

Rainfall at CardlandSouthampton

A. H. Hogg Esq.

2 hrs. before sunrise

Diameter of Gauge, ...<sup>8</sup> in.

Height above Ground, 4... ft. 4... in.

Above Mean Sea Level, 100... ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -			# 2.45	4.30	2.30	5.00	6.69	4.16	3.83	4.11	
February - -			.65	.90	1.99	3.15	5.33	2.50	1.70	2.48	
March - - -			4.67	.90	3.00	1.05	2.50	3.07	1.95	2.07	
April - - -			1.48	1.50	2.50	1.05	2.23	2.18	3.01	1.15	
May - - - -			4.26	2.25	1.15	2.71	1.64	1.48	1.87	5.52	
June - - - -			1.67	1.25	.25	1.25	2.28	1.98	.59	1.72	
July - - - -			1.90	.80	.15	3.98	1.75	4.14	1.08	1.02	
August - - -			1.90	2.80	.75	5.10	4.15	2.48	5.58	.80	
September -			1.50	5.02	4.13	.10	8.05	2.62	4.49	6.50	
October - -			7.10	3.40	1.60	8.19	2.28	3.45	3.17	1.98	
November -			.50	2.50	4.00	3.59	2.58	1.08	1.87	1.68	
December -			2.80	1.76	1.50	3.45	2.53	1.04	8.91	4.79	
TOTALS -			30.00	27.38	23.32	38.62	42.01	38.18	38.05	33.82	

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1869 During the year the W winds prevailed 51 days  
 SW 107: S 4: SE 36: E 26: N 8 34: N 30: N W 73

RAINFALL AT *Southampton Cadland*

Lat..... Lon..... County of *Hampshire*  
 ..... Rain Gauge, by..... Observer *G. H. Hogg Esq.*

Diameter .....	.8	.8									
Height .....	5.	3.6	4.	3.6	4.	4.6					
Altitude .....	50?	50.	50	50	52						
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January .....	1.73	3.26	6.90	5.19	2.29	5.08	1.16	7.82	1.59	4.82	3.984
February .....	2.26	1.83	2.40	2.84	2.64	2.97	3.51	1.85	2.74	4.72	2.776
March .....	2.50	1.32	3.19	3.03	58	75	4.15	2.32	1.71	.65	2.020
April .....	2.20	4.82	1.34	1.00	3.07	1.46	1.81	3.11	3.27	3.09	2.317
May .....	1.33	.88	2.27	1.41	.98	2.13	33	2.81	3.34	3.05	1.853
June .....	.21	2.70	3.41	2.15	1.98	3.21	1.34	1.20	1.40	5.44	2.304
July .....	1.07	5.10	4.34	1.65	1.70	3.92	1.11	3.35	1.17	4.58	2.799
August .....	2.92	1.54	1.60	3.10	2.99	2.12	3.43	3.41	4.69	6.78	3.258
September .....	2.43	6.12	2.54	2.63	3.75	1.67	4.60	2.17	2.30	4.57	3.278
October .....	5.43	2.13	6.12	3.98	5.43	6.57	2.41	3.13	3.53	2.19	4.092
November .....	2.22	.59	5.86	2.77	3.79	4.67	4.55	7.59	2.62	.48	3.514
December .....	3.20	3.06	6.50	.84	3.41	1.24	8.23	1.79	1.73	1.11	3.111
TOTALS .....	25.50	33.35	46.47	30.59	32.61	35.79	36.63	40.55	30.09	41.48	35.306

1871 The Rainfall of 1871 is 7.85 in excess of 1870 & 1.23 in above the average of the 11 previous years

# RAINFALL AT *Cadland, Southampton*

80

Lat. ....

Lon. ....

County of *Hants*

Rain Gauge, by .....

Observer *J. Laurie, Esq.*

Diameter ....	8											
Height .....	4.6											
Altitude ....	52 T								47	52		
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ...	.89	2.80	1.71	3.43	3.72	2.61	4.27	2.87	1.33	.93	2.456	
February ....	3.80	4.19	1.75	4.52	2.73	3.81	.71	.71	1.46	1.79	2.547	
March .....	1.16	3.26	.79	.78	2.65	2.20	3.22	1.22	3.62	2.74	2.164	
April .....	1.77	.90	3.52	1.10	1.40	1.17	2.12	1.33	1.83	2.62	1.776	
May .....	.35	1.65	2.28	2.75	1.04	4.27	3.76	1.06	2.07	2.81	2.204	
June .....	2.68	1.86	3.20	1.73	2.75	1.63	.57	.99	3.44	.71	1.956	
July .....	2.13	2.03	2.46	3.88	2.27	.44	2.96	.88	4.23	3.03	2.731	
August .....	.58	4.90	2.19	1.33	1.57	.83	1.60	2.67	4.10	2.47	2.224	
September ...	4.95	2.71	2.42	4.03	2.52	5.46	2.26	4.24	1.14	.88	3.060	
October ....	5.49	1.61	6.78	2.93	.85	4.12	5.60	1.33	2.03	6.40	3.714	
November ....	3.29	5.37	4.16	4.86	1.35	3.47	3.39	4.10	5.22	1.81	3.702	
December ....	4.94	3.85	3.04	.96	4.71	1.72	6.45	2.61	2.28	2.45	3.301	
TOTALS ...	35.03	35.13	43.0	32.30	27.56	31.73	36.90	24.01	32.75	28.64	31.835	

