

## RAINFALL AT

Sandown, Free Lighthouse

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	
March ....								.64	2.71	3.93	
April .....								3.89	2.38	1.37	
May .....								2.54	1.84	1.75	
June .....								1.75	.70	2.98	
July .....								1.37	1.61	2.21	
August ....								1.26	2.70	2.78	
September..								.97	2.31	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	

S S S

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

NGR: S2 (40) 600 842

## RAINFALL

Station Sandown, Ocean Hotel  
 County HAMPSHIRE I.O.W.  
 Authority C.E. Gilchrist Esq.

No. 05 - 323915  
 (Old No. 598-2)  
 Grid Ref. S2 (40) 600842  
 Altitude 4.6m 15 ft.  
 River Basin COASTAL  
 Tributary VAR EAST TO MEDINA

File \_\_\_\_\_ TF \_\_\_\_\_ / MWR / m / a Tributary \_\_\_\_\_

YEAR	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Means
January ...	2.74	1.68	4.48	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							
September ...	.25	1.16	2.53	2.95							
October ...	6.97	5.73	3.84	4.29							
November ...	4.96	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	S	D							

## AVERAGE ANNUAL RAINFALL

Actual

Estimated from data for:-

1881-1915 in.

1916-1950 in.

in.

Type and capacity of gauge 8" GLAISHER

\*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

## RAINFALL

Station Sandown, Eastern GardensCounty HAMPSHIRE I.O.W.Authority C. E. Gilchrist Esq.No. 05-333916(Old No. 598-1)Grid Ref. 82 (40) 602844Altitude 8m 25 ft.River Basin COASTALFile \_\_\_\_\_ TF \_\_\_\_\_ / MWR | m | a Tributary YAR EASE TO MEDINA

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	.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	
June ...					.64	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	4.66	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" GLASSER.

\*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:-



## METEOROLOGICAL OFFICE.

## RAINFALL

Station Sandown, Sandham GardensCounty HAMPSHIREAuthority Sandown U.D.C.No. 05-333914(Old No. 598)Grid Ref. SZ (40) 604846Altitude 4 m 13 ft.River Basin COASTALFile \_\_\_\_\_ TF \_\_\_\_\_ / MWR / m / a Tributary YAR EAST TO MEDINA

YEAR	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
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
September ...							.66	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
December ...							.48	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 8" GAISHNER

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

1927. Pavilion 30' high 25yds E.Lodge 25' " 15yds WNWDance Hall 30' " 30yds WSW1929 Insp. 10/7/29Earliest 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

## RAINFALL

Station Sandown, Eastern GardensCounty HAMPSHIRE I.O.W.Authority C. E. Gilchrist Esq.No. 05- 333916(Old No. 598 -1)Grid Ref. S2 (40) 602844Altitude 25ft 8mRiver Basin COASTALFile \_\_\_\_\_ 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	4.51	3.79				
February...	.82	.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	24.56	ans.				
Percentage	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 GLAISHER 8"

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

*Insp. April 1920. Gauge sound. Slightly dented on esplanade facing library. Open position but rain may be lost thro' eddyng.*

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.

Belfast 3/63:500:KW



RAINFALL at Sandown (Sandham Gdns) M.W.R.County of Hampshire Observer Sandown U.D.C.River Basin Tale of Wight I The Dorset CreekType of Gauge M.O. old type 8" No. 212127

