

RAINFALL AT St Peters

Lat. _____ Len. _____ County of Kent _____

2-Stone Newgange Rain Gauge, by _____ Observer Rev H.C.V. Broadbent

Diameter										5	
Height										0 4 0 6	
Altitude										140 ft	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										2.18	.66 2.68
February										1.86	.94 1.84
March										3.22	1.76 .92
April										1.75	.85 2.45
May61	3.11 2.35
June										1.51	2.53 1.55
July31	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 NW
 Rising: 4 ft high 66 ft SW

RAINFALL AT St Peters

Lat.

Lon.

County of Kent East

Snowden Rain Gauge, by Casella

Observer Rev. H.C.V. Snowden

2. Stew &c.,

New Gauge

Diameter ..	5											
Height ..	0 6	0 · 9										
Altitude ..	140 ft											
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.91	.36	.45	2.50	2.91	.81	2.58	.89	2.07	.72	1.620	
February ..	4.16	1.01	1.03	1.47	1.75	.82	1.71	1.38	1.52	1.45	1.630	
March ..	.99	1.70	.99	1.93	1.46	1.95	1.65	.81	2.14	3.01	1.663	
April ..	.61	1.11	.51	2.57	.91	2.72	.51	2.48	1.63	1.53	1.458	
May ..	.78	1.34	1.60	2.25	2.28	1.05	2.63	2.19	1.67	1.05	1.684	
June ..	2.86	.87	2.16	3.97	.66	3.97	1.62	1.29	1.40	2.58	2.138	
July ..	1.18	1.45	1.07	3.94	1.37	1.01	.77	1.92	3.51	3.58	1.980	
August ..	1.97	1.49	4.30	3.09	1.52	1.47	.59	1.53	2.59	2.84	2.139	
September ..	.50	.91	.62	1.78	1.52	2.17	2.07	.69	1.34	2.71	1.431	
October ..	1.87	1.47	1.69	4.12	2.03	1.83	1.88	5.24	1.32	7.94	2.939	
November ..	2.28	.97	1.99	3.35	1.44	2.39	4.58	2.16	1.49	.51	2.116	
December ..	2.00	3.09	2.03	1.40	2.13	.39	1.87	2.00	3.00	4.03	2.194	
TOTALS ..	22.11	15.77	18.44	32.37	19.98	20.58	22.46	22.58	23.68	31.95	22.992	

D D D D D D

H.A.S.

1900 St Peters church 320 yards W.N.W.

Palings 4 ft high 66 ft S

1905 Broadstairs Station 1/2 mile E

House 30 ft high 105 ft S

1907 Trees 12 ft high 22 yards S

RAINFALL at St Peters

County of Kent

Observer Rev H. C. V. Snoddon

River Basin Stour & C 2

Snoddon Rain Gauge, by Cawella

Diameter ...	5												
Height	0.9												
Altitude ...	140 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919			TOTAL
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	3.81	1.17	.95	1.56	1.57	2.98	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	.35	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	3	3	3	3	3	3	3	3	3			

1910 House 30ft high 105 ft S.E.

1911 Palings 4 - " 60 " 55 "

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.23	1.26.	Shoreham	½ m	ESE	St Peters	33 jols	5 N.W.

RAINFALL at St. Peter's (Hillesham House).

County of Kent -

Observer Rev. H. G. V. Snowdon died 11.22

River Basin Stour & C 2

H. Hunt Esq. CE (1922)

Snowdon Rain Gauge, by Lascelles

Fruitless

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	MEAN
January ...	1.59	1.63	2.97	1.30	1.87	1.08	1.53	1.26	3.09	1.37	2.34
February ...	5.8	90	1.26	2.15	1.10	2.21	2.13	2.65	1.14	.89	1.71
March	63	1.08	1.61	1.15	1.01	1.22	.32	1.70	2.18	.32	2.04
April.....	2.32	1.09	1.73	1.68	2.09	2.03	2.80	1.57	2.44	.92	1.55
May	1.26	.94	.51	2.55	3.10	2.08	1.25	.55	3.44	1.03	3.11
June	1.12	.22	1.98	76	1.58	.72	3.33	3.39	2.30	1.25	1.32
July	2.40	.15	1.89	.53	2.47	2.41	1.81	5.91	.98	.73	2.84
August	2.23	1.27	2.27	190	1.70	1.34	2.28	3.70	1.22	1.98	2.68
September...	4.10	.67	3.54	1.59	2.85	2.90	.59	2.83	1.50	.40	4.62
October.....	.90	.85	2.65	4.42	3.52	2.31	3.72	1.33	4.13	3.70	1.61
November...	.64	1.69	.81	2.27	2.13	3.26	4.16	2.92	4.69	4.10	4.34
December...	2.56	1.17	1.70	2.03	1.53	2.24	.73	3.87	3.80	4.90	2.32
TOTALS...	20.33	11.71	22.72	22.33	24.95	23.80	24.65	31.74	31.24	21.59	30.48
	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. N.

