

364 80

RAINFALL AT *Tunbridge, Penshurst Place*

Lat.

Lon.

County of *Kent*

Rain Gauge, by

Observer *The Hon H. Sidney*

at Medway.

Diameter							5				
Height							11				
Altitude							115				
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January							3.00	2.60	.61	.47	
February							1.65	.35	.48	2.81	
March							1.13	1.68	4.20	2.26	
April .....							.96	2.08	2.00	2.56	
May							3.57	1.84	1.19	2.10	
June .....							.68	.84	2.42	1.32	
July							1.51	.62	3.67	2.37	
August							1.37	2.49	3.25	2.31	
September....							1.52	2.83	1.11	1.15	
October							2.46	1.85	1.75	6.37	
November....							3.94	3.18	4.58	1.40	
December....							5.94	2.16	2.13	1.98	
TOTALS							27.73	22.52	27.39	27.10	

Penshurst Church ¹⁵⁰ ^E *130 yards SW.*

Garden wall 12ft high 60 ft W.

¹⁵

⁵⁰

1886

RAINFALL AT Tunbridge Penshurst Place

Lat. _____ Lon. _____ County of Kent

Rain Gauge, by _____ Observer The Hon H. Sidney
4 - secondary T. F. Lodge

Diameter	5										
Height	10		11								
Altitude	115										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.94	2.97	.69	1.97	4.19	2.13	.84		.43	3.41	
February	1.45	.03	1.68	4.08	1.42	.64	.26		1.48	2.84	
March	2.50	1.98	1.66	.33	1.77	1.71	2.89		1.60	1.05	
April	1.58	.34	1.40	.00	2.16	1.66	.57		.89	2.65	
May	1.35	2.62	1.25	.84	1.50	.00	.41		3.78	1.56	
June	2.86	2.17	3.21	.94	2.25	.56	4.58		1.45	.55	
July	4.59	3.39	1.24	3.47	4.21	2.58	.68		.52	2.37	
August	3.02	4.12	3.29	.56	2.07	2.00	2.78		1.08	1.32	
September....	1.05	1.25	1.68	2.46	2.73	.28	6.13		.53	2.53	
October	1.28	8.33	5.26	2.48	4.38	2.58	4.01		3.11	2.27	
November....	4.04	2.57	3.08	2.24	4.97	5.97	1.34		2.58	5.29	
December	1.26	4.39	1.84	2.65	1.37	3.42	3.84		2.68	1.56	
TOTALS ...	27.92	34.16	26.28	22.02	33.02	23.53	28.83	Not Recorded	20.13	27.40	

1890 Penshurst Church ²⁵⁰ yards S W
 Wall 15 ft high 30 ft W

RAINFALL AT *Tunbridge Penhurst Place*

Lat. Lon. County of *Kent West*
 Rain Gauge, by Observer *Mr. F. Bridger*
L. Medway. *R. Hon Lord de Lisle*

Diameter ..	5											
Height	10					16						
Altitude ..	...					150?						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.30	1.06	.34	2.14	4.74	1.37	4.61	1.73	.35	1.73		
February ..	5.80	1.76	1.71	1.63	3.72	.83	2.61	1.86	1.47	.65		
March	1.14	2.54	1.77	3.14	1.80	3.87	1.72	1.16	3.32	4.46		
April .....	.82	2.26	.78	2.18	1.22	2.22	1.44	3.21	2.69	2.01		
May	1.14	.54	2.88	1.83	2.41	1.45	1.80	2.27	2.19	1.95		
June	2.57	.88	3.49	5.04	1.49	3.99	1.81	2.05	2.03	3.38		
July	1.51	1.43	1.82	4.82	1.02	.32	.88	2.07	3.75	3.30		
August	2.60	1.62	3.27	3.60	.83	2.71	.56	2.66	5.93	2.74		
September ..	1.09	1.16	1.21	2.71	2.28	2.26	1.52	.82	2.70	3.61		
October	2.28	2.72	2.13	6.28	1.46	1.56	5.23	4.50	2.69	6.94		
November ..	3.19	.87	1.78	2.64	1.64	4.74	6.23	2.72	1.42	1.29		
December ..	3.39	4.23	1.81	2.39	3.19	.52	2.42	3.61	3.56	5.19		
TOTALS ..	28.83	21.07	22.99	38.40	25.80	25.84	30.83	28.66	...	37.25		

