

RAINFALL AT Sandown, Freshwater

Lat.

Lon.

County of Isle of Wight

Rain Gauge, by

Observer C. E. Gilchrist Esq

Hd. Sta. No. - 333915

Diameter ..								8'			
Height ..								10			
Altitude ..								15 ft 4.6 m.			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								1.15	1.38	1.24	
February ..								1.48	1.39	.50	
March64	2.71	3.93	
April								3.89	2.38	1.87	
May								2.54	1.84	1.75	
June								1.75	.70	2.98	
July								1.27	1.61	2.21	
August								1.26	2.70	2.78	
September ..								.97	2.01	4.28	
October								6.15	1.59	8.67	
November ..								2.69	1.17	1.35	
December ..								3.47	4.01	4.66	
TOTALS ..								27.36	23.79	35.72	

1907 St John's Church 1500 ft N
 Parson " 1900 " S W
 Sandown Station 2200 " W
 Ocean Hotel 30 ft high 70 ft N.W.

NGR: 82 (40) 600 842

METEOROLOGICAL OFFICE.

RAINFALL

Station Sandown, Ocean Hotel

County HAMPSHIRE I.O.W.

Authority C. E. Gilchrist Esq.

No. 05 - 333915

(Old No. 598-2)

Grid Ref. S2 (40) 600842

Altitude 4.6 m 15 ft.

River Basin COASTAL

Tributary YAR EAST TO MEDINA

File

TF

MWR / m / a

YEAR	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Means
January ...	2.74	1.68	11.48	5.48	.83						
February ...	4.22	1.73	2.63	1.25	5.21						
March ...	1.59	1.95	4.55	3.02							
April ...	1.69	1.43	.05	2.94							
May ...	1.52	1.20	1.12	2.55							
June ...	2.42	1.77	3.78	.78							
July ...	2.74	1.03	1.81	1.24							
August ...	2.74	1.04	6.48	1.52							
September25	1.16	2.53	2.95							
October ...	6.97	5.73	3.84	4.29							
November ...	11.96	6.50	2.99	3.56							
December ...	4.59	7.51	4.00	2.61							
TOTAL, ...	36.43	32.73	38.26	32.19							
Percentage ...	D	D	D	D							

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.

1916-1950 in.

in.

Type and capacity of gauge 8" GLASHER

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M) 1907

*NOTES on years with incomplete or unsatisfactory data:-

*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

METEOROLOGICAL OFFICE.

RAINFALL

Station Sandown, Eastern Gardens
 County HAMPSHIRE I. O. W.
 Authority C. R. Gilchrist Esq.

No. 05- 333916
 (Old No. 598-1)
 Grid Ref. 82 (40) 602844
 Altitude 8m 25 ft.
 River Basin COASTAL
 Tributary YAR EAST TO MEDINA

File

TF

MWR / m / s

YEAR	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Means
January ...						5.34	1.70	1.48	4.03	6.80	
February ...						5.65	4.88	1.14	1.50	2.90	
March ...						5.13	6.69	3.88	3.03	1.26	4.60
April ...						1.30	1.40	.82	2.18	2.15	1.97
May ...						1.38	3.26	1.95	1.36	1.49	.38
June64	1.36	2.48	.84	.97	.80
July ...						3.25	3.01	.63	2.43	2.64	1.45
August ...						1.95	3.25	1.85	1.66	1.85	2.87
September ...						1.39	2.47	2.41	1.33	7.56	1.55
October ...						3.92	2.93	5.06	5.34	2.32	.99
November ...						4.36	3.60	4.58	1.45	2.21	3.55
December ...						10.42	9.06	4.93	1.42	3.72	6.00
TOTAL ...						inc.	42.02	35.17	26.66	31.70	33.86
Percentage ...							D	D	D	D	D

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.

1916-1950 in.

in.

Type and capacity of gauge 8" GLASSHER.

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Earliest year with complete data (D : W : M) 1914

*NOTES on years with incomplete or unsatisfactory data:-

*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

METEOROLOGICAL OFFICE.

RAINFALL

Station Sandown, Sandham Gardens

No. 05- 333914

County HAMPSHIRE

(Old No. 598)

Authority Sandown U.D.C.

Grid Ref. S2 (40) 604846

File

TF

/

MWR

/ m / s

Altitude 4 m 13 ft.

River Basin COASTAL

Tributary YAR EAST TO MEDINA

YEAR	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean
January ...								2.70	5.39	1.22	5.03
February ...								4.28	2.18	1.26	1.19
March ...								3.08	2.73	.16	1.43
April ...								1.85	1.86	.99	2.27
May ...								62	1.37	2.04	2.16
June ...							3.77	2.85	2.55	1.47	.75
July ...							2.25	3.35	2.52	1.54	2.21
August ...							1.55	2.73	2.81	2.09	3.17
September66	6.88	.97	.54	3.72
October ...							3.21	2.10	8.42	4.65	3.78
November ...							6.71	3.23	4.36	7.07	5.86
December48	3.54	3.62	6.39	3.39
TOTAL ...								37.21	38.78	29.42	34.96
Percentage ...							D	D	D	D	D

AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.

