

RAINFALL AT Patching Farm

Sussex

Observer J. Brewitt Esq. Jr.

Rain

Gauge

By

5

Diameter..... in. Height above Ground, ft..... in.

Above Mean Sea Level 180 ft.

YEAR.....										1869	MEANS.
January.....											
February.....											
March											
April.....										1.19	
May										4.47	
June.....										1.59	
July24	
August.....										.78	
September.....										4.16	
October.....										3.56	
November.....										2.53	
December.....										4.26	
TOTALS.....										.	

1869 read. 11.XII.19 Entd. x1.22

J. read at 6.30 a.m.

RAINFALL AT Patching

70

Lat.

Long.

County of Sussex

Rain Gauge, by

Observer

J. Drewitt Junr Esq

Diameter											5
Height											
Altitude											180
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	2.53	3.66 2.63 2.02	6.29	4.15	2.69	4.47	89	7.17	2.29	3.54	
February	2.57	2.67 2.74 1.18	3.12	1.45	2.33	3.19	2.39	2.44	4.52		
March	2.06	2.06 4.37	2.90	2.45	3.59	1.06	3.56	2.69	1.52	.70	
April7	.77 .75	.80	.96	1.34	1.28	2.18	2.34	2.64	2.85	
May	1.05	1.05 3.33	2.88	1.16	1.82	1.28	1.92	2.43	3.47	3.10	
June48	.48 3.80	2.22	2.51	2.05	1.87	1.69	.76	2.59	5.40	
July	1.83	1.83 2.42	2.55	2.95	1.14	3.97	1.90	2.91	.81	4.17	
August	3.05	3.05 2.95	2.13	2.87	1.92	1.49	3.53	2.88	4.22	6.13	
September	2.01	2.01 2.08	2.30	2.32	3.40	1.90	5.15	1.44	1.80	3.77	
October	5.20	5.20 5.43	5.43	4.03	5.73	6.77	1.74	3.86	4.28	1.43	
November	2.33	2.33 1.07	5.78	2.84	2.90	6.07	3.53	8.93	3.34	.68	
December	3.18	3.18 1.70	4.80	.72	3.41	1.07	8.12	2.86	1.81	.87	
TOTALS	26.43	29.33 26.48 40.82	40.82	30.08	27.44	33.56	35.40	40.56	31.21	37.16	

1869 imp - 1870 recd. Kewig Enter x 1.22

Since the figures for 1871 + 1870 were identical, the observer was asked for the figures for 1871. This he supplied & they were entered x 1.22.

RAINFALL AT Patching, Arundel

80

Lat.

Lon.

County of

Sussex 2

Rain Gauge, by

Observer J. D. Wiltshire, Esq.

Diameter	5												
Height	1.0												
Altitude	180												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.		
January50	1.75	1.63	2.70	3.09	2.01	5.36	2.87	1.26	1.05	2.222		
February	3.84	3.50	1.67	3.96	1.74	4.06	.54	.88	1.13	2.68	2.350		
March	1.02	2.96	1.05	.65	2.04	2.47	3.26	.91	3.76	1.87	2.001		
April	1.89	.63	3.09	1.52	1.40	.91	1.90	1.53	1.45	2.18	1.650		
May	2.5	1.08	1.49	2.58	.44	3.02	4.85	1.22	1.90	1.75	1.858		
June	1.66	2.45	2.00	2.7	1.21	1.40	1.26	.98	3.77	1.21	1.811		
July	3.63	1.82	3.34	2.76	2.44	.88	2.99	.80	5.78	2.83	2.724		
August91	5.48	1.58	1.02	1.30	.58	2.31	2.11	1.95	2.50	1.974		
September....	5.44	3.68	2.65	4.41	4.70	5.14	1.39	3.21	1.16	.94	3.272		
October.....	7.63	2.11	0.58	2.83	1.50	4.66	3.82	1.09	2.11	6.46	4.179		
November....	4.01	3.62	3.93	4.68	1.28	3.67	3.92	5.62	4.53	1.03	3.629		
December....	4.25	3.22	3.56	1.17	4.06	1.44	5.17	2.33	1.46	1.84	2.850		
TOTALS....	34.55	32.80	35.57	30.45	25.77	30.24	36.77	23.55	30.26	26.34	30.520		

1880. Patching Ch. 35 yards. N.E.

1881 Wall 10 ft high 20 ft N.W.

House 30ft S

RAINFALL AT Arundel Patching

Lat.

