

RAINFALL AT *Tunbridge Wells Pembury*

Lat.

Lon.

County of *Kent*

Rain Gauge, by

Observer *N. Brentnall Esq*

335
70

W. Medway.

Diameter....											
Height							8				
Altitude							1.8				
							181				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							55	6.76	95	2.65	
February....							2.49	2.04	1.74	4.88	
March.....							2.37	2.25	1.90	.72	
April							2.61	2.93	4.89	3.35	
May							1.09	2.04	4.04	3.21	
June							1.55	.81	1.78	3.35	
July.....							64	2.38	.57	3.07	
August							2.78	2.82	3.95	3.83	
September ..							4.02	.97	1.22	2.82	
October							1.01	4.08	3.72	.61	
November ..							2.68	7.48	3.64	1.23	
December ..							8.04	2.67	1.85	.81	
TOTALS ..							29.83	37.23	30.25	30.53	

RAINFALL AT *Pembury, Tunbridge Wells*

Lat. _____

Lon. _____

County of *Kent*

Rain Gauge, by _____

Observer *W. Brethall Esq. C.E.**W. Medway.*

Diameter	8											
Height	1.8											
Altitude	187 ∇											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.18	1.30	1.65	2.39	2.92	2.72	4.16	2.26	.65	.94	1.916	
February	3.33	2.75	1.76	4.25	1.62	3.29	.38	.66	1.43	2.04	2.151	
March .....	.68	2.17	1.26	.80	1.93	1.69	1.56	1.68	3.70	2.13	1.760	
April	1.44	.64	3.31	1.46	1.15	2.07	1.49	1.57	1.82	2.80	1.775	
May .....	.06	1.13	1.02	2.23	.63	3.45	2.98	2.00	.95	1.23	1.568	
June	2.81	1.86	2.21	1.80	1.46	.82	.35	.80	2.94	2.01	1.706	
July	2.60	.75	3.03	2.47	1.65	.13	2.09	.92	4.04	3.03	2.071	
August .....	.73	3.56	2.15	.55	.85	.76	1.89	1.84	2.02	2.01	1.636	
September....	3.68	2.31	3.08	3.37	3.94	4.21	1.43	3.13	.98	1.55	2.768	
October	8.41	2.95	6.19	2.53	1.28	3.76	3.07	1.70	1.70	6.27	3.826	
November	3.14	4.17	3.47	4.32	1.06	3.27	3.41	5.30	4.58	1.15	3.387	
December	3.75	3.41	2.78	1.08	2.74	1.17	5.56	2.21	1.72	1.63	2.605	
TOTALS	30.81	27.00	31.91	27.65	21.23	27.34	28.36	24.07	26.53	26.79	27.169	

1880. St Peter's Church, 500 yds off. N.

RAINFALL AT *Tunbridge Wells Pembury*

Lat. $50^{\circ} 9' 30''$ N

Lon. $0^{\circ} 19' 36''$ E

County of

Kent

Rain Gauge, by

Observer

W. Brentnall Esq. C.E.

W. Medway.

J. E. W. Mellor Esq. C.E.

Diameter	8											
Height	1 8											
Altitude	181 $\overline{\text{ft}}$											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.12	2.17	.61	2.26	3.63	2.14	.62	2.09	.48	2.98	2.010	
February	1.22	.03	1.39	3.61	1.50	.38	.26	2.27	1.23	2.53	1.442	
March	2.71	2.40	1.62	.50	1.20	1.41	2.48	4.31	1.78	.79	1.920	
April	2.45	.31	1.36	.06	2.18	1.81	.53	1.88	.89	2.33	1.380	
May	1.49	3.15	.91	.39	1.23	.05	.27	1.21	3.47	1.47	1.364	
June	2.31	2.01	2.44	.95	2.18	.30	3.86	1.60	1.52	1.13	1.880	
July	3.00	3.25	1.90	2.72	3.85	3.20	.63	.49	.44	1.13	2.061	
August	2.81	3.31	2.63	.57	2.01	1.49	1.84	2.84	1.37	.67	1.954	
September ...	.85	.81	2.03	3.27	3.05	.54	6.45	2.77	.51	2.42	2.270	
October	1.06	7.87	5.60	3.81	4.56	2.48	3.94	.18	3.01	1.93	3.444	
November ...	3.25	2.32	2.81	2.17	5.05	4.97	1.24	1.23	3.07	4.07	3.018	
December ....	.37	3.29	1.85	2.59	1.73	3.97	3.98	3.59	2.34	1.66	2.537	
TOTALS . . .	24.64	30.92	25.15	22.90	32.17	22.74	26.10	24.46	20.11	23.11	25.230	

RAINFALL AT

Tunbridge Wells Pembury

Lat. 50° 9' 30" N.