1916-1950 in.

in.

Type and capacity of gauge 6" GASHIER

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

1927. Pavilion 30' high 25yds E.

Lodge 25' " 15yds WNW

Dance Hall 30' " 30yds WSW

1929 Insp. 10/7/29

Earliest year with complete data (D : W : M). 1926

*NOTES on years with incomplete or unsatisfactory data:-

*Each note to be dated. Continue notes overleaf if necessary.

Belfast 3/63:500:KW

METEOROLOGICAL OFFICE.

RAINFALL

Station Sandown, Eastern Gardens

County HAMPSHIRE T.O.W.

Authority C.E. Gilchrist Esq.

No. 05- 333916

(Old No. 598-1)

Grid Ref. S2(40) 602844

Altitude 25 ft. 8 m.

River Basin COASTAL

File TF / MWR / m / a Tributary YAR EAST TO MEDINA

YEAR	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
January ...	4.88	3.98	5.04	1.55	3.02	4.61	3.79				
February82	.32	3.80	5.64	.55	4.10	2.74				
March ...	2.21	1.55	2.69	2.33	2.04	.56	.38				
April ...	3.29	1.28	3.79	3.80	2.99	2.46	3.14				
May ...	1.58	1.50	.79	3.33	3.73	3.27	1.94				
June ...	2.40	.08	1.67	.45	1.52	.00					
July ...	5.17	.32	3.18	1.02	2.73	2.90					
August ...	1.33	2.62	2.69	2.51	3.07	4.00					
September ...	2.31	.95	2.04	2.97	4.94	2.57					
October ...	2.38	1.62	1.26	7.69	5.22	3.08					
November ...	2.02	2.17	2.32	2.38	1.91	3.06					
December ...	3.46	2.36	4.53	4.40	3.74	3.75					
TOTAL ...	31.85	18.75	33.80	38.07	35.46	34.56	24.56				
Percentage ...	D	D	D	D	D	D	D				

AVERAGE ANNUAL RAINFALL

Actual Estimated from data for:-

1881-1915 in.

1916-1950 in.

in.

Type and capacity of gauge GLASHER 8"

*NOTES on unorthodox equipment or exposure, inspections, changes of equipment, site or altitude:-

Insp. April 1922. Gauge sound. Slightly dented on esplanade facing library. Open position but rain may be lost thro' edging.

Earliest year with complete data (D : W : M)-

*NOTES on years with incomplete or unsatisfactory data:-

*Each note to be dated. Continue notes overleaf if necessary.

RAINFALL at Sandown (Sandham Gdns.) M.W.R.

County of Hampshire

Observer Sandown U.D.C.

River Basin Isle of Wight I

The Down Clerk

Type of Gauge M.O. old type

8" No. 21737

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

Diameter	8														Total 15 Means
Height	10														
Altitude	13														
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940					
January	2.39	3.03	2.44	2.64	2.39	5.20	5.80	2.88	5.14	2.87	2.87	3.484			
February	2.16	.06	3.26	.01	3.94	2.72	5.69	.93	1.20	4.20	4.20	2.427			
March	1.17	1.40	3.01	2.82	1.01	2.20	3.97	.27	1.36	3.42	3.42	2.063			
April	3.16	3.06	0.86	2.26	3.43	1.70	2.34	.08	2.86	.73	.73	2.047			
May	3.83	4.68	2.29	1.22	1.10	.16	1.75	1.18	1.58	.82	.82	1.861			
June	1.76	1.96	0.76	.99	1.89	5.14	1.03	.31	1.42	.20	.20	1.546			
July	3.35	2.73	1.31	.60	.78	3.68	1.64	1.56	2.96	2.85	2.85	2.136			
August	4.37	.90	1.09	2.29	4.34	.26	1.13	1.48	1.04	.04	.04	1.694			
September	1.86	3.28	4.08	2.35	3.92	2.59	2.62	1.48	.95	1.98	1.98	2.501			
October	.74	6.97	2.76	2.00	4.72	1.13	2.40	3.99	7.83	4.34	4.34	3.688			
November	4.34	2.96	0.96	3.92	8.39	5.52	1.87	4.63	7.67	9.24	9.24	4.950			
December	.88	1.51	0.76	9.64	3.86	2.46	5.78	2.37	2.10	2.34	2.34	3.170			
TOTALS	30.01	32.60	23.68	30.63	39.77	32.76	35.92	21.16	36.11	33.03	33.03	31.567			

1931 Inspection 30/12/31 by H.F. Jackson
 1935 " 17/6/35 - site & g. satisfactory
 " 23/10/36. No change.

Hgt. Sta. No. 333914
 alt. 13ft. 4m
 NGR. 82 (40) 604846

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

Station No. 59500.W.R.

RAINFALL at Sandown (Sandown, Isle of Wight).

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County of Hampshire.

Observer Name: John T. Poulter

River Basin Isle of Wight.

Carter and Franklin M.R.C. (1950)

Type of Gauge M.O. (std. type S) New H.Q. 13/7/37.

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

Ref.

