

RAINFALL AT St Peters

Lat. _____

Lon. _____

County of Kent

2. St. Peter's New Gange

Rain Gauge, by _____

Observer Rev. H. C. V. Snowden

Diameter								5			
Height								0	4	0	6
Altitude								140	f		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								2.18	.66	2.68	
February								1.56	.94	1.84	
March								3.22	1.76	.92	
April								1.75	.85	2.45	
May .....								.61	3.11	2.35	
June								1.51	2.53	1.55	
July .....								.31	1.20	1.58	
August								2.91	1.39	1.11	
September....								1.74	.43	2.69	
October .....								.22	1.89	2.17	
November								1.44	2.56	1.84	
December								2.88	1.32	2.34	
TOTALS								20.63	18.64	23.52	

St Peters Church 320 yards N.W.
 Pulver 4 ft high 66 ft S.W.

RAINFALL AT St. Peters

Lat.

Lon.

County of Kent East

Sunder Rain Gauge, by Casella

Observer Rev. H.C.V. Snowden

2. St. Peters, New Gauge

Diameter ..	5										
Height ...	0 6	0 9									
Altitude ..	140										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	2.91	.36	.45	2.50	2.91	.81	2.58	.89	2.07	.72	1620
February ..	4.16	1.01	1.03	1.47	1.75	.82	1.71	1.38	1.52	1.45	1630
March ....	.99	1.70	.99	1.93	1.46	1.95	1.65	.81	2.14	3.01	1663
April .....	.61	1.11	.51	2.57	.91	2.72	.51	2.48	1.63	1.53	1458
May .....	.78	1.34	1.60	2.25	2.28	1.05	2.63	2.19	1.67	1.05	1684
June	2.86	.87	2.16	3.97	.66	3.97	1.62	1.29	1.40	2.58	2138
July	1.18	1.45	1.07	3.94	1.37	1.01	.77	1.92	3.51	3.58	1980
August	1.97	1.49	4.30	3.09	1.52	1.47	.59	1.53	2.59	2.84	2139
September ..	.50	.91	.62	1.78	1.52	2.17	2.07	.69	1.34	2.71	1431
October	1.87	1.47	1.69	4.12	2.03	1.83	1.88	5.24	1.32	7.94	2939
November ..	2.28	.97	1.99	3.35	1.44	2.39	4.58	2.16	1.49	.51	2116
December ..	2.00	3.09	2.03	1.40	2.13	.39	1.87	2.00	3.00	4.03	2194
TOTALS ..	22.11	15.77	18.44	32.37	19.98	20.58	22.46	22.58	23.68	31.95	22993

1900 St. Peters Church 320 yards W.N.W.
 Paling 4 ft high 66 ft S
 1905 Broadstairs Station 1/2 mile E
 House 30 ft high 105 ft S
 1907 New 12 ft high 22 yards S

RAINFALL at St PetensCounty of KentObserver Rev H.C.V. SmeatonRiver Basin Stour + C 2Smeaton Rain Gauge, by Casella

Diameter ...	5											
Height	0 9											
Altitude ...	140 π											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL MEANS 1910-19	
January ...	2.57	1.52	2.05	2.57	1.24	2.37	1.00	2.83	2.43	2.33	8.59	
February ...	2.79	1.04	1.28	.71	1.41	1.76	3.44	.57	.66	1.87	6.54	
March	1.29	2.12	2.74	2.04	4.51	1.26	2.50	1.85	.88	3.04	8.27	
April	2.42	1.13	.39	2.14	1.31	1.29	1.57	1.53	1.27	2.65	7.02	
May	3.21	1.17	.95	1.56	1.57	2.88	1.88	.62	1.73	.23	4.46	
June	2.94	1.70	3.21	.66	1.00	.44	1.62	1.49	1.00	.80	4.91	
July	2.38	.38	1.77	1.68	3.34	2.41	1.35	3.84	3.29	3.79	12.27	
August	2.78	.92	5.26	.62	.64	1.21	2.09	5.57	1.41	1.95	11.02	
September ..	1.14	1.95	2.87	2.50	.52	3.90	1.29	.93	4.77	.87	7.86	
October ...	1.43	5.61	3.02	3.85	3.27	2.90	4.30	3.40	2.54	1.93	12.17	
November ..	3.59	3.95	1.82	2.77	3.45	2.87	3.16	1.32	2.18	3.63	10.29	
December ...	3.39	3.44	1.99	1.58	4.30	4.76	2.50	2.03	1.74	2.67	8.94	
TOTALS ...	30.03	24.93	27.38	22.68	26.56	28.05	26.70	25.98	23.90	25.76	102.34	
	3	2	2	2	2	2	2	2	2	2		

1910 House 30ft high 105ft S.E.
 1911 Palsup 4 - - 60 - S.W.

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.23	1.26.	Broadstairs	$\frac{1}{2}$ m	ESE	St Petens	30 yds	S.W.