1927 Fruittrees 10 ft high 10' round gauge.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.	
Date	Lat. N.	Long. E.	Railway Station	Distance from gauge	Parish Church	Distance from gauge
1920	51° 22'	1° 27'	Broadstairs	1/2 mi E. S.E.	St. Peter's	300 yds E.

RAINFALL at St. Peter's (Hildersham House).

County of Kent.

Observer H. Hunt, Esq., C.E.

River Basin Stour &c. 2.

The Surveyor (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 of N.

679598/26

Diameter	5											
Height	0.9											
Altitude	140											
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	2.94	4.04	(2.10)	2714	
February	2.33	1.64	1.35	1.24	2.46	2.16	3.95	1.70	1.94	(1.44)	1621	
March	1.36	1.41	1.63	2.61	1.13	1.38	3.78	1.54	1.90	2.80	1654	
April	2.57	2.29	1.13	1.65	2.74	1.74	1.93	1.75	2.35	1.87	1802	
May	2.46	2.92	1.48	1.88	2.09	2.7	2.48	2.16	1.95	2.20	1839	
June	1.80	1.81	2.39	1.93	2.63	3.89	2.17	1.57	1.50	1.13	1652	
July	4.48	3.67	1.45	2.40	2.22	3.45	1.09	2.63	1.89	2.00	2328	
August	4.35	1.87	1.74	1.88	2.80	1.06	1.07	3.14	2.44	1.36	1874	
September	1.29	2.75	5.79	1.09	3.25	3.36	2.71	2.60	2.21	1.96	2701	
October	1.97	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	1.63	.56	1.61	4.06	2.14	1.85	5.01	2.31	1.06	(1.55)	1948	
TOTALS	25.50	26.07	23.90	25.01	27.62	27.85	32.75	23.98	34.59	(21.70)	26916	KM

1931. First tree 10' high 12' around gauge.

1935. Sln. inspected 24/6. g. in poor condition new g. to be purchased. Sets poor, too enclosed. House 35°, 57° E, pupins 4°6', 4°15'. Tree 10', 7°6" to NE and tree 9°6", 8° to NW. G. set on grass bank. min 10" above ground. New gauge & measured along WU/35°.

1936. Note of St. Peter's added to record book 50/100 (cancelled). 11

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	Parish Church.	Distance from gauge	Direction
1931.			Broads Lanes	1/2 m	E.	St. Peter	3 m	W.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Broadcasts (Hilversum Park) Station No. 206.m.

RAINFALL at St Peter's (Hilversum-Hoyse)

41

County of Kent.....

Observer The Surveyor.....

River Basin Slopes S.C. 2.....

Type of Gauge D.A.C. Howard.....

Annual Average 23.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. B.G.N.

File No. b79598/2b

Diameter	5"	5"	301	205						TOTAL	Means
Height	0' 9"	1' 9"		1							
Altitude	145'	127'		41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	
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	1.43	2.25	1.76	2.01	4.34	.81	.75	1.48	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	22.48
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	1.46	.71	22.63
November	2.41	2.56	2.92	3.93	2.16	3.37	1.42	2.04	3.49	5.56	39.86
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

1942 April est'd. d. f. nearby sens. (gauge position 29/3)

10/5/42 move of station to Broadcasts (Hilversum PK) 1300 yds. S.E.

1948. Inspected 8th June. - Howard gauge set in earthenware vessel in Nursery Garden Site rather sheltered (height E. 15 ft. up to 40 ft. high & only 40 ft. distant). A greenhouse 10 ft. high & 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. Carter.

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	Parish Church.	Distance from gauge
1943			Broadcasts (S.R.)	303yds.	N.W.	Holy Trinity (Broadcasts)	60yds. N.E.

Station No. 306 M

RAINFALL at BROADSTAIRS (Piermont Park)

County of KENT

Observer THE SURVEYOR

River Basin STOUR &c 2

Type of Gauge HOWARD

Annual Average 23.7 in. based on 19 years obs. un-weighted. Period of average 1881 - 1915 Ref. DofN.
 24.75 " 35 " 1916 - 1950 P
 File No. 879598/26

Diameter	5"				31	205					
Height	19"					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	X									
August	3.35										
September	4.11										
October	1.58										
November	3.08										
December	2.06										
TOTALS	29.96	1.15									
	D	NP									

T. July 1952. Clarke 2m st up nearly me 306/2

1954 - Station re-instated

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference TQ 334 617

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 : Middleham House
gas near the road round to 6 P.M. until 1942
1916-1950 P- accepted

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