Lon.

County of

Sussex

Rain Gauge, by

Observer

Mrs Laura Coad

Diameter										5"	
Height										-10	
Altitude										130	
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									1.21	1.09	
February									1.14	2.65	
March									3.57	1.79	
April									1.43	2.12	
May									1.85	1.71	
June									3.84	1.20	
July									5.62	2.72	
August									1.88	2.62	
September.....									1.20	.87	
October									2.14	6.31	
November.....									4.38	.86	
December									1.50	1.82	
TOTALS									29.76	25.76	

1888 Patching Church 850 ft N NW
 Tree 70 ft high 23 ft NW

RAINFALL AT Arundel Patching

Lat.

Lon.

County of

W Sussex

Rain Gauge, by

Observer

Mr Joad

2w 2

Diameter	5											
Height	0 10											
Altitude	1307											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.83	2.69	.96	2.07	4.59	3.03	.90	2.73	.93	3.14	2.289	
February	1.27	.01	1.38	3.39	2.60	.09	.42	3.47	1.50	3.08	1.721	
March	1.42	2.01	.99	.32	1.44	1.89	2.86	4.61	.96	.90	1.740	
April	2.70	.76	1.42	.06	2.59	2.38	.51	2.01	1.01	2.47	1.591	
May	1.48	2.52	1.72	.36	1.22	.25	.38	1.04	2.93	1.15	1.906	
June	2.60	1.48	2.61	.82	1.76	.88	2.50	2.80	1.59	1.35	1.789	
July	3.36	2.79	2.46	4.81	5.83	3.45	1.50	.68	.53	1.57	2.704	
August	2.65	4.67	2.71	.50	2.02	3.23	1.29	2.09	1.51	.32	2.099	
September....	.77	1.09	2.69	2.99	3.47	.57	7.61	2.49	1.15	3.58	2.641	
October.....	1.33	7.13	4.58	4.80	4.48	5.34	4.81	.47	4.54	2.27	3.926	
November....	3.10	2.53	3.46	2.27	5.80	6.58	1.46	1.87	4.24	5.32	3.662	
December53	3.47	2.83	2.02	2.06	3.13	4.61	3.89	2.97	1.72	2.723	
TOTALS	23.04	31.15	27.81	24.41	37.86	30.32	28.41	28.15	23.86	26.87	28.188	

1890 Patching Church 850 ft N.N.W.
Tree top height 23 ft NW

RAINFALL AT Arundel Patching

Lat.

Lon.

County of W Sussex

Rain Gauge, by

Observer J. Drewitt Esq

Dist 2

Diameter	5										
Height	10										
Altitude	180										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.69	2.88	.81	2.09	4.81	2.97	.96	2.72	.88	3.00	2.381
February	1.50	.02	1.25	3.11	2.55	.23	.37	3.54	1.39	3.04	1.700
March	1.33	2.19	.97	.46	1.29	1.81	2.90	4.63	.87	.76	1.720
April	2.76	.77	.97	.03	2.53	2.70	.48	2.08	1.07	2.33	1.542
May	1.49	2.55	1.77	.33	1.42	.28	.37	.99	3.34	1.14	1.368
June	3.15	1.56	2.59	.79	1.88	.43	2.63	2.88	1.78	1.20	1.889
July	3.76	3.44	2.36	4.76	5.97	3.54	1.76	.73	.55	1.57	2.841
August	2.74	5.70	2.77	.55	2.05	3.48	1.35	2.87	1.65	.32	2.348
September76	1.13	2.31	2.93	3.48	.55	7.75	2.55	1.24	3.54	2.624
October	1.36	7.23	4.81	4.80	4.46	5.28	3.88	.48	4.60	2.11	3.901
November	2.81	3.29	3.38	2.24	5.86	6.31	1.47	1.77	4.33	5.26	3.672
December58	3.36	2.69	2.11	1.94	3.22	4.89	3.88	2.87	1.81	2.735
TOTALS	24.93	34.12	26.68	24.19	38.24	30.80	28.81	29.12	24.57	26.08	28.754

1891 Patching church adjoining NE
25 yards

RAINFALL AT Arundel Patching

Lat.

Lon.