*1880. Fawley, 7 1/4 furlongs S.E.*

*Building 9ft high 25ft W.S.W*

*New glass in 1882*



# RAINFALL AT

Southampton Badland

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of

Hants

Rain Gauge, by \_\_\_\_\_

Observer

Laurie Esq

Diameter ....	8											
Height .....	4 6											
Altitude ....	52 T		47			52 T		47				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.53	3.40	.81	2.02	4.59	3.52	1.19	2.34	.81	3.96	2.607	
February ....	.81	.09	1.07	3.71	2.94	.11	.17	3.79	1.90	3.01	1.762	
March .....	1.23	2.63	1.10	.56	2.14	1.70	3.71	5.72	.49	.98	2.026	
April .....	2.96	.99	.69	.06	2.10	3.15	.89	2.40	1.38	3.12	1.774	
May .....	1.82	2.51	.86	.83	1.07	.93	.38	1.49	3.14	1.02	1.405	
June .....	2.70	1.45	1.59	1.47	2.06	1.45	2.09	3.11	1.26	1.80	1.898	
July .....	3.85	2.82	2.22	5.06	4.42	4.13	.73	.60	.82	.70	2.535	
August .....	4.58	6.12	3.26	.97	1.91	2.71	2.42	3.98	1.54	.51	2.800	
September....	1.71	2.16	3.14	1.57	2.52	.25	7.93	2.93	1.36	2.37	2.544	
October.....	.90	10.25	4.44	3.64	4.18	3.17	3.33	.69	5.23	2.02	3.785	
November....	2.31	4.12	3.07	2.06	5.58	6.63	.92	1.32	4.78	5.91	3.670	
December ....	.90	5.42	2.25	2.99	3.06	3.19	4.39	5.24	3.43	2.03	3.290	
TOTALS ...	27.30	41.96	24.52	24.94	36.87	30.94	28.15	33.61	26.14	27.43	30.186	

1895 Fawley Church 1 mile SSE

Buildings 12 ft high 25 ft S.W.

# RAINFALL AT

*Southampton Cadland*

Lat. ....

Lon. ....

County of

*Hampshire*

Rain Gauge, by

Observer

*J. Laurie Esq*

*H. L. Meyer Esq*

*a c Drummond Esq*

Diameter ..	8										
Height ....	4 6	4.4			3.0	4 6					
Altitude ..	521	50			52						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS
January ..	3.80	1.27	1.54	2.30	3.85	.93	7.64	1.08	1.31	1.08	2480
February ..	5.37	1.64	1.49	1.96	3.78	.58	3.20	1.27	1.26	.35	2090
March ....	1.58	2.55	2.24	3.73	1.01	4.83	1.76	.65	2.72	3.50	2457
April .....	1.47	2.94	1.41	2.79	1.55	1.58	1.08	4.21	2.89	1.29	2121
May .....	1.80	1.44	2.30	3.15	3.82	.81	1.80	2.16	2.00	1.65	2093
June .....	3.23	.98	4.65	3.02	1.23	4.46	1.37	1.94	.45	3.39	2472
July .....	1.22	3.44	1.40	2.88	1.20	.38	.49	2.09	1.96	2.73	1779
August ....	3.42	2.29	4.15	4.70	2.60	2.45	1.07	1.67	4.26	2.49	2910
September ..	1.29	2.34	1.04	3.07	1.94	1.68	1.09	.51	2.03	4.20	1919
October ....	3.18	3.54	2.52	10.22	2.94	1.92	6.53	7.44	1.76	9.44	4949
November ..	3.77	.56	3.77	2.56	1.21	3.90	4.76	2.66	1.19	.61	2499
December ..	4.35	4.95	1.97	3.34	3.13	.85	2.24	4.20	3.89	4.09	3301
TOTALS ..	34.48	27.94	28.48	43.72	28.26	24.87	33.03	29.88	25.72	34.82	31070

1901 Fawley Church 1 1/4 miles S E  
 Walls 8 ft high 90 ft all round  
 Beaulieu Rl Station 8 1/2 miles N

RAINFALL at Fawley CadlandCounty of HampshireObserver A.C. Hammond Esq.River Basin Test + Solent 4Weymouth Major  
Mr J.A. Johnson  
Wm. Smith

