

RAINFALL AT *I of Wight Holland Bay*

Lat.

J.OM.

County of Santa

Rain Gauge Use

Oliver

J. Dover

RAINFALL AT Totland Bay Wilmington

Lat.

Lon.

County of

Hampshire Eng

Rain Gauge, by

Observer

J. Dover Esq

Diameter	5				8							
Height	10											
Altitude	60?	85T										142
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.92	2.38	.94	1.84	4.46	3.42	.90	2.45	.60	2.65		
February74	.12	.95	3.19	2.51	.10	.28	3.41	2.58	2.64		
March83	2.20	.88	.65	1.58	1.60	2.75	4.30	.35	.52		
April	2.55	1.01	.70	.01	2.11	2.28	.68	2.26	1.36	2.57		
May	2.22	2.19	1.01	.81	.92	.30	.41	2.44	3.59	.97		
June	2.66	1.74	1.51	1.12	1.98	1.40	1.51	3.30	1.26	1.12		
July	2.86	2.12			4.31	3.35	.88	.38	.44	.53		
August	3.21	5.53	9.00	7.00		1.86	1.49	3.17	1.43	.66		
September....	.72	1.33			9.00		.11	8.19	2.28	1.11	2.67	
October.....	.92	10.45	2.59	5.05		3.98	2.76	.82	4.69	1.52		
November....	2.77	3.81	2.50	1.55	5.79	4.74	.80	1.30	4.93	4.57		
December....	1.27	3.86	1.40	3.24	2.10	2.71	4.05	3.69	3.28	1.63		
TOTALS ...	23.67	36.74	21.48	24.16	31.76	25.85	24.70	29.80	25.60	22.05	26.01	

1891 Christ Church 500 yards S

House 30 ft high 50 ft SW

Tree 20 " 40 " NW

1899 January 1st Gauge moved 400 yards S

Missing months estimated

RAINFALL AT Totland Bay, ^{Wilmington} a. Rotten House

Lat.

Lon.

County of Isle of Wight

Glaisher Rain Gauge, by N+3
1902, N+3, Sandown Kew Gtde 1909

Observer J. D. Dent Esq. M.A.

Diameter ..	8										
Height	10							1.3			
Altitude ..	145 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.60	1.58	1.05	2.22	3.69	.98	6.80	.73	.96	.91	2.252
February ..	5.07	1.39	1.42	1.77	3.18	.71	3.13	1.12	1.02	.32	1.913
March	1.47	2.78	2.10	3.06	1.56	5.20	1.44	.54	3.01	3.72	2.488
April	1.19	2.64	1.44	2.74	1.16	1.72	1.41	3.97	2.44	1.36	2.007
May	1.19	1.07	2.32	2.44	3.19	.49	2.48	1.65	1.49	1.88	1.770
June	2.85	2.18	2.57	1.95	.73	2.86	1.33	1.35	.54	3.62	1.998
July78	2.17	1.61	2.40	1.38	.25	.78	1.39	1.55	2.34	1.465
August	2.49	2.47	3.91	3.80	2.74	3.03	.75	1.32	2.23	2.86	2.560
September ..	1.02	2.66	.98	2.32	2.83	1.76	.95	.93	2.36	4.16	1.997
October	2.31	3.90	2.29	8.40	2.33	2.76	5.87	7.07	1.71	9.12	4.576
November ..	3.29	.51	3.45	1.62	1.34	4.24	4.21	2.71	.85	.77	2.299
December ..	3.98	4.03	1.57	2.64	3.16	.65	1.88	3.02	3.52	3.91	2.836
TOTALS ..	29.24	27.38	24.71	35.36	27.29	24.65	31.03	25.80	21.68	34.47	28.161 ✓

D D m m D D

1900 October 1st Gauge moved 20 ft N

Christchurch Ch 200 yards S

House 40 ft high 80 ft E

1903 Freshwater Station 12 miles E

1906 Gauge moved in open meadow with slightly raised bank on E recently moved from more sheltered position C.S.

- Gauge moved 1 July 70 yards SE

1908 Oct 10 - a few yards S

1909 Dec 3 - 8 feet S

Inspected by C.S. 1906

RAINFALL at Totland Bay Aston House

County of Hampshire

Observer J. Averbeck

River Basin Isle of Wight 1

Sneddon Rain Gauge, by N.Y.