- 1902 *Penhurst Church* 300 yards S.W.
 Wall 12 ft high 60 ft W
 Tree 15 - 30 - N
- 1905 *Penhurst Station* 2 miles N.W.
 Avenue of lime trees 100 ft high 50 yards N
- 1908 *Jay* bad Not printed
- 1909 *Buildings* 40 ft high 50 yards W

RAINFALL at Tonbridge Penshurst PlaceCounty of KentObserver Lord De L'Isle7 BridgesRiver Basin Medway 4Howards Rain Gauge, by

Diameter ...	5										
Height	1 3	1 6				1 0			1 0	1 6	
Altitude ...	150 π					120			115	100	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.27	1.55	3.02	5.11		4.37	1.83		3.59	5.12	
February ...	4.49	1.80	2.52	1.14		4.21	5.57		1.15	2.14	
March	1.67	3.02	5.29	3.63		66	4.60		1.01	4.22	
April	2.31	2.63	.13	3.24		1.44	1.85		3.68	3.51	
May	3.05	1.21	1.21	1.61		4.65	2.59		1.76	.19	
June	2.27	2.41	3.41	.31		.65	2.55		.91	1.37	
July	2.52	.36	1.51	3.04		4.26	1.17		5.21	2.32	
August	2.64	.85	6.87	1.23		2.40	3.51		1.06	3.19	
September ..	.61	1.74	3.71	1.25		2.49	1.34		5.64	1.25	
October ...	3.31	5.71	4.06	6.14		2.52	4.87		1.98	.98	
November ...	4.50	6.94	2.59	3.67		2.90	5.54		2.73	2.58	
December ...	4.33	7.68	3.81	1.50		8.08	4.07		2.65	4.84	
TOTALS ...	34.99	35.90	38.13	31.87	N.R.	38.63	39.49	NR	31.37	31.71	

1910 Wall 12 ft high 10 yds SW
 1912 Building 25. " 20. " W
 1915 Holprinter Org-
 1919 Greenhouse 15 ft - 8 yds N.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Penshurst	2 9 Miles	NW	Penshurst	350 yds 200 yds	SW

RAINFALL at Penshurst PlaceCounty of KentObserver Lord de Lisle & Dudley
per S. Stacey.River Basin Medway &Glaisher Rain Gauge, by

Diameter ...		5									
Height		1	6	1	0		1	6	1	0	
Altitude ...		120	100				120				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...		2.75	4.09	1.54	2.64	3.10	3.24	3.23	4.22	1.86	4.30
February ...		1.24	2.65	4.08	1.12	4.26	2.77	4.63	2.06	.65	1.27
March		2.30	2.62	2.41	1.87	.84	.45	4.46	2.14	.05	1.07
April		1.31	3.46	2.92	2.72	2.38	4.04	1.91	2.07	.88	1.43
May		1.62	1.62	3.10	3.50	2.73	1.02	.93	1.40	2.40	2.78
June .....		.03	1.69	.59	2.93	.21	4.13	4.33	2.70	1.46	.89
July .....		.59	2.72	1.89	3.17	3.79	1.53	3.45	1.85	1.54	2.23
August		2.38	3.33	1.62	2.58	1.71	1.42	5.90	4.42	2.92	3.37
September...		.74	2.52	2.14	3.33	1.69	.82	3.80	.61	.35	3.59
October		1.15	1.70	7.34	2.83	3.43	2.70	2.02	5.77	4.12	1.60
November...		1.91	2.05	2.68	3.63	3.23	7.11	3.22	3.70	8.66	5.93
December...		2.02	4.76	2.97	4.48	3.69	.73	5.30	4.24	8.55	2.97
TOTALS...		18.04	33.21	33.28	34.90	31.06	29.99	43.23	35.18	52.84	31.43
		D	D	D	D	D	D	D	D	D	D

1921. Green House 10 ft high 8 yds N.

1925. Green House 12 ft - 12 yds N.

.. Wall 12 ft high 12 yds. W.

