

RAINFALL AT Southampton Thornhill Park

Lat.

Lon.

County of

Hants

Rain Gauge, by

Observer

G. F. Willans

Diameter										5
Height										110
Altitude										220
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January										3.19
February										2.50
March71
April										2.86
May96
June										1.32
July										2.19
August58
September										2.90
October										2.30
November										5.26
December										1.53
TOTALS										26.30

Westend Church 1 mile N. N.W.

House 30 ft high 45° N

RAINFALL AT Southampton福斯林公園

Lat. Lon. County of Hampshire
 Copper Rain Gauge, by A & N Co. Ltd. Observer Col F. Williams

Diameter ..	5											
Height	1.10							1.8				
Altitude ..	220 T											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.85	1.24	.95	2.12	3.81	.89	7.34	.87	1.56	.93	2.256	
February ..	4.55	1.35	1.76	1.65	8.31	.68	2.84	1.27	1.17	.21	1.879	
March ..	1.24	1.78	1.96	2.99	1.36	3.96	1.48	.48	1.92	3.43	2.060	
April ..	1.34	1.99	1.64	2.68	1.41	1.48	.87	4.06	.55	1.17	1.719	
May ..	1.18	1.34	2.75	2.78	3.85	.44	1.82	2.30	2.90	1.48	2.084	
June ..	2.91	1.69	3.56	3.64	1.35	4.35	1.62	1.43	.58	5.54	2.667	
July ..	1.48	3.52	1.68	2.79	1.87	.23	.96	1.29	1.31	2.28	1.741	
August ..	2.72	2.19	3.97	3.93	3.22	3.26	1.31	1.56	3.97	1.93	2.806	
September ..	.36	2.08	.90	2.12	1.96	1.81	.86	.28	1.61	3.84	1.582	
October ..	2.50	2.71	1.90	9.51	2.08	2.05	5.77	7.00	1.45	7.87	4.284	
November ..	2.89	.41	3.26	1.54	1.00	3.83	3.90	2.46	1.36	.55	2.120	
December ..	3.17	3.97	1.57	2.61	2.89	.63	1.85	3.91	2.65	3.45	2.670	
TOTALS ..	27.19	24.27	25.90	38.36	28.11	23.61	30.62	26.91	21.03	32.68	27.868	✓

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1900 Westend church 1 mile N

House 30 ft high 30 ft N E

1907 Brothers Station 2 miles W

RAINFALL at Southampton (Portsmouth District)

County of Hampshire, 5.

Observer

River Basin Itchen & Testhead 5

J. A. Crowther Esq. C.E.

5' Rain Gauge, by R.G.

Diameter ...										5"	
Height										2.0	2.6
Altitude ...										10.0D	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...										1.14	3.99
February ...										1.16	1.67
March										3.45	1.08
April										2.39	2.45
May										1.95	1.47
June										3.86	1.00
July										3.28	5.15
August										5.04	2.67
September...										1.62	5.67
October ...										4.91	1.46
November ..										.84	2.72
December...										1.12	2.58
TOTALS ...										30.76	31.91
											31.95

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

RAINFALL at Southampton Fonthill Park

County of Hampshire

Observer Mr G. Busby

River Basin Itchen Spithead 5

Rain Gauge, by

Diameter ...	5										MEANS.
Height	1.8										
Altitude ...	220 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	2.98	1.19	4.22	5.80							
February ...	3.26	1.65	2.62	1.24							
March87	2.60	4.33	3.37							
April	2.43	1.99	.08	3.22							
May	1.45	2.40	1.01	2.99							
June	3.19	1.80	4.17	.61							
July	2.28	.08	3.37	1.40							
August	2.03	.81	6.15	2.50							
September ..	.15	1.07	2.56	2.98							
October ...	4.06	4.19	3.68	4.82							
November ..	3.27	4.85	2.05	3.84							
December ...	4.44	9.65	4.40	2.12							
TOTALS ...	30.41	32.34	38.64	34.89	N.R.						