1910 Nov 1st gauge moved 6 ft N
House 30 ft high (50 ft L) W

From Catechism it appears that the height of min. of g. above
ground was always at 1 ft

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50°41'	123°W	Freshwater	14 m	E	Christchurch	100 yds	S

RAINFALL at Tottland Bay Aston House

County of Hampshire Observer J. Dover Esq. M.A.
 River Basin Isle of Wight - I
Snowdon Rain Gauge, by N.W.G.

Diameter ...	8	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MARSH.	Totals.
Height	10													
Altitude ...	140													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MARSH.		
January ...	4.08	4.50	5.06	1.30	2.85	5.04	4.30	2.19	3.66	1.57	4.21		40.76	
February ...	4.1	1.18	2.36	4.70	2.8	4.65	2.03	3.46	2.14	1.22	.68		22.14	
March	2.59	1.07	2.86	1.73	1.72	2.6	3.31	2.51	2.75	.13	1.22		17.15	
April.....	2.57	.82	2.88	3.39	2.53	2.78	2.83	1.67	2.13	.94	2.50		25.04	
May	1.40	1.13	.70	2.87	3.34	3.34	1.88	.87	0.83	2.53	2.13		21.02	
June	2.79	.16	1.08	4.44	1.94	.00	3.28	2.15	2.00	1.39	1.06		16.29	
July	6.55	.46	3.43	1.35	3.15	3.23	.98	2.89	1.69	1.15	1.78		26.66	
August	1.02	2.07	2.51	1.86	2.59	4.85	.77	3.19	2.34	1.75	2.48		25.46	
September...	2.25	.70	1.29	3.15	4.66	2.34	.63	5.93	1.33	.76	2.93		25.96	
October.....	2.57	1.12	1.22	5.74	5.43	3.26	3.08	1.67	4.08	4.72	3.07		38.96	
November...	1.32	1.96	2.00	1.36	2.66	3.26	7.69	3.74	2.95	8.12	5.30		40.36	
December...	2.81	1.70	4.42	2.81	4.09	3.64	.33	4.26	2.61	6.33	3.79		36.79	
TOTALS...	30.36	15.87	29.81	30.70	35.23	36.65	28.11	34.53	33.57	30.61	31.15		336.59	486

1920. House 30ft. high 150ft. W.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.			
Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	50°41'	1°33'	Freshwater	1/4 mi	E	Christ Church Tottland Bay	100yd	S.

RAINFALL at Totland Bay (Aston House) M.W.R.

County of Hampshire

Observer J. Dyer, Esq.

River Basin Isle of Wight

Hole & Co. (Dover)

Type of Gauge A.C.

Annual Average 28.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915

Ref. B. of N.

660500/26.

Diameter	8"										
Height	1.0										
Altitude	140'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals Means
January	2.05	2.48	2.02	2.50	1.50	4.81	5.83	3.61	4.75	3.58	33.13
February	1.74	0.05	3.13	0.03	2.90	2.93	6.11	6.63	11.9	3.72	21.43
March	1.33	1.39	3.14	2.71	9.5	2.18	3.03	3.33	11.3	3.26	19.45
April	2.44	2.93	1.54	1.75	3.17	1.56	2.27	1.00	1.88	.86	18.40
May	3.00	3.99	1.72	1.73	1.95	1.43	2.91	1.54	1.00	1.02	17.29
June	2.49	2.04	0.87	1.20	2.87	3.23	1.59	1.59	1.60	-2.2	15.70
July	3.48	3.00	1.71	1.43	1.44	3.30	1.83	1.98	4.02	3.32	23.51
August	2.94	1.94	0.87	2.95	2.07	1.17	2.28	1.55	2.69	-	17.6
September	2.04	3.08	2.48	2.52	3.75	2.69	2.52	1.91	1.56	1.58	24.13
October	1.73	6.11	1.80	2.10	3.31	1.20	3.78	3.68	7.05	3.63	33.39
November	4.14	1.90	0.63	3.24	6.85	4.30	2.60	4.51	5.89	7.86	41.92
December	1.78	1.15	1.17	8.71	3.33	2.54	6.83	3.30	1.47	2.15	30.47
TOTALS	27.16	29.06	21.08	28.87	33.09	29.34	38.58	23.63	34.23	31.20	29629

3/5/33. Inspected by M.O. Inspector. Site & site satisfactory.

1935. Inspected 18/6/35. Site & q. satisfactory.

1936. " 26/10/36. (do).

1937. " 23/11/37. O.K.

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
1936			Freshwater	1/4 m		Totland Bay	100 yds

Station No. 600 M.W.R.