Lon. 0° 19' 36" E.

County of Kent West

Rain Gauge, by

Observer W. H. Maxwell Esq. C.E.

4 - midday.

Diameter ..	8										
Height	1 8										
Altitude ..	181 ft						196				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.32	1.08	1.11	2.59	4.87	1.13	4.06	1.15	1.44	.90	2.165
February ..	6.06	1.84	1.41	1.65	3.29	.94	2.16	1.53	.93	.57	2.038
March	1.06	1.88	1.50	2.79	1.58	3.56	1.73	.89	2.69	3.64	2.131
April	1.01	2.04	.65	1.98	.87	2.63	1.47	2.98	2.12	1.42	1.717
May	1.12	.99	2.14	1.79	2.11	1.73	2.01	2.26	1.48	1.60	1.723
June	2.79	1.38	2.12	5.51	1.04	4.12	2.18	1.75	2.05	2.82	2.579
July	1.66	1.01	2.56	4.64	.97	.52	.74	1.16	3.10	3.03	1.939
August	2.20	1.85	2.77	3.98	1.38	2.20	.71	2.02	4.31	2.24	2.366
September ..	.84	.75	.57	2.19	1.33	1.68	1.31	.48	1.93	3.18	1.426
October	2.00	2.08	2.18	6.96	2.05	1.64	3.98	4.61	1.82	5.97	3.329
November ..	3.24	.63	2.35	2.24	1.50	4.42	5.97	2.15	.96	.96	2.442
December ..	3.24	4.53	1.87	1.85	3.57	.56	1.75	3.13	2.94	4.16	2.760
TOTALS ..	28.54	20.06	21.23	38.17	24.56	25.13	28.07	24.11	25.79	30.49	26.615

D J J J J J

RAINFALL at Turnbridge Wells Parbury W.S.County of HantObserver W. H. Maxwell Esq C.E.River Basin Medway 4Rain Gauge, by N 93

Diameter ...	8												
Height	1 8												
Altitude ...	196 7					197.20							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL MEANS 1910-19	Summ 1910-19	
January ...	2.77	1.46	2.79	4.73	.65	2.96	1.28	1.51	3.11	5.26	11.16	11.16	
February ...	4.38	1.31	2.26	.89	4.51	5.00	5.04	.77	.94	2.05	8.80	9.80	
March	1.71	2.40	4.91	2.84	5.95	.67	3.77	1.41	.93	3.65	9.76	9.76	
April	2.05	1.72	.09	2.77	1.34	1.40	1.44	2.20	3.15	3.40	10.19	10.19	
May	2.50	1.40	1.06	1.35	1.06	4.93	2.16	2.29	1.38	.13	5.96	5.96	
June	2.31	2.36	2.60	.49	.82	1.18	3.52	2.21	.64	.75	7.12	7.12	
July	2.51	.51	1.38	2.13	1.26	3.94	.94	4.05	3.81	2.18	10.98	10.98	
August	2.52	.78	6.15	1.17	.98	2.21	2.23	5.92	1.13	2.85	12.13	12.13	
September ..	.43	1.46	3.49	1.86	.78	2.51	1.17	1.23	6.35	1.19	9.74	9.74	
October ...	2.50	5.86	3.76	5.08	1.99	2.24	4.42	4.14	2.12	.63	11.31	11.31	
November ..	3.82	5.67	2.48	4.34	4.57	3.29	4.88	1.74	2.64	2.86	12.12	12.12	
December ...	4.07	6.45	3.71	1.27	7.80	6.77	3.61	2.38	2.18	4.08	12.25	12.25	
TOTALS ...	31.57	31.38	34.58	28.92	31.71	37.10	34.46	29.85	28.38	29.03	121.72		
	2		2	2	2	2	2	2	2	2			

1715 Engine House
College30 yds N
- - 5

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.9.28	019.38 E	Turnbridge	3.3m	NW	St Peter	1700 ft	NW

RAINFALL at Tombury WaterworksCounty of KentObserver W. H. Maxwell Esq C.E.
Borough & Water Engineer (Tunbridge Wells)River Basin Medway &Snowdon Rain Gauge, by H. J.