1910 House 40 ft high 25 ft N
1911 Jan 1st Gauge moved 150 yds E
Oak 40 ft high 50 yds E + S 45°

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910			Bitterne R.	2 miles	S W	Westend	1 mile	N

Southampton

b93
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RAINFALL at Portwood

County of Kenpoge, Observer J. C. Croother (Resigned)
River Basin 5. Itchen & Spithead S. G. Planton (Resigned) (1928)
Glasier Rain Gauge, by

Diameter ...	5										
Height	2.0		1.9								
Altitude ...	10		15-25								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.	
January ...	2.86	3.48	4.82	1.54	2.79	4.32	5.08	2.51	5.56	1.31	4.90
February53	.29	3.42	5.90	.36	4.70	2.08	4.34	2.39	1.16	1.19
March 2.13	1.11	2.24	2.05	1.43	.39	.56	3.76	3.27	.12	1.49	
April	2.25	1.03	3.44	3.17	3.20	2.73	3.16	1.83	1.91	1.02	2.74
May	1.49	1.23	.75	1.58	3.86	3.56	1.68	.74	.83	1.62	2.10
June	2.28	.10	1.53	.35	2.63	.05	2.89	2.45	2.07	1.27	.50
July	4.27	.63	4.38	.99	3.31	2.89	1.51	2.67	1.70 (0.06)		1.89
August	1.58	2.20	3.40	2.34	2.46	3.70	1.08	4.34	2.65	1.69	4.45
September...	1.92	.64	1.60	1.88	5.29	3.03	.42	6.04	1.14	.28	3.16
October.....	2.09	1.35	1.30	5.69	4.61	14.03	2.60	1.93	6.90	4.01	1.95
November...	2.38	2.23	2.28	1.75	3.17	2.95	7.01	3.04	2.02 (7.58)		5.54
December...	2.95	1.68	5.53	3.26	6.42	3.69	.36	3.71	2.44	7.45	4.24
TOTALS...	29.83	15.96	34.69	30.50	39.53	36.04	28.43	37.35	33.18 (29.57)		34.15

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	Parish Church.	Distance from gauge	Direction
1924			St. Denys					
1924			...	½ m	S.W.	St. Denys	¾ m	S.

RAINFALL at Southampton (Portsmouth)

County of Hampshire Observer S. G. Stanton, Esq., C.E.

River Basin Itchen + Spithead 5

Type of Gauge Glashant

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

Ref.

663353/26

Diameter	5	Height	19	Altitude	10	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Total
January	2.30	3.21	(2.00)	1.30	2.04	7.5	6.46	6.10	3.35	5.33	3.29	33.86					
February	2.19	.02	3.22	.05	3.49	2.96	4.70	.58	1.22	2.68	21.19						
March	.87	1.48	2.99	2.99	.86	2.25	3.16	.29	1.24	3.36	19.50						
April	2.95	2.68	0.84	1.72	3.03	1.92	1.71	.02	1.70	1.07	19.70						
May	2.86	5.31	1.74	.76	1.07	.42	2.78	1.95	1.04	.21	18.14						
June	2.97	1.87	(1.60)	1.55	1.33	4.18	2.95	1.62	.53	1.93	.18	19.16					
July	2.74	3.16	1.48	1.60	1.76	3.89	1.18	2.91	3.94	3.54	26.22						
August	5.69	1.25	0.81	4.07	2.59	.34	1.27	2.12	1.91	(05)	20.10						
September	1.57	3.34	3.04	1.45	3.79	3.98	1.36	1.29	1.10	(1.80)	22.88						
October	.55	5.69	(1.80)	1.47	1.55	5.09	1.74	3.45	3.45	4.77	(4.25)	32.34					
November	3.68	1.46	0.56	2.32	7.91	3.93	2.28	5.02	5.86	8.24	41.26						
December	.55	.78	0.63	8.26	3.87	3.45	3.83	(3.92)	1.69	(2.40)	29.38						
TOTALS	28.92	30.25	19.63	28.04	38.39	33.29	33.47	25.43	31.73	(31.07)	301.73						

1932. No buildings within 30 yards.

Record from about Nov. 1932 was too low.
Gauge, which was raised on a pedestal, lowered to 1 ft. on an open adjoining site VI 3/4 * Dropped from 6.89
1933. Low. n/a.

1934 June gauge moved to open adjoining site & set up 1' above ground.

1937. Low. n/a.

1938 Dec. adjusted downwards.

1940 Jan. Aug. Sept. Oct. Nov. Dec. part lost.

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
1931.			St. Denys	½ m.	S.W.	St. Denys	¾ m.

Station No. b93

RAINFALL at Southampton (Portsmouth)

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County of Hampshire

Observer S. J. Slatton, Esq. C.E.

River Basin Stichem & Spithead 5

Borough Engineer, Southampton

Type of Gauge hydrometer

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

" " 297 computed by hut Cornish (1936) File No. 663353/2.b.