RAINFALL at *St. Peter's (Hildesheim House).*County of *Hert*Observer *Rev. H. C. V. Snowden* died iv. 22
*N. Hind Esq. C.E. (1922)*River Basin *Stour & C 2**Snowdon* Rain Gauge, by *Casella*

Totals

Diameter ...	5						6	5				
Height	0.9						9	0.9				
Altitude ...	140						145	145				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEANS
20.08 January ...	1.59	1.68	2.97	1.30	1.87	1.08	1.53	1.26	3.09	1.37	2.34	1.83
16.72 February ...	.58	.90	1.26	2.15	1.10	2.21	2.13	2.65	1.14	.89	1.71	1.52
13.26 March .....	.63	1.08	1.61	1.15	1.01	1.22	.32	1.70	2.18	.32	2.04	1.20
20.22 April	2.32	1.09	1.73	1.68	2.09	2.03	2.80	1.57	2.44	.92	1.55	1.84
20.15 May	1.26	.94	.51	2.55	3.10	2.08	1.25	.55	3.44	1.03	3.11	1.83
17.77 June	1.12	.22	1.78	.76	1.58	.72	3.33	3.39	2.30	1.25	1.32	1.62
22.12 July	2.40	.15	1.59	.53	2.47	2.41	1.81	5.91	.98	.73	2.84	2.01
22.57 August	2.23	1.27	2.27	1.90	1.70	1.34	2.28	3.70	1.22	1.98	2.68	2.08
25.59 September...	4.10	.67	3.54	1.59	2.85	2.90	.59	2.83	1.50	.40	4.62	2.33
29.14 October .....	.90	.85	2.65	4.42	3.52	2.31	3.72	1.33	4.13	3.70	1.61	2.65
31.07 November...	.64	1.69	.81	2.27	2.13	3.26	4.16	2.92	4.69	4.10	4.34	2.82
26.85 December...	2.56	1.17	1.70	2.03	1.53	2.24	.73	3.87	3.80	4.90	2.32	2.44
26.54 TOTALS...	20.33	11.71	22.72	22.33	24.95	23.80	24.65	31.74	31.24	21.59	30.48	24.14
	D	D	D	D	D	D	D	D	D	D	D	D

1920 Cottage 32 ft high 16 yds E. S.E.

1926 Small fruit trees about 9 ft high 4 yds N + S.

1927 Fruit trees 10' high 12' round gauge.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 22'	1° 27'	Broadsstairs	1/2 mi	E. S.E.	St. Peter's	320 yds	W. N.W.

RAINFALL at St. Peter's (Hildersham House)County of KentObserver H. Hunt Esq., C.E.River Basin Stour & c 2The Sumner (1933)Type of Gauge M.O.Annual Average 23.7 in. based on 19 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. B. & N.

679598/26.

Diameter	5											
Height	0	9										
Altitude	140			145								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL	Means
January	2.26	1.54	2.17	1.95	2.75	3.20	4.14	2.96	4.04	(2.10)	2714	
February	2.33	.64	1.35	.24	2.46	2.16	3.95	.70	.94	(1.44)	1621	
March	.36	1.41	1.63	2.61	.13	1.38	3.78	.54	1.90	2.80	1654	
April	2.57	2.29	1.13	1.65	2.74	1.74	1.93	.75	2.35	.87	1802	
May	2.46	2.92	1.48	1.88	2.09	.27	2.48	2.16	1.95	.20	1839	
June	.80	.81	2.39	.93	2.53	3.89	2.17	1.37	1.50	.13	1652	
July	4.48	3.67	1.45	2.40	.22	3.45	1.09	2.63	1.89	2.00	2328	
August	4.35	.87	.74	1.88	2.80	1.06	1.07	3.14	2.44	.36	1874	
September	1.29	2.75	5.79	1.09	3.25	3.36	2.71	2.60	2.21	1.96	2701	
October	.94	6.47	2.24	2.33	2.37	1.99	2.78	2.92	12.40	(2.85)	3732	
November	3.00	1.14	2.92	1.99	4.14	3.60	1.14	1.90	4.85	5.53	3021	
December	.63	.56	.61	4.06	2.14	1.85	5.01	2.31	1.06	(1.55)	1978	
TOTALS	25.50	25.07	23.93	23.01	27.62	27.85	32.75	23.98	34.59	(21.79)	26916	KM

1931. Just trees 10' high 12' around gauge.

1935. Sta. inspected 24/6. g. in poor condition new g. to be purchased. Seta prov. too enclosed. House 35' 57' to E, hump 4' 6' 4' to S. Tree 10' 7' 6" to NE and tree 9' 6" 8' to NW. g. set on grass walk rim 10" above ground. New gauge 3 measured brought VII/35.