Totals

Diameter ...	8												
Height	1 8												
Altitude ...	197												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		
30.46 January ...	3.59	2.50	3.45	1.45	2.29	2.67	3.08	2.52	3.54	1.27	4.10	2.77	
24.30 February ...	.56	.70	2.46	4.47	.99	4.16	2.23	4.76	1.43	.64	1.60	2.21	
17.88 March	1.42	1.66	2.11	2.08	1.86	1.13	.48	4.13	1.95	.01	1.05	1.62	
27.04 April	2.84	1.60	3.11	2.26	3.21	2.41	4.59	1.59	2.58	1.10	1.75	2.46	
24.55 May	1.20	1.62	2.32	3.23	4.44	2.74	1.77	1.20	1.50	1.67	2.86	2.23	
17.12 June	1.22	.03	1.50	.60	1.83	.16	3.08	3.83	2.76	1.14	.93	1.56	
28.53 July	3.97	.63	3.12	1.30	3.71	4.17	1.75	4.91	1.62	1.28	2.07	2.59	
26.70 August	1.55	1.44	2.72	1.42	2.45	1.56	1.14	5.23	3.24	2.88	3.04	2.43	
22.05 September...	2.76	.84	2.07	1.91	2.66	2.43	.68	4.30	.50	.38	3.52	2.00	
34.84 October	1.60	1.02	1.47	6.55	4.14	3.91	2.37	1.87	6.62	3.91	1.38	3.17	
42.67 November...	1.51	1.70	1.76	2.70	3.99	3.28	7.38	2.63	3.90	7.66	6.16	3.88	
40.12 December...	2.76	2.01	4.19	3.01	4.80	3.48	.69	5.19	3.56	7.79	2.64	3.65	
336.26 TOTALS...	24.98	15.75	30.28	30.98	36.37	32.10	29.24	42.21	33.52	29.73	31.10	30.57	
	D	D	D	D	D	D	D	D	D	D	D	D	

1920 Engine House 307ds N
Cottage 30 - S

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	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 9' 28"	0° 19' 38"	Tunbridge	3.3	NW	St. Peter's	1700 ft	N 47 W

RAINFALL at Pembury WaterworksCounty of KentObserver W. H. Maxwell, Esq., C.E.River Basin Medway H.A. P. Bishop, Esq., C.E.Type of Gauge Snodden ⁽¹⁹³⁴⁾ Standard (1935)

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

Diameter	3												
Height	1	8					0	5					
Altitude	197									196			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL	Means	
January	2.11	3.18	2.01	2.74	1.05	4.94	6.43	3.28	5.38	2.20	33.32		
February	2.54	.43	2.23	.23	5.21	2.34	4.31	.79	1.60	2.37	22.05		
March .....	.31	1.71	3.32	3.46	.37	1.33	4.16	.55	1.34	3.40	19.95		
April	3.95	2.22	.85	2.90	3.37	1.76	2.90	.44	2.75	2.16	23.50		
May	2.48	3.01	2.43	.98	2.08	.14	2.18	2.80	1.49	1.25	19.14		
June	1.14	1.19	1.54	1.93	2.39	3.81	2.12	.38	1.14	.40	16.34		
July	2.09	2.22	2.04	1.00	.66	3.66	.86	2.23	2.54	3.10	20.45		
August	3.90	.46	1.04	1.44	4.02	1.28	1.93	2.15	1.82	.07	18.11		
September	2.35	2.02	3.48	1.45	4.25	2.66	2.15	2.85	.69	1.22	23.12		
October .....	.55	6.66	2.07	2.19	4.14	2.23	3.05	3.62	8.46	3.77	36.74		
November	4.72	1.03	1.40	3.49	6.76	4.99	1.30	3.54	5.83	7.61	40.67		
December .....	.56	.55	.63	7.25	3.75	3.32	4.66	3.32	1.67	1.69	27.40		
TOTALS	26.70	24.68	23.04	29.06	38.25	32.46	36.65	26.00	34.71	27.24	300.79		KM

30' high
1931. Engine Ho. 30 yds N. Cottage 30 yds S.
1935. Shaft 50' high 45 yds NW.

1940. Engineers Ho. } 30' high 30 yds S-W.
Filter Ho. }

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.			Tonbridge	3m3f.	N.W.	St. Peter's	1700 yds	N.W.

Station No. 335

RAINFALL at Pembury Waterworks

41

County of Kent

Observer H.P. Bishop Esq. & Co.

River Basin Medway & A.