Diameter	5"			326	113						
Height	1' 10"					1					
Altitude	10'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(3.50)	3.53	5.59	2.25	1.48	2.51	2.79	5.29	.67	.76	28.37
February	3.28	.63	1.05	.39	1.97	2.62	1.01	.93	1.37	5.27	18.52
March	3.94	2.52	.63	.18	.59	.70	6.03	.85	1.48	1.63	18.55
April	1.32	1.84	.82	1.60	.94	2.64	2.09	1.72	1.70	2.91	14.38
May	3.63	2.90	3.15	.48	2.95	3.91	1.13	2.84	2.54	1.37	24.30
June	1.45	.39	1.22	1.90	2.11	3.71	1.35	2.25	.48	1.68	16.54
July	1.37	1.57	2.05	2.44	2.42	.96	.84	.54	.28	4.37	16.84
August	2.91	3.38	1.44	2.03	1.10	3.53	.92	3.71	.72	4.37	24.17
September	.40	2.28	1.64	1.44	1.66	3.76	1.20	2.86	2.59	3.82	21.65
October	.92	3.69	3.62	3.83	3.03	1.36	1.26	1.86	3.18	.57	28.32
November	2.27	1.35	1.27	5.37	.35	5.16	1.29	1.55	3.69	6.25	28.55
December	2.10	3.71	2.13	1.32	3.65	3.34	2.39	4.91	1.42	1.79	26.76
TOTALS	27.09	27.79	24.61	23.13	21.65	34.20	22.30	29.37	25.72	34.69	269.95

1941. No Buildings erected within 30yds.

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	Parish Church.	Distance from gauge
1941			St. Denys	1/2 m.	SSW	St. Denys	3/4 m. S.

BRITISH RAINFALL ORGANIZATION

Station No. 693

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RAINFALL at Southampton (Portsmouth)

County of Hampshire

Observer Borough Engineer

River Basin Itchen and Spithead S

Southampton

Type of Gauge. Glass B.A.

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

Ref.

- - 29.7 in computed by Mr Cornish (1936) File No. 663353/26

ref. 561245/36

" "	29.75	in. based on	16 years obs. within 1935-56.		Period of avg	1916-1950.	Ref. 5				
Diameter	5"			326	113	5"					
Height	1' 10"				1	1' 0"					
Altitude	10'				5'	15'					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.91	1.83	1.04	(1.89)	(3.57)	4.84	2.75	4.60	3.60	3.91	30.94
February	6.18	.64	1.34	2.97	(1.96)	.08	4.10	2.83	.10	2.82	23.02
March	4.01	2.53	.61	2.38	1.14	.65	2.04	1.72	3.80	1.70	20.58
April	8.71	1.72	1.47	.22	.29	1.97	.09	.82	2.72	1.11	13.12
May	2.54	2.75	2.51	1.92	3.88	.22	1.45	2.18	.49	1.34	19.28
June	1.17	1.20	2.13	3.43	2.40	1.97	1.51	3.70	.95	2.58	21.09
July	2.21	.18	4.47	2.52	2.36	2.20	4.41	1.70	2.12	3.90	26.07
August	4.53	3.78	1.64	4.53	1.09	3.08	3.63	4.73	1.92	5.97	34.90
September	3.32	3.65	3.29	2.83	1.63	2.76	2.88	5.31	.04	4.40	31.11
October	.82	5.10	5.92	2.77	4.52	2.61	2.46	3.17	2.71	7.91	37.99
November	4.43	3.69	1.32	4.71	2.80	.81	2.89	2.91	3.63	4.90	37.15
December	2.44	2.80	1.37	2.57	4.30	5.49	2.39	4.62	6.54	3.54	35.58
TOTALS	42.2	29.37	27.11	32.74	(29.94)	27.73	30.60	38.32	28.62	44.09	330.83
	D	D	D	D	D	D	D	D	D	D	D

(25% allowance made for snow.)

Inspected 12.11.59 by Mr H. H. Hunter. Site poor with concrete edge of filter tank 3' at 6° N. = the temporary obstruction 4'-6" NW.
New site re- - open and all the all direction. Bush 20'-60' NW.

600004

(41)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference S.U. 14340446

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			St. Denys	Y.m. S.SW.	St. Denys	3/4m E

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		c 1917	✓	✓ NP 33137	✓	
		-	- 6m & D 24-30	✓ b.s.d 32,40	✓ b.s.d. 42,43,45	