	0.8	0.0	1.0	0.0	0.4	31.2	0.0	0.0
2011	**21**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	**23**	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0
2011	**24**	0.0	0.0	0.0	0.0	0.0	0.0	34.2	0.0	0.0	1.0	0.0	0.8
2011	**25**	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	32.6	0.0	0.0
2011	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	0.0
2011	**27**	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	**28**	0.0	1.2	3.4	1.6	0.0	0.0	39.6	0.0	0.0	0.0	0.0	0.0
2011	**29**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	2.8
2011	**30**	0.0		0.0	0.0	0.0	2.8	26.4	0.0	0.0	0.0	0.0	0.0
2011	**31**	0.0		0.0		0.0		0.4	0.0		0.0		0.0
2012	**1**	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	18.0	10.4	0.2
2012	**2**	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	3.8
2012	**3**	2.8	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0
2012	**4**	0.0	0.0	1.0	0.8	0.0	10.4	0.0	0.0	4.8	0.0	10.4	0.4
2012	**5**	0.2	0.0	0.0	10.6	0.0	0.0	0.0	0.0	3.4	0.0	5.6	0.0
2012	**6**	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2012	**8**	0.0	0.0	0.0	11.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	
2012	**9**	0.0	0.0	0.0	0.0	0.0	2.8	0.0	4.6	0.0	0.4	0.0	0.2
2012	**10**	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2
2012	**11**	0.0	0.0	0.0	23.0	0.0	0.0	0.0	5.4	0.0	1.0	41.8	0.2
2012	**12**	0.0	1.0	0.0	0.0	0.0	2.8	0.0	0.0	26.0	0.4	4.2	0.0
2012	**13**	0.0	0.0	0.0	14.6	13.8	19.0	0.0	0.0	2.6	3.8	0.0	0.0
2012	**14**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6
2012	**15**	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	19.8	0.0	11.4
2012	**16**	0.0	0.0	0.0	1.0	12.2	0.0	0.0	0.0	0.0	0.6	0.0	0.0
2012	**17**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	**18**	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	**19**	0.0	2.2	19.4	18.4	0.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0
2012	**20**	0.0	24.0	0.0	2.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	1.8
2012	**21**	0.0	0.0	0.0	4.0	58.6	0.0	4.2	0.0	0.0	0.0	0.0	7.2
2012	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
2012	**23**	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	**24**	0.0	0.0	0.0	8.0	1.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0
2012	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	**26**	0.0	0.0	0.0	0.0	3.2	0.0	0.0	1.2	12.8	23.8	0.0	1.8
2012	**27**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	9.8	18.4	0.0
2012	**28**	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	28.4	23.0	0.0
2012	**29**	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	1.4	0.6	0.0	0.0
2012	**30**	0.0		0.0	0.0	0.0	0.0	0.0	5.2	6.8	0.0	4.6	0.0
2012	**31**	0.0		0.0		3.6		0.0	22.6		28.4		0.0

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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2013	**1**	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2013	**2**	9.4	40.8	0.0	0.4	2.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0
2013	**3**	0.0	0.6	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.8	0.0
2013	**4**	0.0	0.0	0.0	4.6	0.0	0.0	6.4	0.0	0.0	0.0	8.4	0.0
