

Rainfall at

Hythe

60

Kent

H B Mackeson

M & Z

Diameter of Gauge, in.

Height above Ground, ft. & in.

Above Mean Sea Level, ft.

1-18th.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						5.03	4.30	5.64	4.26	2.74	
February - -						2.67	4.29	1.34	1.17	2.49	
March - - -						2.48	3.02	3.56	1.35	4.70	
April - - -						.26	1.09	1.78	2.04	1.83	
May - - - -						3.08	1.13	3.71	2.17	4.57	
June - - - -						1.69	2.25	1.18	.63	1.00	
July - - - -						2.95	2.40	4.36	2.01	.44	
August - - -						3.19	3.77	1.20	3.96	2.10	
September -						.23	5.54	.99	3.38	3.15	
October - -						9.43	.68	2.90	2.84	2.22	
November -						3.26	2.30	1.97	2.34	2.97	
December -						1.49	1.80	2.63	6.35	4.90	
TOTALS -						35.76	32.57	31.26	32.50	33.11	

c c c c c

g in Kitchen garden from trees

Returns doubtful; some of the later years recorded by
the same observer are undoubtedly wrong.

RAINFALL AT *Hythe*

Lat.....

Lon.....

County of.....

Rain Gauge, by.....

Observer

*H. B. Mackintosh Esq.**1- Roman*

Diameter.....	8											
Height.....	6											
Altitude	12											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.41	3.13	5.03	3.35	2.28	4.42	1.42	8.13	3.68	2.85	3.670	
February.....	.84	2.23	1.54	2.28	1.08	1.31	3.77	2.91	1.87	5.89	2.372	
March.....	1.57	1.84	2.93	2.27	1.32	.82	3.87	4.17	3.50	1.08	2.337	
April.....	1.43	4.03	1.97	1.50	3.51	.82	1.19	3.68	2.10	2.97	2.220	
May.....	1.82	1.03	3.26	2.09	.93	1.72	2.26	3.07	4.68	4.81	2.567	
June.....	.71	3.15	2.57	1.63	2.58	2.16	1.55	3.63	2.46	4.19	2.463	
July.....	1.31	2.92	2.56	2.08	2.34	4.31	.69	3.15	1.01	4.23	2.460	
August.....	1.23	.84	1.57	3.39	3.77	2.51	3.56	2.96	7.66	4.13	3.162	
September.....	2.39	4.66	2.11	3.63	5.15	3.04	4.72	1.99	2.49	3.92	3.410	
October.....	4.90	1.77	4.66	4.17	3.50	4.86	1.59	5.16	6.91	1.13	3.865	
November.....	3.53	2.01	8.53	2.87	2.61	8.82	3.88	9.47	7.09	1.25	5.006	
December.....	4.36	2.83	7.58	1.25	3.21	3.24	8.77	4.14	4.07	1.71	4.116	
TOTALS	25.50	30.44	44.31	30.51	32.28	38.03	37.27	52.46	47.52	38.16	37.648	

1871 June Gauge moved 60 ft.^w on account of building operations
 The assistant who made the observations from the commencement
 was dismissed in Dec^r 1881 and his returns from 1877 to 1881
 average quite 12 inches too high from 1869 to 1876 the excess
 appears to be about 7 inches

