

RAINFALL AT Totland Bay Wilmington

Lat. _____

Lon. _____

County of

Hampshire I. of W.

Rain Gauge, by _____

Observer

J. Dover Esq

Diameter	5				8						
Height	1	0									
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	
February ....	.74	.12	.95	3.19	2.51	.10	.28	3.41	2.56	2.64	
March .....	.83	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	24.44	34.76	25.85	24.70	29.80	25.60	22.05	26.91

1891 Christ Church 500 yards S

House 30 ft high 50 ft S.W.

Tree 20 " 40 " N.W.

 1899 January 1st gauge moved 400 yards S

missing months estimated

RAINFALL AT Totland Bay Wilmington & Cotton House

Lat. Lon. County of Ile of Wight

Glaisher Rain Gauge, by N+3 Observer J. Down Esq. M.A.
1909. N+3 Sunder Knute 1909

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	.82	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
July .....	.78	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

1900 October 1st Gauge moved 20 ft N

Christchurch ch ²⁰⁰ 200 yards S

House ⁴⁰ 40 ft high 80 ft E

1903 Freshwater Station 12 miles E

1906 I with flanged funnel in open meadow with slightly raised bank on E
recently moved from near sheltered position C.S.

" Gauge moved 1 July 70 yards SE

1908 vol 11 " a few yards S

1909 Dec 3 " 8 feet S

Inspected by C.S. 1906

RAINFALL at Totland Bay Aston HouseCounty of HampshireObserver J. DoverleyRiver Basin Isle of Wight 1Sunder Rain Gauge, by N+3
2nd

Diameter...	8											
Height	1.3									1.0		
Altitude ...	145 ft									140		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January	2.48	1.16	4.12	4.65	.45	3.53	1.23	1.09	2.93	4.79		Total 16.19 10.04
February	3.23	1.40	2.62	1.35	3.84	4.53	4.55	1.35	1.17	2.84		9.91
March	1.18	1.91	3.41	2.91	5.45	.79	3.55	2.26	1.04	4.84		11.69
April	1.85	1.45	.12	2.65	1.00	1.21	.45	2.70	1.74	1.38		6.27
May	1.24	1.18	1.23	2.81	.62	3.14	1.84	1.75	1.33	.47		5.39
June	3.29	1.48	3.77	.61	.84	.67	2.27	1.01	1.02	.98		5.28
July	3.02	.15	1.85	.72	3.44	3.51	.55	3.18	3.28	1.47		8.48
August	1.99	.50	5.80	1.74	2.08	.88	2.18	4.30	1.81	2.95		11.24
September	.12	1.22	2.50	3.81	1.27	3.75	1.93	1.70	5.05	1.45		10.13
October	5.05	5.21	3.45	4.63	3.78	3.85	4.30	3.95	1.91	.92		11.08
November	4.14	5.07	2.67	3.64	4.62	2.60	3.25	.80	2.47	2.11		8.63
December	4.21	6.68	3.70	1.75	9.07	8.88	4.22	1.17	2.68	5.59		13.66
TOTALS	31.79	27.41	35.24	31.20	36.46	37.34	30.32	25.26	26.43	29.79	31.134	111.30 ft

1910 Nov 14 Gauge moved 6 ft N
 from 30 ft high (50 ft) W

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

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50.41	1.23 W	Freshwater	1 1/2 M	E	Christchurch	100 yds	S

RAINFALL at Lottland Bay Aston HouseCounty of Hampshire Observer J. Dover Esq. m.a.River Basin Isle of WightSnowdon Rain Gauge, by W. J.

Diameter ...	8											
Height	10											
Altitude ...	140											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	Totals.
January ...	4.08	4.50	5.06	1.30	2.85	5.04	4.30	2.19	5.66	1.57	4.21	40.76
February ...	4.1	1.18	2.36	4.70	2.8	4.65	2.03	3.46	2.17	1.22	1.68	22.14
March	2.59	1.07	2.86	1.73	1.72	2.6	3.1	2.51	2.75	1.3	1.22	17.15
April	2.57	1.82	2.88	3.39	2.53	2.78	2.83	1.67	2.13	1.94	2.50	25.04
May	1.40	1.13	1.70	2.87	3.34	2.34	1.88	1.87	0.83	2.53	2.13	21.02
June	2.79	1.16	1.08	4.4	1.94	1.00	3.28	2.15	2.00	1.39	1.06	16.29
July	6.55	4.6	3.43	1.35	3.15	3.23	1.98	2.89	1.69	1.15	1.78	26.66
August	1.02	2.07	2.51	1.86	2.59	4.85	1.77	3.19	2.37	1.75	2.48	25.46
September...	2.25	1.70	1.29	3.15	4.65	2.34	1.63	5.93	1.33	1.76	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	2.26	4.69	3.74	2.95	8.12	5.30	40.36
December...	2.81	1.70	4.42	2.81	4.09	3.64	1.33	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
	D	D	D	D	D	D	D	D	D	D	D	926

1920. House 30ft high 150 ft W

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	50°41'	1°33'	Freshwater	1 1/4 mi	E	Christ Church Lottland Bay	100 yds	S.