2013	**5**	0.0	0.0	0.0	25.2	11.8	28.2	2.8	0.0	0.0	3.6	0.2	0.0
2013	**6**	0.0	0.2	23.2	1.0	3.2	1.4	3.8	0.0	0.0	13.8	0.0	0.0
2013	**7**	0.0	0.0	11.0	0.0	21.8	0.0	0.0	0.0	0.0	28.0	0.0	0.0
2013	**8**	0.0	0.0	3.0	3.4	0.0	0.0	0.6	0.0	0.0	6.6	0.2	0.0
2013	**9**	0.0	0.0	7.8	8.0	0.0	1.8	0.0	0.0	0.0	0.0	2.0	0.0
2013	**10**	0.0	0.0	0.8	0.2	5.4	0.0	0.0	1.0	6.2	0.2	0.2	0.0
2013	**11**	0.0	28.0	2.2	0.0	1.6	0.0	1.4	0.0	0.2	0.2	0.0	0.0
2013	**12**	0.0	0.4	2.0	0.2	5.2	0.0	0.6	0.0	0.0	6.0	0.0	0.0
2013	**13**	13.4	0.0	19.6	0.0	0.0	0.0	27.4	0.0	0.2	0.0	0.0	0.0
2013	**14**	9.8	0.0	2.4	0.0	0.0	0.0	0.0	11.6	0.0	0.0	4.6	0.0
2013	**15**	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	41.6	0.0
2013	**16**	29.8	0.0	0.0	0.0	33.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0
2013	**17**	2.6	0.0	8.6	0.0	10.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0
2013	**18**	0.0	0.0	44.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	**19**	3.8	0.0	0.0	2.4	6.0	0.0	0.0	6.4	0.0	0.0	9.0	0.0
2013	**20**	14.8	0.2	3.8	3.4	2.0	0.0	0.0	3.8	0.0	25.4	0.4	0.2
2013	**21**	1.6	6.4	4.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.2
2013	**22**	6.0	0.0	0.0	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
2013	**23**	8.6	1.4	7.4	6.2	3.4	0.0	0.0	0.0	0.0	4.6	26.4	0.0
2013	**24**	0.2	3.0	21.0	0.0	25.8	0.2	0.0	6.4	0.0	4.4	0.2	0.0
2013	**25**	0.0	0.0	35.0	0.0	3.2	13.4	0.0	48.0	0.0	0.0	0.0	3.6
2013	**26**	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.2	0.0	0.0	0.0	10.8
2013	**27**	0.0	4.4	0.0	21.4	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0
2013	**28**	6.8	0.0	19.0	0.6	0.0	11.2	0.0	0.2	0.0	0.0	0.0	0.0
2013	**29**	0.2		14.0	4.4	14.6	0.0	1.4	0.0	16.2	3.6	0.0	5.0
2013	**30**	0.0		37.8	0.8	9.8	0.0	0.0	0.0	9.8	0.2	0.0	0.2
2013	**31**	0.0		7.8		0.8		0.0	0.0		0.0		0.0
2014	**1**	0.0	11.2	53.4	0.0	0.0	0.0	0.0	0.0	5.4	5.6	0.0	5.4
2014	**2**	2.8	24.6	14.0	0.0	25.4	0.8	0.0	0.0	0.4	0.0	0.0	0.2
2014	**3**	1.2	30.6	0.0	0.0	1.2	20.4	0.0	18.4	6.0	0.0	0.0	21.6
2014	**4**	22.2	24.0	0.0	0.2	0.0	9.0	0.0	0.0	0.2	0.0	0.0	0.4
2014	**5**	36.2	2.0	0.0	1.0	0.0	0.0	0.0	2.0	3.8	0.0	18.8	0.4
2014	**6**	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	5.4
2014	**7**	0.0	2.4	0.0	0.0	0.0	0.0	41.4	0.0	0.0	0.2	0.2	0.2
2014	**8**	0.0	0.2	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.8	4.0	0.0
2014	**9**	0.0	6.0	0.0	0.0	0.0	0.0	5.0	28.2	25.6	0.6	0.8	0.0
2014	**10**	0.0	31.0	0.0	0.0	0.0	0.0	13.2	0.0	24.2	0.0	9.4	0.0
2014	**11**	0.0	5.4	0.0	0.0		0.0	0.0	0.0	2.4	0.8	1.2	0.0
2014	**12**	0.0	0.0	0.0	0.0	12.4	1.6	29.4	0.0	9.6	0.0	54.6	0.0
2014	**13**	0.6	5.2	0.0	0.0	3.4	1.8	7.2	10.2	0.0	40.6	12.2	1.2
2014	**14**	22.6	0.0	0.0	0.0	0.0	12.4	17.8	1.0	0.0	0.2	0.2	0.6
2014	**15**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.4	0.2
2014	**16**	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	11.4
2014	**17**	11.2	0.8	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	28.8	
2014	**18**	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
2014	**19**	13.6	1.6	0.0	0.0	0.0	0.0	0.0	2.8	14.8	0.0	0.0	0.0
2014	**20**	2.4	1.8	0.0	0.0	0.0	0.0	0.2	14.2	4.4	0.0	0.0	0.0