RAINFALL AT *Hythe*

80

Lat. _____

Lon. _____

County of *Hent*

Rain Gauge, by _____

Observer *H. B. Mackeson, Esq.*

1 - Rain

Diameter	<i>8</i>										
Height	<i>6</i>										
Altitude	<i>127</i>										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	<i>53</i>	<i>1.34</i>	<i>1.08</i>	<i>1.85</i>	<i>2.22</i>	<i>2.88</i>	<i>5.29</i>	<i>1.73</i>	<i>1.29</i>	<i>1.18</i>	<i>1.939</i>
February	<i>3.31</i>	<i>2.79</i>	<i>.88</i>	<i>3.31</i>	<i>2.07</i>	<i>2.94</i>	<i>.80</i>	<i>.43</i>	<i>2.46</i>	<i>3.53</i>	<i>2.252</i>
March	<i>1.31</i>	<i>3.11</i>	<i>1.95</i>	<i>1.69</i>	<i>1.48</i>	<i>1.41</i>	<i>1.10</i>	<i>1.73</i>	<i>3.88</i>	<i>1.60</i>	<i>1.926</i>
April	<i>2.02</i>	<i>.99</i>	<i>2.83</i>	<i>1.43</i>	<i>1.46</i>	<i>1.32</i>	<i>1.33</i>	<i>2.52</i>	<i>1.03</i>	<i>1.64</i>	<i>1.657</i>
May	<i>.46</i>	<i>1.58</i>	<i>1.34</i>	<i>2.08</i>	<i>.33</i>	<i>2.40</i>	<i>3.27</i>	<i>1.93</i>	<i>1.40</i>	<i>2.23</i>	<i>1.702</i>
June	<i>4.00</i>	<i>3.07</i>	<i>1.93</i>	<i>1.55</i>	<i>.99</i>	<i>.78</i>	<i>1.32</i>	<i>.66</i>	<i>2.51</i>	<i>1.07</i>	<i>1.788</i>
July	<i>4.59</i>	<i>2.81</i>	<i>2.45</i>	<i>3.32</i>	<i>2.43</i>	<i>.47</i>	<i>2.56</i>	<i>.50</i>	<i>4.96</i>	<i>2.07</i>	<i>2.616</i>
August	<i>3.71</i>	<i>6.37</i>	<i>1.59</i>	<i>.78</i>	<i>.69</i>	<i>.47</i>	<i>1.01</i>	<i>2.91</i>	<i>1.15</i>	<i>2.36</i>	<i>2.104</i>
September....	<i>4.25</i>	<i>3.99</i>	<i>3.71</i>	<i>4.14</i>	<i>2.79</i>	<i>4.42</i>	<i>2.10</i>	<i>3.49</i>	<i>2.28</i>	<i>1.01</i>	<i>3.218</i>
October	<i>10.25</i>	<i>7.41</i>	<i>6.09</i>	<i>2.35</i>	<i>2.94</i>	<i>5.19</i>	<i>3.37</i>	<i>1.82</i>	<i>2.54</i>	<i>7.41</i>	<i>4.937</i>
November....	<i>6.65</i>	<i>3.80</i>	<i>4.16</i>	<i>4.14</i>	<i>1.51</i>	<i>2.37</i>	<i>3.90</i>	<i>4.34</i>	<i>3.83</i>	<i>1.30</i>	<i>3.600</i>
December	<i>5.13</i>	<i>3.89</i>	<i>3.09</i>	<i>1.81</i>	<i>4.08</i>	<i>1.23</i>	<i>4.86</i>	<i>3.01</i>	<i>2.05</i>	<i>1.77</i>	<i>3.092</i>
TOTALS	<i>46.21</i>	<i>41.15</i>	<i>31.10</i>	<i>28.45</i>	<i>22.99</i>	<i>25.88</i>	<i>30.91</i>	<i>25.07</i>	<i>29.38</i>	<i>27.17</i>	<i>30.831</i>

1880 & 1881 Incorrect see 70 book.

RAINFALL AT

Hythe

Lat. _____

Lon. _____

County of _____

Kent

Rain Gauge, by _____

Observer _____

H. B. Mackeson Esq.

1 - Rother

Diameter	8							6			
Height	- 6										
Altitude	12 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.53	3.05	.92	2.36	2.75	3.15	1.32	3.44	1.08	2.29	2.289
February	1.28	.02	2.61	4.30	1.88	.38	.33	2.22	1.11	1.87	1.600
March	2.97	3.18	2.15	.70	1.14	1.95	3.13	3.68	2.63	1.02	2.255
April	2.71	.50	1.51	.01	2.64	2.00	.85	1.93	.86	2.98	1.599
May	1.12	3.99	.36	.61	3.11	.15	.17	1.15	4.02	2.14	1.682
June	2.74	1.64	3.08	.71	2.65	.70	3.61	1.51	1.74	1.59	2.027
July	3.03	2.51	2.75	2.76	5.64	3.56	1.16	.54	1.22	.74	2.391
August	3.52	4.04	3.45	1.20	1.79	2.16	2.93	3.59	1.78	.79	2.525
September ....	.92	.83	2.23	4.26	2.97	.86	5.44	2.55	.44	2.79	2.029
October	1.52	4.65	5.56	4.60	5.05	4.24	6.27	.33	2.46	1.76	3.644
November	3.62	2.63	2.95	4.23	3.32	4.83	2.79	1.83	2.36	2.30	3.086
December ....	.62	2.98	2.66	2.08	2.20	3.10	4.37	3.51	1.80	2.14	2.546
TOTALS . . .	26.58	30.02	30.23	27.82	35.14	27.08	32.37	26.58	21.50	22.41	27.973

RAINFALL AT

Hythe

Lat.