1936. ~~Sta. of St. Peter's set to correct with to Peter (cancelled).~~ 1/3

1940 Jan. + Feb corr. for omissions during snow period.

Oct. + Dec. values added.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Broadstairs	1/2 m	E.	St. Peter's	3 m	W.

Broadstairs (Piermont Park) Station No. 306.m.
RAINFALL at St Peter's (Hildersham House)

41

County of Kent Observer The SurveyorRiver Basin Stour R. & 2Type of Gauge N.E. HowardAnnual Average 23.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. B.G.N.File No. 679598/21

Diameter	5"	5"		301	205						
Height	0' 9"	1' 9"			1						
Altitude	145'	127'			41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL Means
January	2.37	2.31	4.02	1.26	2.45	1.01	1.46	2.77	1.19	1.56	20.40
February	1.44	1.73	1.16	1.53	1.25	1.89	1.88	.98	.84	2.82	15.52
March	1.65	1.93	.43	.25	.76	2.01	4.34	.81	.75	.48	13.41
April	1.24	(.60)	1.38	1.84	1.19	1.31	1.03	1.15	1.54	1.68	12.96
May	1.09	2.59	1.73	.41	2.01	1.96	1.38	1.72	1.97	1.85	16.71
June	.41	.31	1.08	1.42	.61	2.27	2.58	2.89	.61	1.40	13.58
July	2.98	3.01	2.10	2.32	1.64	2.33	2.38	1.60	.88	2.94	22.78
August	4.23	1.30	1.61	1.41	2.16	5.37	.38	3.01	1.04	2.31	22.82
September	.25	2.29	1.19	3.51	.88	1.95	1.06	2.17	2.51	2.03	17.84
October	2.04	3.15	1.27	5.24	1.10	1.18	.40	1.08	6.46	.71	22.63
November	2.41	2.56	2.92	3.93	2.16	3.37	1.42	2.04	3.49	5.56	29.86
December	1.08	2.79	1.67	1.49	2.85	2.61	3.52	1.70	1.76	1.95	21.42
TOTALS	21.19	24.57	20.56	24.61	19.06	27.26	21.83	21.92	23.04	25.29	229.33
	D	D	D	D	D	D	D	D	D	D	

1942 Apr. est'd. p. nearby obs. (gauge stolen 29/5)

11/5/42 move of Station to Broadstairs (Piermont Park) 1300 yds. S.E.

1948. Inspected 30 June. - Howard gauge set in southernmost vessel in Nursery Garden.

Site rather sheltered by trees to E. V.S. up to 40 ft. high & only 40 ft. distant.

A greenhouse 10 ft. high to ridge is 10-15 ft. distant to the west.

No better site available (which would not be subject to interference).

Observations are by assistant gardeners. H. Barber.

204.04

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1943			Broadstairs (S.R.)	300 yds.	N.W.	Holy Trinity (Broadstairs)	600 yds.	N.E.

BRITISH RAINFALL ORGANIZATION

RAINFALL at BROADSTAIRS (PIERREMONT PARK)

51

County of KENTObserver THE SURVEYORRiver Basin STOUR & C 2Type of Gauge HOWARDAnnual Average 23.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref DoF.N.24.75 " " 35 " " 1916-1950File No 879598/26 P

Diameter ...	5"				21	203					
Height ...	1' 9"					1					
Altitude ...	127'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.24	1.87									
February ...	4.40	1.57									
March ...	2.78	2.68									
April ...	1.61	.61									
May ...	1.71	1.09									
June ...	1.79	2.12									
July ...	1.25	#									
August ...	3.35										
September ...	4.11										
October ...	1.58										
November ...	3.08										
December ...	2.06										
TOTALS ...	29.96	1.95									
	2	1.95									

T. July 1952. Clarke 2m at upwind 306/2

1954 - Station re-installed

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 7069 394617

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

Summary of Earlier Records from 10-year Sheets :

Medhurst House1916-1950 P- accepted9m near lakenow moved to 6m near 1912

Record D, of d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