2014	**21**	0.0	2.2	0.0	4.0	0.0	0.0	1.2	13.8	0.0	0.0	0.0	0.0
2014	**22**	0.0	11.8	1.0	0.2	0.0	0.0	2.2	0.0	8.8	0.6	0.0	0.0
2014	**23**	1.6	0.0	11.6	0.0	5.0	0.4	0.4	5.4	0.0	0.0	0.0	0.0
2014	**24**	2.8	0.0	2.2	0.0	0.0	12.8	3.6	0.0	0.0	0.0	0.0	0.0
2014	**25**	0.0	0.0	0.6		0.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0
2014	**26**	0.0	4.6	0.0			0.0	58.4	0.0	0.0	0.0	0.0	0.0
2014	**27**	16.8	0.0	0.0		0.4	0.0	0.2	0.0	0.0	0.0	0.2	14.0
2014	**28**	4.0	0.2	0.0	0.6	5.2	0.0	0.0	0.0	0.0	0.0	7.0	7.2
2014	**29**	3.6		0.0	17.4	0.2	1.6	5.0	0.0	0.0	0.0	0.0	0.0
2014	**30**	32.4		0.0	46.4	16.8	1.2	17.2	0.0	0.0	0.0	5.4	0.0
2014	**31**	20.6		0.0		0.0		0.4	20.8		0.0		0.0

ESM 23. ARPAV Botanical Garden Raw Precipitation Data (mm): 1997-2018
(Attribution should be given to this paper and to ARPAV)

		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2015	**1**	0.0	0.0	0.0	0.0	1.6	0.0	0.0	4.8	0.0	0.0	0.0	0.0
2015	**2**	0.0	0.0	1.0	0.0	0.0	0.0	0.0	4.0	0.0	13.2	0.0	0.0
2015	**3**	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0
2015	**4**	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0
2015	**5**	0.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0
2015	**6**	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0
2015	**7**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0
2015	**8**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
2015	**9**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	**10**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	**12**	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.2	0.0
2015	**13**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	0.2	0.0
2015	**14**	0.0	0.4	0.0	0.0	0.0	36.8	0.0	0.0	36.8	12.6	0.0	0.0
2015	**15**	0.0	0.0	0.0	0.0	4.4	0.2	0.0	2.2	0.0	11.4	0.2	0.0
2015	**16**	0.0	0.0	19.8	0.0	0.0	5.8	0.0	0.2	0.0	1.0	0.0	0.0
2015	**17**	0.2	0.0	0.4	2.4	0.0	0.8	0.0	0.2	0.0	0.0	0.0	0.0
2015	**18**	0.0	0.0	0.0	14.6	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0
2015	**19**	0.0	0.0	0.0	0.0	0.0	1.2	0.0	12.8	0.0	3.2	0.8	0.0
2015	**20**	0.0	0.0	0.0	0.0	0.8	0.0	0.0	7.2	0.0	0.0	0.6	0.0
2015	**21**	2.4	0.2	0.0	0.0	40.6	0.0	0.0	1.0	0.0	0.0	10.8	0.0
2015	**22**	0.8	21.0	4.8	0.0	6.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
2015	**23**	0.0	0.0	0.0	0.0	5.2	6.8		0.0	4.8	0.0	0.0	0.0
2015	**24**	0.0	0.0	0.0	0.0	0.0	6.4		4.4	4.8	0.0	0.0	0.0
2015	**25**	0.0	2.0	30.8	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	**26**	0.0	0.0	16.0	14.4	2.0	0.0	2.4	0.0	0.0	0.0	0.0	0.2
2015	**27**	0.0	0.0	2.4	17.6	2.2	0.4	4.2	0.0	0.0	0.0	0.0	0.0
2015	**28**	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.2
2015	**29**	0.0		0.0	6.2	0.0	0.0	6.4	0.0	0.0	12.4	0.0	0.0
2015	**30**	10.0		0.0	0.4	0.0	0.0	14.6	0.0	0.0	0.0	0.0	0.0
2015	**31**	0.0		0.0		0.0		0.0	0.0		0.0		0.0
2016	**1**	0.0	0.0	1.2	0.0	13.2	24.4	0.0	1.2	0.0	0.2	0.0	0.0
2016	**2**	8.4	0.0	0.0	0.0	4.4	18.0	0.4	0.0	0.0	1.0	0.0	0.0
2016	**3**	13.0	16.4	28.0	0.0	6.0	29.0	0.0	0.0	0.0	0.0	0.0	0.2
2016	**4**	1.4	0.2	0.0	0.0	0.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	**5**	2.6	0.0	12.8	0.0	3.8	1.8	0.0	1.4	0.0	5.8	26.6	0.0
