

RAINFALL AT

Southampton Thornhill Park

Lat. _____

Lon. _____

County of _____

Hants

Rain Gauge, by _____

Observer _____

Col F. Willan

Diameter . . .											5	
Height											1 10	
Altitude . . .											220	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . .											3.19	
February . . .											2.50	
March . . . .											.71	
April											2.86	
May . . . . .											.96	
June											1.32	
July											2.19	
August . . . .											.58	
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 ft N

RAINFALL AT *Southampton Franklin Park*

Lat. Lon. County of *Hampshire*
Copper Rain Gauge, by *A. N. S. S. Co.* Observer *Col. F. Willan*

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	3.31	.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	4.281
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	27.88

1900 Westend Church 1 mile N
 House 30 ft high 30 ft NE
 1907 Bittern Station 2 miles W

RAINFALL at Southampton (Portsmouth District)

County of Hampshire, S.

Observer

J. A. Crowther, Esq. C.E.

River Basin Itchen & Sparhead S

5' Rain Gauge, by H.S.

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	4.73	
February ...								1.16	1.67	3.09	
March								3.45	1.08	4.83	
April								2.39	2.45	2.28	
May								1.95	1.47	.52	
June								3.86	1.00	.75	
July								3.28	5.15	1.52	
August								5.04	2.67	2.87	
September...								1.62	5.67	2.56	
October ...								4.91	1.46	.72	
November ..								.84	2.72	2.46	
December...								1.12	2.58	5.60	
TOTALS ...								30.76	31.91	31.95	

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

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RAINFALL at Southampton Thornhill Park

County of HampshireObserver Mr G. BusbyRiver Basin Itchen + Spithead 5

Rain Gauge, by _____

Diameter ...	5										
Height	1 8										
Altitude ...	220 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.98	1.19	4.22	5.80							
February ...	2.26	1.65	2.62	1.24							
March .....	.87	2.60	4.33	3.37							
April	2.43	1.99	.08	3.22							
May	1.45	2.43	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	9.68	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 house 50 yds E + S

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

Southampton

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20RAINFALL at PortsmouthCounty of HampshireObserver J. A. Crockett (Boreham)River Basin S. Itchen & SpitheadS. Stanton (Boreham) (1920)Glaisher Rain Gauge, by _____

Diameter ...	5										
Height	2.0			1.9							
Altitude ...	10			15.33							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	2.86	3.48	4.12	1.54	2.79	4.32	5.08	2.51	5.56	1.31	4.90
February ...	.53	.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	.59	.56	3.75	3.27	.12	1.49
April	3.35	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	(2.06)	1.89
August	1.52	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	3.09	1.35	1.30	5.69	4.61	4.03	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	2.74	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 } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1924			St. Denys					
1926			...	1/2 m	S. W	St. Denys	1/4 m	S

RAINFALL at Southampton (Portswood)

County of HampshireObserver S. G. Stanton, Esq., C.E.River Basin Itchen + Spithead 5Type of Gauge Glaisher

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

663353/26

Diameter	5											
Height	19						1.0			1.10		
Altitude	10											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Total
January	2.30	3.21	2.00 (2.00) 1.30 (3.30)	2.04	.75	5.46	6.13	3.35	5.33	3.29	33.86	
February	2.19	.02	3.22 (3.00)	.05	3.49	2.96	4.70	.58	1.22	2.68	21.19	
March	.87	1.48	2.99 (0.40)	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	17.70	
May	2.86	5.31	1.74 (1.60)	.76	1.07	.42	2.78	1.95	1.04	.21	18.14	
June	2.97	1.87	1.55 (1.60)	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	26.32	
August	5.69	1.25	0.81 (3.30)	4.07	2.59	.34	1.27	2.12	1.91	(.05)	30.10	
September	1.57	3.34	3.04 (1.80)	1.45	3.79	3.98	1.36	1.29	1.10	(1.80)	22.88	
October	.55	5.63	1.47	1.55	5.09	1.74	3.45	3.45	4.77	(4.25)	32.34	
November	3.68	1.46	0.50	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 (21.14) 663353	28.04	38.39	33.29	33.47	25.43	31.73	(31.07)	301.73	

1932. No buildings within 30 yds.
 Gauge from about Nov. 1932 was too low.
 Gauge, which was raised on a pedestal, lowered to 1 ft. on an open adjoining site.

1934 June gauge moved to open adjoining site & set up 1' above ground.
 1937 low n.p.
 1938 Dec. adjusted for snow.

1940 Jan. Aug. Sept. Oct. Nov. & Dec. part est.

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

Station No. b93RAINFALL at Southampton (Portsmouth)

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County of HampshireObserver S. J. Spanton Esq. C.E.River Basin Orkney SpitheadBorough Engineer, SouthamptonType of Gauge Lloyd's

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

" " 29.7 computed by Mr Cornish (1936) File No. bb3353/21

Diameter	5"				326	113						
Height	1'0"					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	1.50	.94	2.64	2.09	1.72	1.70	2.91	17.38	
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	8.18	.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	25.12	34.69	269.95	
	d	d	d	d	d	d	d	d	d	d	d	

1941. No Buildings erected within 30 yds.

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

BRITISH RAINFALL ORGANIZATION

Station No. 693

RAINFALL at Southampton (Portsmouth)

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County of Hampshire

Observer Borough Engineer

River Basin Itchen and Spithead S

Southampton

Type of Gauge ~~Standard~~ 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 obs. 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	(1.39)	(3.51)	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	2.71	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	3.48	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	3.76	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	2.30	1.37	2.57	4.30	5.48	2.39	4.63	6.54	3.54	35.58
TOTALS	42.27	29.37	27.11	32.79	(29.94)	27.73	30.60	38.32	28.62	44.08	330.83
	D	D	D	D	D	D	D	D	D	D	

354 Junction post/w/ for road.

Inspected 12.11.59 by Mr. J.H. Butler. Site poor with concrete edge of gutter tank 3" at 6" W. other temporary obstruction 4'-6" NW.
New site rec. - open and all file all directions. Bush 20'-60" NW.

60004

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Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 511234/46

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.
1951			St. Denys	1/2 m.	S.S.W.	St. Denys	3/4 m E

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	a 1917	✓	✓ NP 33,37	✓	
	-	- but D 24-30	✓ but 32,40	✓ but 2, 49, 42, 45	