County of

W. Sussex

Rain Gauge, by

Observer:

J. Brewitt Esq

Rev 2

Diameter ..	5										
Height ..	10										
Altitude ..	180										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.09	1.04	.97	3.98	4.89	1.50	6.50	1.03	1.30	1.11	2.641
February ..	5.60	1.99	1.66	1.25	3.31	.74	2.95	1.46	1.25	.31	2.052
March ..	1.05	1.87	1.82	2.31	1.07	4.41	1.54	.93	2.39	4.07	2.146
April ..	1.26	2.27	.93	2.47	1.79	2.22	1.03	4.02	2.33	1.74	2.006
May ..	.68	.82	2.54	3.03	4.44	.36	2.50	1.96	1.77	1.48	1.058
June ..	2.98	2.47	3.03	2.80	1.36	4.07	1.40	2.37	2.25	2.60	2.533
July ..	1.27	3.12	1.10	3.68	.79	.36	.58	1.01	2.93	2.62	1.746
August ..	2.61	1.57	5.17	4.24	2.91	2.69	1.10	1.20	3.12	2.34	2.695
September ..	1.02	2.10	.72	2.44	2.10	2.20	1.06	.59	1.89	3.21	1.733
October ..	2.59	3.62	2.89	7.45	2.66	1.82	4.74	5.35	1.88	8.42	4.142
November ..	3.98	.37	3.62	1.98	1.46	5.08	7.38	2.11	1.39	.96	2.833
December ..	3.53	4.55	1.64	2.41	3.06	.79	2.36	3.49	4.09	5.36	3.128
TOTALS ..	30.66	25.79	26.09	38.04	29.84	26.24	33.14	25.52	26.59	34.22	29.613

1900 Patching Church 50 yards NE
 Augmering Station 2 3/4 miles

1906 November Gauge moved 64 ft W

1908 Church 100 ft high 100 ft NE
 House 25 - 36 - S

RAINFALL AT Arundel Patching

Lat.

Lon.

County of

West Sussex

Rain Gauge, by

Observer Mrs. Good

Dw 2

Diameter ..	5										
Height ..	0 10										
Altitude ..	130 T'										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.44	1.10	1.03	4.10	4.94	1.61	6.65	1.08	1.43	1.28	2.766
February ..	5.07	2.12	1.88	1.32	3.48	.88	3.08	1.54	1.37	.36	2.110
March ..	1.12	1.92	1.82	2.80	1.19	4.71	1.69	1.07	2.43	4.14	2.289
April ..	1.34	2.29	.98	2.50	1.91	2.87	1.24	4.14	2.42	1.77	2.096
May ..	.65	.85	2.48	3.06	4.20	.38	2.49	1.93	1.83	1.57	1.944
June ..	3.00	2.36	2.93	2.65	1.28	4.00	1.37	2.50	2.21	2.70	2.500
July ..	1.24	2.94	1.09	3.71	.70	.34	.48	1.03	2.81	2.66	1.700
August ..	2.64	1.54	5.51	4.02	2.80	2.72	.88	1.27	3.15	2.48	2.701
September ..	1.13	1.96	.51	2.42	2.16	2.15	1.00	.59	.66	3.27	1.585
October ..	2.73	3.51	2.76	7.49	2.78	1.91	4.58	5.31	1.77	8.36	4.120
November ..	3.68	.42	3.33	2.00	1.70	5.17	7.47	2.20	1.45	1.04	2.846
December ..	3.48	4.52	1.72	1.99	2.97	.89	2.37	3.31	3.79	5.23	3.027
TOTALS ..	30.52	25.53	26.04	38.06	30.11	27.13	33.30	25.97	25.32	34.86	29.684

D D D D D D D D

H.W.D.

1900 Patching church 250 yards N.W. '90
850 feet N.N.W.

In 70 ft high 23 ft N.W.

1907 former Station 2 1/2 miles S.S.E.

RAINFALL at Arundel Patchway

County of Sussex

Observer J. Brewitt-Taylor

Michael Drenell Esq

River Basin. Arvor 2

old iron Howard Rain Gauge, by

funnel nested away
making aperture IV.14 { 5.04
5.06
5.04
5.06

glasses correct except OT = 014
(14.14)

Speculated { Ancient iron Howard quite worn out but not broken. good exposure in sheltered garden. Note fence 2% to big. B.IV.14

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910			Augmeny	2 1/4 m	S	Saint John the Divine	50 yds	NE

RAINFALL at Arundel Patching

County of Sussex

Observer Fred Good

C. Hack

River Basin Arun 2

old Howard Rain Gauge, by ?