2016	**6**	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.6	1.0	0.2	8.4	0.0
2016	**7**	0.0	14.0	3.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	**8**	0.0	6.4	8.0	12.2	0.0	26.8	0.0	0.0	0.0	0.2	0.0	0.0
2016	**9**	12.2	9.8	0.6	8.8	1.4	11.0	0.0	0.0	0.0	0.0	0.2	0.0
2016	**10**	0.8	3.6	0.0	0.0	0.4	0.0	0.0	11.2	0.0	0.0	0.0	0.2
2016	**11**	7.6	0.0	0.0	0.0	21.4	10.6	0.0	0.2	0.0	0.0	8.2	0.0
2016	**12**	0.0	15.6	0.0	0.0	40.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
2016	**13**	0.0	0.2	0.0	1.0	0.0	0.4	0.0	0.0	0.0	4.4	0.0	0.0
2016	**14**	1.6	16.0	0.0	0.6	19.6	19.6	0.0	0.0	0.0	80.2	0.0	0.0
2016	**15**	0.0	8.6	0.8	0.0	34.0	22.6	7.0	0.0	35.8	2.4	0.0	0.0
2016	**16**	0.0	10.6	0.0	0.0	5.2	9.6	0.0	0.0	41.0	0.0	0.0	0.0
2016	**17**	0.0	15.2	0.0	0.0	0.0	2.0	0.0	0.0	2.6	0.2	0.0	0.0
2016	**18**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.2	0.4	22.0	0.0
2016	**19**	0.0	12.4	0.0	0.0	28.0	2.4	0.0	3.4	0.0	6.2	29.4	0.0
2016	**20**	0.0	0.4	0.0	0.0	0.0	0.0	0.0	6.0	0.0	10.6	0.0	0.0
2016	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	12.2	0.0	0.8	0.0
2016	**22**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	**23**	0.0	0.0	0.0	2.8	7.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
2016	**24**	0.0	0.0	0.0	6.4	0.2	0.0	0.0	0.0	0.0	1.8	0.0	0.0
2016	**25**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.4	0.0
2016	**26**	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	22.4	0.0
2016	**27**	0.0	10.6	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	**28**	0.0	21.4	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0
2016	**29**	0.0	30.8	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	**30**	1.4		0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	**31**	0.0		0.0		3.0		0.4	0.0		0.0		0.0

ESM 23. ARPAV Botanical Garden Raw Precipitation Data (mm): 1997-2018
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		month											
year	**day**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
2017	**1**	0.0	2.0	2.0	0.0	7.4	0.0	0.6	0.0	43.6	4.2	0.0	0.2
2017	**2**	0.0	1.8	0.0	0.2	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0
2017	**3**	0.0	5.2	0.0	0.0	1.8	7.4	0.0	0.0	1.2	0.0	0.0	0.0
2017	**4**	0.0	11.8	1.2	7.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	**5**	0.0	30.6	0.4	5.2	0.2	0.0	0.0	0.0	0.0	0.0	7.8	0.0
2017	**6**	0.0	24.6	0.2	0.0	13.6	0.0	0.0	1.4	0.0	1.8	0.0	0.0
2017	**7**	0.0	0.8	0.0	0.0	0.8	0.0	0.0	0.0	5.2	0.0	27.8	0.0
2017	**8**	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	7.0
2017	**9**	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	8.2	0.0	0.2	0.4
2017	**10**	0.0	0.0	0.0	0.0	3.2	0.0	0.0	1.2	24.0	0.0	0.0	11.6
2017	**11**	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.2	6.4	0.0	0.0	7.0
2017	**12**	1.8	0.0	0.0	0.0	1.4	0.0	0.0	0.0	10.4	0.0	0.0	3.4
2017	**13**	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	0.2
2017	**14**	0.0	0.0	0.0	0.0	2.2	0.8	6.2	0.0	0.4	0.0	0.0	1.0
2017	**15**	0.0	0.0	0.0	12.2	5.6	0.0	0.0	0.0	11.2	0.0	0.0	0.0
2017	**16**	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.8	0.0	0.0	1.8