Lon.

County of

Kent East

Rain Gauge, by

Observer

Wm Mackean & Co

1- Rother ac.

Diameter ..	8											
Height	0 6											
Altitude ..	12 T											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.52	.75	1.17	2.53	3.71							
February ..	5.09	2.16	1.36	1.39								
March	1.01	2.18	1.08	2.18	1.76							
April	1.29	1.74	.73	2.61	1.14							
May	1.23	.77	2.20	2.49	1.81							
June	3.03	1.41	2.29	3.25								
July	1.10	1.58	1.42	4.69								
August	2.03	2.63	4.39	3.46								
September ..	.92	1.17	1.02	1.93								
October	2.92	1.79	2.17	4.75								
November ..	3.93	.74	2.44	3.01								
December ..	3.77	4.71	2.03	2.44								
TOTALS ..	29.84	21.63	22.80	34.73								

RAINFALL at Hythe *Barrow-in-Warwick*County of KentObserver C. Jones Esq. C.E.River Basin Roche C. 1Singleton Green Esq. C.E. 9/18Sunderland Rain Gauge, by N43

Diameter ...	5												
Height	1.0												
Altitude ...	0				29	11							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTALS 1916-19		
January ...	2.05	2.47	3.84	1.12	3.23	1.07	2.76	3.12	3.90	10.85	10.85	16.19	10.85
February ...	1.18	2.04	1.64	2.66	3.61	4.21	3.80	4.90	2.42	8.33	8.33	16.19	8.33
March	2.47	2.97	2.00	4.83	1.01	3.72	1.59	1.31	3.49	10.11	10.11	16.19	10.11
April	1.41	1.08	2.86	1.17	1.74	1.79	2.05	<u>1.15</u>	3.33	8.32	8.32	16.19	8.32
May	1.67	.52	.61	.87	2.75	2.13	1.49	1.89	.36	5.87	5.87	16.19	5.87
June	1.95	4.27	.62	1.76	.39	2.82	1.66	94	.57	5.99	5.99	16.19	5.99
July .....	.42	1.49	(1.73)	1.68	2.66	1.07	3.04	3.31	2.49	9.91	9.91	16.19	9.91
August	1.39	6.46	2.45	1.15	2.17	1.78	6.72	.98	1.54	11.02	11.02	16.19	11.02
September ..	1.42	2.69	1.70	.92	3.45	.81	(1.00)	5.17	.97	7.95	7.95	16.19	7.95
October ...	4.86	3.21	4.73	3.05	4.74	4.66	3.38	2.48	1.14	11.66	11.66	16.19	11.66
November ..	4.78	1.92	1.92	3.84	3.83	5.00	2.19	2.25	4.60	14.04	14.04	16.19	14.04
December ...	5.38	2.42	2.42	6.66	7.61	4.18	2.14	2.17	3.54	12.03	12.03	16.19	12.03
TOTALS ...	28.98	30.62	(26.52)	29.71	37.22	33.24	(28.32)	25.67	28.35	116.08	116.08	16.19	116.08

1911. Deco 3. ft high 30 yds E+W
 1914. Summer 30 ft high 40 ft W

1912. April corrected 24/11/22. (File 383847/12)

1913. July. Mrs. Willcox Rd.

1917. Sept. Mrs. Sandgate.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51° 4'	1° 5' E	Hythe	3 miles	NE	Hythe St. Andrew	1/4 mile	N

RAINFALL at HytheCounty of KentObserver J. Singleton Green Esq. C.E.River Basin Rother & c.