Annual Average 30.3 ins based on 27 years obs. weighted. Period of average 1881 - 1915. Ref. Survey.

Diameter ...	5										
Height	0 10										
Altitude ...	130 B										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.98	1.56	3.78	5.01	.64						
February ...	4.55	1.79	3.22	1.59	3.90						
March	1.87	2.12	4.38	3.30	5.13						
April	2.29	1.91	.21	3.19	2.32						
May	2.50	1.11	1.48	2.73	.91						
June.....	2.26	1.90	3.17	1.24	1.07						
July	4.40	.37	2.01	2.43	1.62						
August.....	2.18	1.24	7.26	3.94	1.44						
September ..	.22	1.65	3.07	3.00	1.57						
October ...	3.89	4.55	3.81	5.21	2.82						
November ..	5.31	7.53	2.06	4.34	4.21						
December ...	3.50	7.28	3.80	1.98	9.41						
TOTALS ...	35.95	33.01	38.25	37.96	35.04	N.R.					

1912 Received Nov. 14. Entered 27. XI. 14.

Prefected { Old Howard, rather battered & with leaky collar which will be mended. Good exposure on lawn
C. 18. IV. 14

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910	50° 43'	...	Some	3 miles	S.E.	Patching	200 yds	N.W.

RAINFALL at Arundel Patching Farm

County of Sussex

Observer M. Drewett Esq.

River Basin Arun 2.

Howard Rain Gauge, by

Diameter ...	5"											
Height	1 0											
Altitude ...	180											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Abbas.
January ...	4.06	3.34	4.31	1.77	2.88	4.93	4.46	2.34	5.67	1.46	3.83	39.05
February ...	70	.79	3.36	5.03	.41	4.22	3.02	4.22	1.66	2.22	1.38	27.01
March	2.33	1.27	1.95	2.66	1.77	.71	.43	3.69	2.71	.12	2.01	19.65
April.....	3.11	.91	3.73	3.88	3.04	4.14	2.83	2.19	2.76	.77	2.30	29.66
May	1.49	1.81	.93	2.85	3.91	4.02	3.45	1.10	1.01	2.67	1.55	24.79
June	2.04	.05	1.79	.57	4.00	.09	4.06	3.70	2.39	2.54	1.14	22.37
July	5.89	.33	3.83	1.58	3.67	4.62	2.31	3.16	2.04	1.62	2.34	31.39
August	1.29	1.76	2.46	2.50	3.47	3.82	2.31	5.61	2.08	2.98	3.86	32.14
September...	4.25	.72	2.10	2.26	3.57	2.76	.41	6.49	.61	.84	3.16	27.17
October.....	2.39	1.37	.87	6.92	5.30	3.85	2.57	2.42	4.99	4.90	3.47	42.06
November...	1.90	2.20	1.94	1.93	2.40	3.66	8.04	3.55	4.10	9.01	5.92	46.66
December...	8.69	2.28	3.59	3.38	5.20	4.93	.33	4.76	4.09	6.10	3.41	41.76
TOTALS...	33.14	16.83	30.86	35.33	39.62	41.75	34.22	43.23	37.11	35.23	34.37	381.69

1920 Inspected 1914

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Angmering	2 3/4 mi	S	St. John	307ds	N E

RAINFALL at Patching Farm

County of Sussex

Observer Michael Drewitt, Esq.

River Basin Area 2.

Type of Gauge Hypoid M.O. from No. 1934

Annual Average 30.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.ofN.

Diameter	5										
Height	10										
Altitude	180										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.59	3.11	2.56	2.05	.88	4.47	5.96	4.11	5.90	3.23	34.85
February	2.24	.19	2.13	nil	3.97	2.85	5.47	.86	1.83	2.96	22.20
March	.87	1.33	2.49	2.47	.60	1.96	3.98	.50	1.56	4.13	19.79
April	3.21	2.39	1.04	3.41	4.03	2.09	2.38	.22	2.93	1.14	22.84
May	3.65	3.62	2.67	.44	1.63	.59	2.13	2.04	1.28	1.00	19.05
June	1.69	1.72	3.41	1.47	2.69	2.72	.96	.69	1.08	.54	16.97
July	4.28	3.42	1.49	1.31	.46	4.05	1.62	1.72	2.33	2.31	22.99
August	3.15	.63	1.23	2.76	4.17	.72	1.54	1.54	2.75	.05	18.54
September	2.05	3.12	4.17	1.75	5.12	2.34	2.09	2.37	1.20	2.13	26.43
October	.56	7.56	1.79	2.16	4.83	1.96	2.58	4.05	6.79	3.89	36.16
November	3.04	1.74	1.23	4.91	7.64	4.97	1.89	4.13	7.62	8.26	45.43
December	.90	1.13	1.25	9.29	5.27	2.04	3.85	4.00	2.20	2.66	32.59
TOTALS	28.27	29.96	25.45	32.02	44.29	30.76	34.35	26.23	31.26	32.30	317.84