" 30.9 in computed by historical (1936) ref 51285/36 File No.

Diameter	5"	8"			3.33	9.14						
Height	1'	0"				1						
Altitude	13'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.97	3.98	4.99	2.11	1.66	2.58	3.03	5.21	1.25	1.20		29.98
February	2.70	.21	1.71	.70	2.09	3.07	1.54	1.32	.97	5.45		19.76
March	3.63	2.70	.78	.15	.78	1.26	6.96	.61	1.51	1.40		19.68
April	1.25	1.58	.89	1.45	1.41	2.85	1.96	1.61	.84	2.20		16.04
May	2.01	3.31	2.07	.34	1.59	2.56	1.28	2.71	1.19	1.58		18.64
June	.80	.62	1.11	1.50	1.96	2.46	1.45	1.31	.48	1.50		13.20
July	2.16	2.01	3.71	3.12	3.45	2.11	1.88	1.17	.18	4.04		23.83
August	3.87	3.26	.83	2.25	2.23	3.78	.83	3.49	1.13	3.97		25.64
September	1.01	2.90	1.52	1.79	1.92	2.76	1.29	1.59	2.75	3.19		20.72
October	1.05	3.68	3.28	4.97	3.24	.78	1.45	2.27	8.77	.85		30.34
November	2.64	1.12	1.71	5.19	.40	1.96	1.84	1.92	3.55	5.88		27.21
December	1.83	3.75	2.62	2.29	4.54	3.15	3.50	3.98	2.87	3.11		31.64
TOTALS	26.82	29.13	25.22	25.86	25.27	32.32	27.01	27.19	25.49	34.37		278.67

Incepted 8.8.48 by Mr. R. T. Poulter Gauge + site satisfactory Observer good.

1948. Four hedges 4' high 15° N.E & S.E., 20° SW, 30° N.W.

Incepted Mr. Livett. 19.4.49. Site satisfactory. Gauge in poor condition - badly cracked and leaking. Replacement recommended. Observer New gauge supplied 4.18.49.

25/5750. Rep. Mr. R.H. Pedder. Satisfactory.

1949 25' Bungalow 30' N 5' Hedge 25'-30' E, S, N.W.

* Loft about 3 m high

alt 13 ft 4 m.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series, No. of Map Reference No. S2(40) 604846

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1948			Sandown	1/2 mile	W.	St. John's	1/2 mile	W.

333914

Station No. 598

M.W.R

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RAINFALL at SANDOWN (SANDHAM GARDENS)

County of HAMPSHIRE

Observer T. (Kewin Clark)

River Basin ISLE OF WIGHT - 1

Sandown & Shanklin W.C.

Type of Gauge M.O. 2223/3843 + MKII
73.2.14.4

Annual Average... in. based on... years obs. un-weighted. Period of average... Ref.
 " 30.9 " computed by Mr. Cornish (1926) Left 061249/26 " 1916-1950 P
 " 30.96 " based on 30 yrs. 1927-1956 File No.

Diameter	5"				333	914						
Height	1' 0"						1					
Altitude	13'						51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	TOTALS
January	4.36	3.12	.92	1.91	3.38	4.49	2.18	4.46	3.43	4.12		32.37
February	7.11	.65	1.43	3.50	1.91	.06	4.46	2.67	.23	2.72		24.74
March	4.12	3.26	.27	2.97	1.03	.24	1.72	1.19	2.14	2.50		19.44
April	2.39	1.59	1.24	.24	.26	1.50	.13	.39	2.32	0.99		11.05
May	2.03	1.69	2.30	2.49	3.38	.29	.66	2.85	.47	1.74		17.90
June	.80	1.00	2.12	2.32	3.45	2.14	2.12	2.31	.59	1.57		13.62
July	1.34	.58	3.03	3.68	.32	2.00	4.20	1.20	2.01	2.85		21.24
August	4.27	2.21	1.34	2.63	1.48	3.67	2.92	2.83	2.21	4.53		22.00
September	3.62	4.85	3.18	2.46	2.39	3.33	3.58	3.52	.17	4.82		31.92
October	1.45	4.15	2.84	2.66	1.86	1.19	2.58	2.16	3.48	7.03		29.90
November	7.40	4.91	1.52	5.63	1.43	.79	2.67	1.90	3.58	6.71		36.66
December	2.93	3.09	.43	3.78	5.21	4.98	2.68	4.13	8.71	5.45		41.69
TOTALS	41.82	31.10	20.92	34.17	26.10	24.68	29.90	29.61	26.84	45.03		313.17
	D	D	D	D	D	mp low	D	D	D	D		

W.M. H. Wadsworth 15.5.53 Salinity in gauges in front. Bungalows, 30° N.W.

Inst. H. Garnett 14.5.59 Outer can deleted & Leaking - replacement recommended.

Bungalows to NW.

Exp. Sal generally NW. Bungalows 30° NW

T. 1959 New MKII gauge installed.

1958 mp low.

alt. 13 ft 4 m.

40/602844

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference H01/999999

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Sandown	4 1/2 m.	W.	St. John	N.E. 1/2 m. W.

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
		/	/	/	/	/