Rain Gauge, by \_\_\_\_\_

Diameter ...	8											
Height .....	4 6											
Altitude ...	52 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.24	1.30	4.64	4.83	.68	4.18	1.53	1.34				
February ...	3.66	1.84	2.50	1.26	4.26	5.50	5.01	1.15				
March .....	.97	2.01	4.00	3.48	5.26	.89	3.53	3.17				
April .....	2.42	1.48	.11	3.60	1.42	1.21	.72	2.93				
May .....	1.48	1.71	1.27	2.63	1.32	3.68	1.21	2.22				
June .....	2.42	2.34	3.36	.84	1.01	1.97	2.09	2.18				
July .....	2.88	.13	3.08	1.16	3.52	4.30	.83	3.82				
August .....	2.18	.86	6.50	1.55	2.62	1.83	2.95	5.68				
September ..	.15	1.29	2.37	2.91	1.54	3.78	2.28	2.06				
October ...	5.27	4.26	3.68	3.51	3.22	3.53	5.37	5.65				
November ...	3.98	5.24	2.69	3.75	4.27	3.28	4.42	.96				
December ...	5.08	6.59	4.52	2.31	9.37	9.26	3.96	1.37				
TOTALS ...	33.73	31.05	38.72	32.13	38.49	43.41	33.90	32.53	N.R.			
	D	2	2	2	2	2	2	2				

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.



RAINFALL at Fawley Coalfield ParkCounty of HampshireObserver M<sup>r</sup> S. SmithRiver Basin Test & Solent 4Capt. Malvern Drummond (1925)  
M<sup>r</sup> Leslie A. Smith (1928)

Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	4 6										
Altitude ...	52										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mkts.
January ...	3.82	4.01	4.48	2.77	2.99 (4.50)	3.91	2.44	5.84	1.01	4.15	
February ...	65	47	3.11	6.28	19 (4.50)	2.25	3.88	1.95	99	96	
March .....	2.20	80	2.20	1.64	1.67	22	35 (3.44)	2.51	19	1.48	
April .....	3.08	67	3.34	3.24	2.80	1.93	3.27	1.16	1.65	85	2.36
May .....	1.73	1.77	1.10	2.41	..	5.04	1.86	4.44	1.46	2.17	2.08
June .....	2.12	10	2.21	23	2.46	00	3.08	2.83	1.98	1.36	35
July .....	5.88	42	4.29	77	3.22	3.52	1.76	2.54	1.55 (2.15)	2.00	
August .....	1.45	2.17	3.00	2.95	3.71	4.44	1.47	4.08	2.08 (1.99)	3.27	
September...	2.05	71	1.63	2.66	5.80	2.92	29	5.41	92 (4.0)	3.87	
October .....	2.97	94	53	6.00	..	4.07	3.16	2.27	6.75	4.41	1.60
November...	2.17	1.89	2.02	1.28	..	2.96	7.29	3.11	2.71	7.99	5.51
December...	2.48	1.90	4.01	3.89	5.37	3.67	71	3.74	3.06	6.79	3.38
TOTALS...	30.60	15.85	31.92	34.12	..	(37.77)	29.40	35.15 <sup>34</sup>	32.46	(30.80)	31.01
	D	D	D	D	d	d	D	D	d	d	d

1924. Incomplete, obs. cont. records.

1925. Jan. Feb. estd. from surrounding stations.

Position of Station on reduced Ordnance Survey  
Map, 2 miles 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
1924.			Beaulieu Road					

*Cadland Cottage (1937)*

RAINFALL at *Fawley (Cadland Park)*

County of *Hampshire*Observer *Mr. L. Smith J. Penny (31)*River Basin *Tent + Solent H**The Head Garden (1932)*Type of Gauge *flasher**Major Drummond (1937)*

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

67.657 3/26

Diameter	3					5					
Height	4 6				4.0	1 0					
Altitude	52			100		100					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.13	2.88	2.98	2.88	.84		6.43	3.26	4.58	3.21	
February	2.03	.10	3.13	.11	2.96		5.45	.56	1.20	3.36	
March	1.15	1.31	3.40	2.80	.97		3.48	.49	1.12	3.55	
April	3.02	3.58	1.12	2.13	2.95		2.87	.01	1.40	.85	
May	3.46	5.68	2.11	.67	1.24		3.56	1.16	1.02	.52	
June	2.21	1.61	1.34	1.42	3.23		1.42	.68	1.38	1.80	
July	4.38	3.67	2.14	.77	2.26		1.52	1.60	3.57	3.66	
August	3.88	1.25	1.13	3.52	3.76		1.10	2.16	2.04	-	
September	1.83	3.62	3.35	3.15	4.16		1.93	1.60	0.67	1.68	
October	.63	6.94	2.34	2.18	4.66		2.91	3.70	7.39	3.99	
November	(4.00)	1.96	0.74	3.34	8.22		2.06	4.27	6.87	10.00	
December	.42	1.53	0.69	9.33	3.07		6.37	3.53	1.93	2.60	
TOTALS	(29.11)	34.13	24.47	32.30	88.32	N.R.	29.10	23.62	33.17	35.22	

1931. Nov. estimated.

1932 Greenhouses 20', 30' N.

1936. Record terminated in July on owner of Cadland Park moving Cadland Cottage, Solent.

1937 Record resumed by Major Drummond at Cadland Cottage.

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
1931. from map '38.			Fawley	1/2 ml	S	Fawley	1 ml	S.S.W.
			"	3/4 ml	E.S.E	"	1 1/2 ml	S.E.