RAINFALL at Totland Bay (Aston House) M.W.R.County of HampshireObserver J. Dyer Esq.River Basin Isle of Wight I.Hotel & Co. (Dover)Type of Gauge As. O.Annual Average 28.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B. 91v.660500/26

Diameter	8					8"						
Height	1 0					1.0						
Altitude	140					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	23.13	
February	1.74	.05	3.13	.03	2.90	2.93	5.11	.63	1.19	3.72	21.43	
March	1.33	1.39	3.14	2.71	.95	2.18	3.03	.33	1.13	3.26	19.45	
April	2.44	2.33	1.54	1.75	3.17	1.56	2.27	.00	1.88	.86	18.40	
May	3.00	3.39	1.72	.73	.95	.43	2.91	1.54	1.00	1.02	17.29	
June	2.49	2.04	0.87	1.20	2.87	3.23	.59	.59	1.60	.22	15.70	
July	3.48	3.00	1.71	.43	.44	3.30	1.83	1.98	4.02	3.32	23.51	
August	2.94	.94	0.87	2.95	3.07	.17	2.28	1.55	2.69	-	17.46	
September	2.04	3.08	2.48	2.52	3.75	2.69	2.52	1.91	1.56	1.58	24.13	
October	.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	.78	1.15	1.17	8.71	3.33	2.54	5.83	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	294.29	

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

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

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

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

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1936			Freshwater	1 1/4 m	Totland Bay	100 yds

Station No. 600 M.W.R.RAINFALL at Yotland Bay (Deton House)

41

County of HampshireObserver Hotel Pier No. J. Dover M.A.River Basin SalisburyType of Gauge M.A.Annual Average 28.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.29.19 " " " " " 1916-1950File No. 6605.00.26

Diameter	8"											
Height	1'0"											
Altitude	140											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.94	3.52	5.75	2.15	1.31	2.69	3.22		(729)			Totals 29.97
February	3.24	.31	1.04	.63	2.04	2.71	1.16		(150)			18.63
March	3.74	2.87	.77	.25	.84	1.36	6.33		(326)			19.42
April	1.38	1.25	.94	1.67	1.14	2.63	2.03		(495)			15.99
May	1.79	2.74	2.51	.37	1.63	3.37	1.64		(595)			20.00
June	1.00	.65	.85	1.67	2.52	2.94	1.63		(400)			15.26
July	2.45	1.85	3.04	2.63	2.03	1.21	1.07		(500)			20.18
August	3.87	2.50	1.12	4.40	1.68	3.86	1.17		(823)			26.83
September	1.06	2.77	2.25	1.49	2.03	2.97	1.06		(300)			22.60
October	.71	3.93	3.70	3.32	3.11	1.13	1.39		(1210)			29.39
November	2.62	1.12	1.87	5.47	.39	4.30	1.48		(1210)			28.23
December	1.53	3.27	2.63	2.15	5.01	3.15	(3.29)		(444)			30.47
TOTALS	27.33	26.78	36.47	26.20	23.73	32.32	(25.47)		(826)			276.97

1948 Terminated owing to old age & ill health of J. Dover.
 1947 Dec values are from Freshwater sta. No. 601.

Remarks	1910-19	1920-30	1931-40	1941-50
	✓	✓	✓	T 1947
D or d	✓	✓	✓	50° 41' 1" 33'

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No. 40-1000, 322025

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

A.M. Form 1903

Air Ministry, Meteorological Office

RAINFALL at

Totland Bay (Hurst View)

Station No.

600/1

County of

Hampshire

Observer

Capt. F.H. Burnett T.D.

River Basin

Gale 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

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	4.54	3.20	3.49	
February ...		.71	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	1.35	
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	3.35	1.74	3.22	.71	3.33	
July ...		.53	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	8.16	
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	4.95	
TOTALS ...		34.91	22.64	23.67	36.25	28.98	30.91	30.89	37.95	24.94	48.65

G. within a few yds of old site at Ashen House. seen by G. P. averages for.

Inspected 22-1-60 by Mr. H. H. H. G. mounted on post. of S. SE-SSW and W. from 50'-50' SSW 80'-100' SSE
30'-30' SSW-SSW 80'-80' SSE 30'-30' W. Rec. moving 15 yds ENE where site now situated
slightly SE-SSW. Put at 11.

7-7-13

S2 (40) 323867

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference S2 (40) 323867

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

Summary of Earlier Records from 10-year Sheets:

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