M. F. Dickford Esq. C.E. (1923)

Snowdon Rain Gauge, by N. J.W. J. Harvey Esq. C.E. (1925)
M. F. Dickford Esq. C.E. (1923)

Totals

	Diameter ...	5											
	Height	1	0				0.9						
	Altitude ...				12								
Totals	Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	Means
29.63	January ...	3.11	2.37	3.94	1.56	2.37	2.31	3.37	2.66	4.08	1.26	2.60	2.69
20.90	February ...	.31	.27	1.84	3.96	.87	3.41	2.66	3.87	1.23	.76	1.73	1.90
15.68	March .....	.97	1.25	1.90	1.81	1.35	1.16	.31	3.29	1.43	.14	2.07	1.42
24.04	April.....	2.66	1.12	2.50	1.52	2.83	3.08	3.39	1.74	2.59	1.02	1.59	2.19
22.85	May	1.56	1.00	.49	3.57	3.31	2.12	1.94	.77	2.40	1.58	4.08	2.08
18.44	June	1.21	.05	1.66	.70	1.35	.42	3.23	5.04	2.04	1.33	1.38	1.68
23.59	July	3.10	.16	2.24	.56	3.07	2.92	1.85	4.51	1.18	1.15	2.85	2.14
24.40	August	1.43	2.12	3.19	1.54	2.57	1.59	1.46	4.25	1.41	2.13	2.71	2.22
23.80	September...	2.95	.70	4.22	2.20	2.40	1.30	.68	3.67	.34	.79	3.52	2.16
34.52	October.....	1.10	.33	2.42	6.19	4.47	3.71	3.34	1.34	6.60	5.57	1.45	3.14
40.67	November...	1.25	2.28	1.53	2.08	2.73	4.08	6.42	3.83	5.34	5.62	5.48	3.70
37.65	December...	3.32	1.68	3.04	3.41	3.54	4.07	.93	5.24	2.84	6.84	2.71	3.42
316.17	TOTALS...	22.97	13.33	28.97	29.10	30.86	31.17	29.61	40.21	31.60	26.18	32.17	28.70
		D	D	D	D	D	D	D	D	D	D	D	

1923. Shrubs 8 ft 6 in high S.H. S.G. S.W.

.. 6-6 .. 4 .. N.W.

1925. Also cropped grass of bowling green.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 4'	1° 5'	Hythe	1/3 mi	N E	Hythe	1/4 mi	N.

RAINFALL at HytheCounty of KentObserver M. J. Harvey, Esq., C.E.River Basin Rother + 1Type of Gauge Snowdon

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

f 666808/26

Diameter	5											
Height	0 9											
Altitude	12											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL Means	
January	2.90	1.67	2.88	2.81	1.82	4.48	4.86	3.62	5.41	3.14	3359	
February	2.80	1.49	1.87	1.10	3.45	1.91	5.07	1.22	1.18	1.93	2002	
March	1.84	1.59	1.67	2.46	1.13	1.26	4.22	1.72	2.25	2.22	1736	
April	2.77	3.08	1.14	2.06	3.27	1.78	2.73	1.66	2.88	1.51	2188	
May	1.90	2.33	1.81	1.04	1.52	1.31	2.82	3.30	1.00	1.22	1725	
June	1.74	1.29	2.14	1.23	2.46	3.11	1.15	1.05	1.36	1.48	1501	
July	2.53	4.22	1.95	1.54	1.28	4.57	1.31	2.51	1.38	2.29	2158	
August	3.92	1.48	1.83	2.16	4.97	1.06	1.18	1.97	1.92	TR	1849	
September	1.68	2.02	5.64	1.30	3.72	3.09	2.49	2.26	1.87	1.93	2600	
October	1.81	8.09	2.02	1.90	3.22	2.29	2.41	3.17	11.88	2.81	3860	
November	4.35	1.01	1.69	2.10	5.89	4.60	1.23	3.11	5.65	5.62	3525	
December	1.60	1.43	1.59	6.14	3.32	2.56	6.96	3.21	1.62	2.18	2761	
TOTALS	25.85	26.70	23.23	24.84	34.05	31.02	36.43	26.80	38.40	25.83	29264	KM

1931. Close cropped grass of Bowling Green.

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.			Hythe	5/8 m.	N.E.	Hythe	1/4 m.	N.

Station No. 259

RAINFALL at Hythe

41

County of Kent

Observer M. J. Harvey Esq. & E.

River Basin Rother & C.

Borough Surveyor

Type of Gauge Sneyton B.P.