2017	**17**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0
2017	**18**	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0
2017	**19**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	13.2	0.0	0.0	0.0
2017	**20**	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	**21**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	**22**	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.4	0.0	0.0
2017	**23**	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	**24**	0.0	1.0	0.0	0.0	0.0	0.0	11.8	0.0	5.8	0.0	0.0	0.0
2017	**25**	0.0	0.0	0.0	0.0	0.2	18.2	5.8	0.0	0.0	0.0	4.8	0.0
2017	**26**	0.0	0.0	6.8	14.0	0.0	0.0	0.2	0.0	0.0	0.0	19.4	0.0
2017	**27**	0.0	0.0	0.0	24.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	12.4
2017	**28**	0.0	2.2	0.0	1.2	0.0	18.0	0.0	0.0	0.0	0.0	0.2	5.6
2017	**29**	0.0		0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	2.6	0.0
2017	**30**	0.0		0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.4	2.8	0.0
2017	**31**	4.2		0.0		0.0		0.0	0.0		0.0		0.0
2018	**1**	11.6	4.2	3.8	0.2	1.8	0.0	0.2	0.0	28.0	53.0	14.8	0.0
2018	**2**	0.0	12.6	4.6	0.0	4.8	0.0	0.0	16.8	2.8	0.8	5.4	0.0
2018	**3**	0.0	10.6	8.8	0.2	17.8	0.4	0.0	0.0	8.4	0.0	0.0	0.0
2018	**4**	0.0	0.0	0.0	6.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	**5**	0.0	0.0	8.0	4.0	0.0	2.8	1.6	0.0	0.0	0.2	15.6	0.0
2018	**6**	0.0	2.6	5.2	0.0	0.0	0.0	0.0	0.0	6.4	18.0	0.2	0.0
2018	**7**	0.2	6.2	1.4	0.0	0.2	17.0	0.0	0.0	10.0	0.0	0.6	0.4
2018	**8**	0.4	0.0	0.0	0.0	0.0	32.2	3.8	19.6	0.0	0.0	0.0	9.0
2018	**9**	8.0	0.0	0.0	0.8	0.0	0.0	0.0	1.6	0.0	0.0	0.2	0.0
2018	**10**	0.0	0.0	0.0	3.0	2.6	0.0	3.6	0.0	0.0	0.0	0.4	0.0
2018	**11**	0.0	0.0	35.6	7.0	0.0	0.0	11.8	0.6	0.0	0.0	0.2	0.0
2018	**12**	0.0	6.0	0.6	13.0	3.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0
2018	**13**	0.0	0.0	0.0	0.2	36.4	0.0	0.6	8.0	0.0	0.0	0.0	0.0
2018	**14**	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.8	0.2	0.0	0.0	0.0
2018	**15**	0.0	0.0	22.2	0.0	0.0	0.0	14.8	0.0	16.6	0.0	0.0	0.0
2018	**16**	0.6	0.0	5.0	0.8	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0
2018	**17**	0.0	0.4	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	**18**	0.0	4.8	17.2	0.0	0.2	0.0	0.0	0.0	2.8	0.0	0.0	0.0
2018	**19**	0.0	0.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0
2018	**20**	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	7.8	6.4
2018	**21**	0.0	0.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0	0.2	0.2	0.0
2018	**22**	0.0	9.8	0.0	0.0	18.8	8.4	55.8	0.0	0.0	0.0	0.8	0.0
2018	**23**	0.0	10.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	16.4	0.0
2018	**24**	0.0	2.6	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	12.0	0.0
2018	**25**	0.0	0.0	0.0	0.0	0.0	5.0	0.0	29.6	0.0	0.0	6.0	0.2
2018	**26**	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	4.0	0.0
2018	**27**	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.6	0.0
2018	**28**	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	3.0	0.0	0.2
2018	**29**	0.0		1.2	0.0	0.2	0.0	0.0	0.0	0.0	45.6	0.0	0.0
2018	**30**	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0
2018	**31**	0.2		16.4		1.4		0.0	12.4		0.2		0.0