1926 .. 10 .. 30 ft S.W.

1930. " 13 .. 30 .. S.W.

Tree 8 ft - 24 " E.W.

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	Parish Church.	Distance from gauge	Direction
1921			Penshurst	1 1/2 mi	N.N.W.	Penshurst	200 150 yds	S

RAINFALL at Penshurst PlaceCounty of KentThe R. Hon. Lord De L'Isle and Dudley
Observer W. L. De L'Isle and DudleyRiver Basin Medway 4Type of Gauge Glaisher M.O. 8/36Annual Average in. based on years obs. un-weighted. Period of average Ref.

697987/26

Diameter	5										
Height	1 6		1 6								
Altitude	120										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.43	3.77	1.96	3.22	1.22	5.94	6.28	3.39	4.78	2.50	354.9
February	2.77	5.7	2.67	2.1	5.29	2.22	4.77	.88	1.46	2.21	230.5
March	.35	1.85	3.95	3.34	.46	1.27	4.36	.52	1.29	2.92	203.1
April	4.07	2.56	.74	3.01	3.80	2.51	2.63	.45	2.21	1.74	237.2
May	2.75	3.08	2.59	.89	2.13	.31	2.51	2.58	1.34	1.98	201.6
June	1.61	1.17	1.78	2.07	2.68	3.39	2.11	.74	1.00	.14	166.9
July	2.31	2.62	1.61	1.97	1.06	3.52	2.02	1.57	2.18	3.76	226.2
August	4.99	.79	1.01	1.61	5.03	2.10	2.30	1.54	2.27	.08	217.2
September	2.39	2.44	3.97	1.68	5.53	2.32	2.23	2.17	.84	1.24	243.1
October	.62	6.75	2.17	2.37	4.62	2.06	3.20	3.32	1.43	3.66	362.0
November	5.02	1.40	1.17	3.63	7.44	5.25	1.40	3.27	5.41	7.46	414.5
December	.55	.75	.65	7.01	4.16	3.36	3.97	3.23	1.51	1.63	268.2
TOTALS	29.86	27.75	24.27	31.01	43.42	34.25	37.78	23.66	31.72	29.32	3130.4
	D.	D.	D.	D.	np. Wg	D	D	D	D	D	KH

1931. Wall 13' high 30' S.W. Tree 14' high 24' E.N.E.

16. S.36. Records commenced from S' M.O. gauge, on a site 25 yds N. of old site.

1936 greenhouse 14' high, 12 yds N: Wall 12' high, 10 yds W.

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.			Penshurst.	1/2 m	N.N.W.	Penshurst	300 yds	S.W.

RAINFALL at Penshurst Place

41

County of KentObserver The Rt. Hon. Lord De La Warr & Dudley, V.C.River Basin Medway & A.Type of Gauge M.C.