K.C.A. Ashby Esq. 1946

Annual Average 28.2 in. based on years obs. un-weighted. Period of average Ref

File No. 666808/26

Diameter	5"					305	197				
Height	0' 9"				1' 3"		1		1' 1 1/2"	1' 2"	
Altitude	12'				15		41		15' 8"	15	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL Means
January	2.56	3.21	5.24	1.36	2.53	1.51	2.36	3.41	1.29	1.42	24.89
February	2.50	1.62	1.76	1.35	1.50	3.38	1.40	.87	1.20	4.16	19.74
March	2.30	2.12	.53	.17	.81	2.18	5.27	1.16	.53	.95	16.02
April	1.61	.86	1.59	1.87	1.25	1.35	1.48	1.74	1.84	2.38	15.97
May	1.52	2.47	1.71	1.29	2.05	3.77	1.23	1.65	1.82	1.27	18.88
June	.87	.07	1.96	1.22	.70	2.24	2.09	1.58	.70	.81	12.24
July	3.07	2.32	1.65	2.16	1.54	2.69	2.49	2.08	.86	2.81	21.67
August	4.77	1.93	1.60	2.15	1.71	4.09	.16	3.17	.85	3.16	23.59
September	.22	2.61	2.38	3.28	1.29	2.95	1.06	2.35	2.93	2.89	21.96
October	2.07	3.63	1.87	5.35	1.44	1.24	.74	1.20	7.71	.78	26.03
November	3.12	2.31	2.72	5.28	.84	3.91	1.46	2.46	4.14	7.05	33.79
December	1.38	3.41	1.69	1.89	3.60	3.04	3.20	2.42	1.62	3.20	25.45
TOTALS	25.99	26.56	24.70	27.37	19.26	32.35	23.54	24.09	25.49	30.88	260.23

1942 Bowling Green adj. to gauge 6' W.

* Used in General Tables. Origin unknown

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.	Direction
1941			Hythe	5/8 mile	NE	Hythe	1/4 mile	N.

RAINFALL at HYTHECounty of KENTObserver (K.C.A. ASHAY, Esq.)River Basin ROTHER - C 1Barograph SurveyorType of Gauge SNOWDON B.A.M.O.Annual Average 28.0 in. based on 28.15 years obs. un-weighted. Period of average 1916-1950 Ref PFile No. 666808/26

Diameter	...	5"	5"			3.5	1.9					
Height	...	1' 2"	1' 0"				1					
Altitude	...	2	2				51	9'				
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...	3.41	2.83	1.34	2.25	3.41	5.68	2.33	3.30	3.06	3.57	31.18
February	...	6.26	2.06	2.40	2.49	2.28	1.29	4.45	2.93	1.07	1.58	25.81
March	...	2.59	3.51	2.23	3.51	2.31	1.59	1.22	1.86	1.75	1.50	20.07
April	...	1.74	1.80	1.80	1.42	1.28	1.89	1.62	1.35	2.03	1.00	10.93
May	...	1.88	1.19	1.81	2.13	4.12	1.91	1.43	1.93	1.01	1.70	13.11
June	...	1.31	1.80	2.72	2.11	1.97	2.55	1.30	4.25	1.13	1.16	18.30
July	...	1.40	1.01	4.49	3.51	1.71	2.71	4.34	3.55	1.58	3.44	26.74
August	...	5.81	2.89	3.15	3.66	2.46	3.91	2.19	4.94	1.84	3.04	33.89
September	...	5.37	4.91	4.00	1.88	1.18	1.90	4.00	2.93	1.16	2.81	29.14
October	...	3.00	3.03	2.96	1.92	4.87	1.98	1.22	4.07	3.49	6.51	33.05
November	...	5.18	3.63	1.86	5.26	1.35	1.77	4.29	2.20	5.28	5.43	35.25
December	...	2.55	3.85	1.29	1.76	2.60	2.96	1.56	4.35	6.87	4.95	32.74
TOTALS	...	40.50	30.51	28.05	30.90	27.54	27.14	27.95	37.66	28.27	36.69	315.21
		D	D	D	D	D	D	D	D	D	D	

1952 Trees 40' high 75' E.
 1958 Height given as 9.1' on plan in 1950-56
 Altitude by never shifted in last 25 years

Inspected 9.9.53 by Dr. Glascock: Rain-gauge sound & correct.
 Site appeared over-shaded but catch likely to be reasonable.

Position of Station on Ordnance One-Inch map: No. of Map: National Grid Reference TR(61) 163 345

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1952			Hythe	3/4 M. N.E.	Hythe	1/4 M. 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
	1911 ✓	✓	✓	✓	
	✓	✓	✓	✓	