Type of Gauge Sneydon M.O.

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

File No. A 339 25 39

Diameter	8"			2 1/2	3 1/8				5"		
Height	0' 5"				1'	1' 6"		1' 0"			
Altitude	196'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL Means
January	3.15	2.62	5.62	1.81	1.79	2.19	2.43	4.22	.93	1.13	25.89
February	2.95	.70	1.66	1.17	1.79	2.98	2.12	1.58	1.20	5.17	21.32
March	2.53	2.44	.36	.05	2.00	1.58	5.61	1.02	.83	1.16	17.58
April	1.85	1.45	1.39	1.50	1.18	1.98	1.91	1.31	1.14	2.33	16.04
May	2.07	3.57	2.84	.50	2.95	3.04	2.05	2.20	1.28	1.36	21.86
June	1.78	.27	1.42	1.21	1.07	2.54	2.25	3.96	.83	1.22	16.55
July	2.20	2.21	2.18	2.41	2.79	1.41	2.20	1.12	.33	2.40	19.25
August	3.53	2.25	1.27	2.90	1.37	5.75	.22	3.91	1.13	2.33	24.66
September	.43	2.58	1.97	2.56	1.51	3.25	1.34	1.71	2.53	2.08	19.96
October	1.52	3.36	3.41	4.63	3.29	1.09	.49	1.55	7.29	.27	26.90
November	2.40	1.58	1.52	4.47	.18	6.06	1.15	1.40	3.48	5.76	28.00
December	1.82	3.13	2.44	2.60	4.29	3.08	2.63	3.82	1.01	1.79	26.61
TOTALS	26.23	26.16	26.08	25.81	24.21	34.95	24.40	27.80	21.98	27.00	264.62

1944 Engineers House, Filter House & Engine Room 30' high 30' x 50' S.W.

1949 Engineers House 30' high 147' S. Valve House 8' high 56' W. Engine House 20' high 180' W.

1948 M.O. gauge, 5", supplied in Aug.

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			Timbridge Wells	3 miles	S.W.	Pembury	1/2 mile	N.W.

Station No. 235

RAINFALL at PEMBRURY (WATERWORKS)

51

County of KENT

Observer H. P. BISHOP Esq. C.E.,

River Basin MEDWAY - H

Wm Pickering Esq. C.E. (1958)

Type of Gauge M.O.

Annual Average in. based on years obs. un-weighted. Period of average 196-1950 Ref. 196-1950

File No. 33925/39

Diameter ...	5"				295	038						
Height ...	1' 0"					1						
Altitude ...	196'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means TOTAL	
January ...	3.10	2.26	1.05	1.34	3.94	5.08	1.94	3.35	2.66	3.10	24.82	
February ...	6.66	.87	1.16	1.89	2.14	.94	3.80	2.30	0.09	2.46	22.31	
March ...	3.54	3.22	.20	3.28	1.27	.92	.81	1.70	1.95	1.83	18.72	
April ...	2.03	1.43	2.10	.41	.19	1.34	.21	1.50	2.35	0.69	12.23	
May ...	1.85	1.56	1.04	2.72	3.83	.35	1.44	1.90	1.35	2.11	18.12	
June ...	1.96	.96	1.68	3.01	2.00	2.52	1.20	4.56	0.66	1.66	20.21	
July ...	1.73	.71	2.67	2.70	3.54	3.54	5.23	1.72	1.94	2.89	26.66	
August ...	4.50	3.44	1.87	2.87	.75	2.69	2.70	4.40	0.97	4.20	28.39	
September ...	4.04	3.39	3.76	1.95	2.44	2.54	3.21	2.73	0.16	2.70	26.92	
October ...	1.43	2.57	2.94	2.08	4.61	1.58	1.11	3.64	2.39	7.32	22.61	
November ...	5.79	4.32	1.50	6.44	1.25	1.05	3.36	1.47	3.79	6.20	35.14	
December ...	3.32	2.68	.81	1.82	2.90	4.30	2.18	4.20	6.47	3.38	32.06	
TOTALS ...	39.95	27.41	20.78	30.48	28.86	26.85	27.16	33.47	24.78	38.53	298.17	1951
	D	D	D	D	D	D	D	D	D	D	D	

1951 Engineers House 30' 141' 5; Value House 8' 56' 10; Empire House 20' 136' 03

1960 July 9/2

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TQ(5)627'421'

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1955			Tunbridge Wells	4 m	SW	Pembury	400'	N

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

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