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

Diameter	8					8"	5"				
Height	1 0					1' 0"					
Altitude	13					13'					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals Means
January	2.39	3.09	2.44	2.64	2.39	5.20	5.80	2.88	5.14	2.87	3484
February	2.16	.06	3.36	.01	3.94	2.72	5.69	.93	1.20	4.20	2427
March	1.17	1.40	3.01	2.82	1.01	2.20	3.97	.27	1.36	3.42	2063
April	3.16	3.06	0.86	2.25	3.43	1.70	2.34	.08	2.86	.73	2047
May	3.83	4.68	2.29	1.22	1.10	.16	1.75	1.18	1.58	.82	1861
June	1.76	1.96	0.76	.99	1.89	5.14	1.03	.31	1.42	.20	1546
July	3.35	2.73	1.31	.60	.78	3.68	1.64	1.56	2.96	2.85	2136
August	4.37	.90	1.09	2.29	4.34	.26	1.13	1.48	1.04	.04	1694
September	1.86	3.28	4.08	2.35	3.92	2.59	2.52	1.48	.95	1.98	2501
October	.74	6.97	2.76	2.00	4.72	1.13	2.40	3.99	7.83	4.34	3688
November	4.34	2.96	0.96	3.92	8.39	5.52	1.87	4.63	7.67	9.24	4950
December	.88	1.51	0.76	9.64	3.86	2.46	5.78	2.37	2.10	2.34	3170
TOTALS	30.01	32.60	23.68	30.63	39.77	32.76	35.92	21.16	36.11	33.03	31567

1931 Inspection 20/12/31 by H.F. Jackson  
 1935 " 17/6/35 sat. & g. satisfactory  
 " 23/10/36. No change.

Hyd. Sta. No. 333914  
 alt 13ft 4in  
 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

## RAINFALL at Sandown (Sandham Lyons)

41

County of Hampshire

Observer

The Town Clerk

River Basin Isle of Wight

Sandham and Sandham H.D.C. (1950)

Type of Gauge M.O. (old type 9) No. 109/13/737

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

" 30.9 in computed by K. Hornich (1936) - 561. 10/10/50

File No.

Diameter	5" 8"				333	914						
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	3.53	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	.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	4.96	1.84	1.92	1.55	5.88		29.21
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

Inspected 8.8.48 by Mr. R. H. Poulter gauge &amp; site satisfactory Observer good.

1948. Four hedges 4' high 12' N.E. &amp; S.E., 20' S.W., 20' N.W.

Inspected Mr. Liddell, 19.4.49. Site satisfactory. Gauge in poor condition - badly oriented and leaking.

Replacement recommended. Observer Not gauge supplied 14.11.49.

25/5/50. Insp. Mr. R. H. Poulter. Satisfactory.

1949 25' Bungalow 30' N 5' Ridge 25' 30' E, S, &amp; W.

\* Looks about 3 in high

alt 13 ft 4 in.

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

No. of Map.....

Reference No. 52(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. Johns	1/2 mile	W.

BRITISH RAINFALL ORGANIZATION

Station No. 598

M.W.R.

## RAINFALL at SANDOWN (SANDHAM GARDENS)

51

County of HAMPSHIRE

Observer J. K. (A. W. C. H. K. S.)

River Basin. ISLE OF WIGHT - 1

Sandown &amp; Shanklin voc.

Type of Gauge M.O. 2223/38/03 + MKII.

Annual Average in based on years obs. un-weighted. Period of average 1916-1950 Ref. P

" 30.9 " computed by Mr. Cornish (1918) lat 50.245/16 " 1916-1950

" 30.36 " 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		18.42
July	1.34	.58	3.03	3.68	.32	2.00	4.20	1.20	2.01	2.85		21.21
August	4.27	2.21	1.34	2.63	1.48	3.67	2.92	2.83	2.21	4.53		28.00
September	3.62	4.85	3.18	2.46	2.39	3.33	3.58	3.52	.17	4.42		31.92
October	1.45	4.15	2.84	2.66	1.86	1.19	2.58	2.16	3.98	7.03		29.90
November	7.40	4.91	1.52	5.53	1.43	.79	2.67	1.90	3.58	6.71		36.44
December	2.93	3.09	.73	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	21.61	28.84	45.03		313.17
	D	D	D	D	D	np low	D	np	D	D		

Wp. 11 Wadsworth 15.5.53. Slightly on quies in front. Bunglows, 30' N.W.

Insp. H. Garnett 14.5.57. Outcrop dated a leaking - replacement recommended.

Exp. Sal. generally W. Bunglows 30' NW

Bunglows 30' NW

† 1959 New MKII gauge installed.

1938 np low.

alt. 13 ft 4 in.

4 6  
40/602844

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

40/602844

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Sandown	1/2 m. W.	St. John's	Varied. 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
	✓	✓	✓	✓	
	✓	✓	✓	✓	