I inspected 11-5-34. Flat roofed measure. High back in front of garage. Excellent exposure in sheltered garden, between farm and church - large open garden with walls all round at convenient distances.

1934. Readings from Nov 1934 are from a standance M.D. 5" gauge.

1936 Church (wall 10' high) 10 yrs E.

House - 10 yds W, 35' high

1938 Church 50' length, 60' E by N

Position of Station on reduced Ordnance Survey Map. } No. of Map..... Reference No....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1936			Osgnemng S.R.	3 m.	S.W.	Patching	40 yds	E.

Station No. 447 M.

41

RAINFALL at Patching Farm

County of Sussex

Observer Michael Dainton, Esq.

River Basin Group 2

Type of Gauge M.W.

Annual Average 50.8 in. based on 3.5 years obs. un-weighted. Period of average 1.3.31 - 1.9.35 Ref. B. of N.

File No. 348995/34

Diameter	5"		319	575								
Height	1' 0"				1							
Altitude	180'	7			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Total/13 Means	9.11 6.62
January	3.52	3.69	6.49	2.82	2.04	2.64	3.36	4.29	1.46	1.08	31.39	30.31
February	3.82	.66	1.58	.83	2.44	3.29	2.44	1.67	1.17	5.05	32.65	17.40
March	2.78	3.30	1.54	.16	1.47	1.23	7.72	1.10	1.43	1.55	21.27	19.72
April	1.26	1.12	1.26	1.81	.77	1.69	1.84	1.62	1.56	1.87	14.50	12.93
May	2.16	2.79	2.41	.56	2.25	3.18	1.39	2.30	1.66	1.32	20.02	18.70
June	1.85	.27	1.32	1.72	2.37	3.33	2.91	1.98	.92	.99	17.66	16.67
July	2.65	2.13	2.89	2.19	5.23	1.71	1.85	1.54	.30	2.98	23.47	20.49
August	4.01	4.10	1.60	1.74	2.06	5.80	.67	4.76	1.41	2.30	28.45	26.15
September	.32	2.71	1.18	2.49	1.74	3.78	1.39	2.26	1.46	4.18	21.51	17.33
October	.79	4.32	2.96	4.02	3.24	.57	.47	2.33	10.41	.71	29.82	29.11
November	3.60	2.04	2.08	5.77	.27	4.94	1.91	2.75	4.16	6.36	33.88	27.52
December	2.16	3.20	2.43	2.21	4.60	3.55	2.72	3.29	2.36	2.04	28.56	26.52
TOTALS	28.42	30.33	26.74	26.31	28.48	35.71	28.67	29.89	28.30	30.13	293.28	9.11

✓ 26.2.8.5
7.5.7

26.2.8.5
6.4.7

Position of Station on reduced Ordnance Survey Map, No. of Map.....
1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

Station No... 447 M
W.W.E. 51

RAINFALL at PATCHING FARM

County of SUSSEX

Observer MICHAEL DREWITT, Esq,

River Basin ARUN - 2

Type of Gauge. M.O.

Annual Average 30.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Box N

File No. 348995/34

Diameter ...	5"			319	575						
Height ...	1' 0"					1					
Altitude ...	180'	750'				51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.79	2.80	1.35								
February	5.93	.83	1.32								
March	4.12	3.48	.30								
April	1.99	1.71									
May	2.47	2.09									
June	2.56	1.26									
July	2.43	.89									
August	4.82	2.06									
September	3.33	3.87									
October	1.73	3.75									
November	5.33	4.15									
December	3.35	3.58									
TOTALS ...	41.85	30.47									
	D	D									

T.1953. Other numbers to column

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ 086084

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		/	/	/	/	/