Annual Average in. based on years obs. un-weighted. Period of average Ref

File No. 697987/26

Diameter	5"				294	415						
Height	1' 6"					1						
Altitude	120'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.77	2.68	5.36	1.98	2.09	2.35	¹⁰⁰ 2.70	4.73	1.02	1.24	26.92	
February	3.17	.73	1.84	1.05	1.86	2.94	¹⁰⁰ 4.80	1.82	1.43	6.03	22.67	
March	2.80	2.57	.33	.06	1.53	1.57	¹⁰⁰ 1.60	.99	.89	1.19	14.93	
April	1.62	1.57	1.19	1.56	1.31	2.56	¹⁰⁰ 2.80	1.60	1.42	2.79	17.62	
May	1.97	3.56	3.24	.43	2.91	2.25	¹⁰⁰ 1.60	2.00	1.30	1.45	20.71	
June	1.74	.13	1.39	1.15	1.48	2.48	¹⁰⁰ 2.20	3.18	.65	1.37	15.77	
July	2.06	2.22	2.62	2.06	6.11	1.67	¹⁰⁰ 4.60	1.27	.35	1.53	21.49	
August	3.93	2.44	1.58	2.88	1.94	4.90	¹⁰⁰ 7.3	4.67	1.28	1.39	25.16	
September	.60	2.12	1.91	2.72	1.67	3.14	¹⁰⁰ 4.6	1.62	.90	2.93	19.21	
October	1.17	2.56	2.93	4.63	3.30	1.30	¹⁰⁰ 3.70	1.77	7.54	.16	26.12	
November	3.53	1.56	1.75	4.95	.28	4.85	¹⁰⁰ 1.00	1.64	3.41	6.42	29.39	
December	2.09	3.10	2.46	2.53	3.90	2.83	¹⁰⁰ 2.80	4.53	1.39	2.09	27.52	
TOTALS	27.45	25.24	26.60	26.06	28.38	32.84	¹⁰⁰ 32.80	29.82	21.58	28.59	270.51	mm

1941. Wall 13' high 12 yds WSW. Greenhouse 14' high 14 yds NNW.

1942. " 10' " 10' S.W. " 12' " 12' N.

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.
1941			Penshurst	1 1/2 miles	NNW.	Penshurst	300 yds	SSW.

RAINFALL at PENSHURST PLACE

51

County of KENTObserver THE RT. HON. LORD DE L'ISLE & DUDLEY, Y.C.River Basin MEDWAY - 4Cricket Ground at P. Place, V.C.Type of Gauge M.O.Annual Average 28.89 in. based on 19 years obs. un-weighted. Period of average 1910-50 Ref. 697987/26

File No.

Diameter	5"				394	415					
Height	1' 6"					1			1' 4"		
Altitude	120'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.10	2.51	.99	1.26	3.87	5.08	2.23	3.19	2.66	3.44	28.33
February	7.13	.89	1.23	2.04	2.05	.78	4.59	2.17	.07	2.56	23.48
March	3.83	3.19	.29	2.98	1.31	.89	.97	1.61	1.76	1.90	18.93
April	2.51	1.71	2.57	.39	.23	1.34	.12	1.36	2.69	0.73	13.65
May	1.85	1.26	1.20	2.91	4.68	.35	1.65	1.90	1.05	1.84	18.59
June	1.96	1.22	1.58	2.85	2.78	2.50	1.45	5.01	.97	1.94	22.26
July	2.46	.76	2.77	2.72	1.89	2.66	3.85	1.11	1.33	3.49	23.04
August	5.13	3.85	1.85	2.86	.65	2.53	2.29	4.01	.84	4.35	28.36
September	3.84	3.00	3.87	2.38	2.76	2.79	2.95	4.34	.12	2.43	28.48
October	1.26	2.78	3.68	2.38	5.10	1.10	1.21	2.98	3.35	7.34	31.18
November	5.86	4.30	1.57	5.71	.98	.84	3.59	1.69	3.63	5.72	33.89
December	2.95	3.04	.84	2.06	2.83	3.85	2.34	4.34	6.63	3.82	32.10
TOTALS	41.88	28.51	22.44	30.54	29.13	24.71	27.14	33.71	24.67	39.56	307.29
	D	D	D	D	D	D	D	D	D	D	

1951. Ground was 14' 12" as NW, Wall 12' 11" as SW.
 Feb. III 1959 J.B.O.K. Tree 55', 90' W. Tree NW-N off 90', 110' away. Better site selected
 5/1/60 gauge moved 126' S. Hedge (7') 30' S. Shurshine (11') 136' WNW. Hedge (7')
 66' SSE. Wall (12') 108' WSW.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference TR 538400

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance	Direction
			Penshurst	1 1/2 m	NNW	Penshurst	300 yd	S.W.

Summary of Earlier Records from 10-year Sheets :

Record	1910-19	1920-30	1931-40	1941-50	1951-60
D, or d	✓ NR 14, 17	✓ NR 20	✓ NP 35	✓ NR 47	✓