41

RAINFALL at Jotland Bay (Chelomtowers)

County of Hampshire

Observer Hotel Pier Bo. T. Dover M.A.

River Basin Isle of Wight

Type of Gauge M.O.

Annual Average 29.5 in. based on 35 years obs. un-weighted. Period of average 1916-1950. Ref. B.C.I.N.
 29.19 " " " " 1916-1950

File No. 6605.00/2b

Diameter	8"		334	137			4 yrs running 1916-1950	20			
Height	1' 0"			3			No. factif d	NOT LUNCH			
Altitude	160			41			Traw 1916-50				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.94	3.52	5.75	2.15	1.31	2.67	3.22				Totals
February	3.24	.31	1.04	63	2.04	2.71	1.16	(734)			29.97
March	3.74	2.87	.77	2.25	84	1.36	6.33	(100)			18.63
April	1.38	1.25	.94	1.67	1.14	2.63	2.03	(495)			19.42
May	1.79	2.74	2.51	.34	1.63	2.37	1.64	(545)			15.99
June	1.00	.65	.85	1.67	2.52	2.94	1.63	(400)			20.00
July	2.45	1.86	3.04	2.63	2.03	1.21	1.04	(500)			15.86
August	3.87	2.50	1.12	4.40	1.68	2.86	1.17	(100)			20.18
September	1.06	2.77	2.25	1.49	2.03	2.97	1.06	(300)			26.83
October	.71	3.93	3.70	3.32	3.11	1.13	1.39	(1210)			22.60
November	2.62	1.12	1.87	5.47	.39	4.30	1.48	(1045)			29.39
December	1.53	3.27	2.63	2.15	5.01	3.15	(3.29)	(100)			28.23
TOTALS	27.33	26.78	26.47	26.20	23.73	32.32	(25.4)	(826)			30.47
											27677

1948 Terminated owing to absence & ill health of J. Bowes.
 1947 Dec values are from Freshwater Stn No. 601.

2000

Remarks	1910-19	1940-50	1951-60	1941-50
D. o. d	v	v	v	T 1947

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series, No. of Map..... Reference No. 40-325850, 32205

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

Air Ministry, Meteorological Office

334138

RAINFALL at Totland Bay (Hurst View)

Station No. 6001

County of Hampshire

Observer Capt. F.H. Burnett T.D.

River Basin Isle of Wight ~ 1

Type of Gauge BA 5"

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

Ref.

File No. E23591/58

51

Diameter ...	5"		334	138				5"			
Height ...	3'				1			3' 0"			
Altitude ...	100 ft.				51			100'			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.72	1.34	1.72	3.85	5.50	2.64	4.64	3.20	3.49		
February71	1.38	3.56	1.63	.26	4.49	3.10	.26	2.56		
March ...	3.13	.42	4.24	1.13	.56	2.23	1.45	2.63	2.38		
April ...	2.03	1.80	.26	.55	1.91	.17	.44	2.43	1.85		
May ...	2.46	2.15	2.09	3.62	.46	1.16	2.84	.77	2.12		
June ...	1.43	1.94	2.68	3.71	3.85	1.74	3.22	.71	3.33		
July53	3.13	3.01	.75	3.21	3.94	1.59	1.84	3.42		
August ...	3.72	1.65	4.43	1.20	4.95	2.27	4.04	2.10	4.35		
September ...	5.21	2.96	2.78	1.40	3.86	3.94	5.18	.31	6.97		
October ...	4.34	3.99	2.67	3.36	1.32	2.50	3.49	3.46	9.16		
November ...	5.04	2.04	5.72	2.92	.78	2.80	3.33	4.45	6.47		
December ...	3.59	.87	3.09	5.36	4.75	2.71	4.73	7.38	4.85		
TOTALS ...	34.91	22.67	43.67	28.98	30.91	30.89	37.95	24.84	48.65		

g. weather in few yrs of old site at Astley House. see if b. P. averages fit.

Inferred 22.1.60 by Mr. H. Blundell. g. measured on post. 0° S E → SSW and W. 0° S E → SSW 80° - 160° ESE

30° - 30° SSW → SSE 80° - 80° SSE 30° - 30° W. Rec. morning 15yds ENE where old shelter still slightly S E → SW. Put at 1.

J. J. 13.

52 (10) 323867

52 (40) 323866

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

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Parish Church	Distance from gauge

Summary of Earlier Records from 10-year Sheets:

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