

652 (693/2)

RAINFALL AT Southampton Common ReservoirLat. 50° 54' 18"Lon. 1° 12' 0"County of Hampshire

Rain Gauge, by

Observer

W. Matthews Esq. C.E.Monthlyand H. Roberts Esq. C.E.

Diameter ..				5							
Height ...				10							
Altitude ..				193				π			
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				2.35	3.50	.83	6.82	.67	1.22	.74	
February ..				1.55	2.80	.55	2.55	1.33	1.10	.12	
March ....				3.48	.95	2.80	.98	.67	2.27	2.99	
April .....				2.99	1.02	1.39	.70	3.85	1.70	.99	
May .....				2.45	2.17	.44	1.92	2.55	1.48	1.15	
June .....				3.50	1.00	2.38	1.48	1.40	.45	4.40	
July .....				3.10	1.39	.20	.83	1.11	1.30	2.41	
August ....				3.16	1.84	2.95	1.19	1.42	4.41	2.01	
September ..				2.55	1.83	1.82	.77	.27	1.83	3.35	
October ....				7.59	2.20	1.70	5.48	6.74	1.53	7.41	
November ..				1.50	.93	2.60	3.73	2.27	1.01	.44	
December ..				2.23	3.00	.65	1.47	2.34	2.29	2.10	
TOTALS ..				36.45	22.66	18.31	27.92	24.62	20.59	28.11	

1903 Jan 7<sup>th</sup> Gauge moved from Otterbourne Hill Res

Highfield Church 3/4 mile E.S.E

St. Dennis Station 1/4 " S.E

Raining 7 ft high 50 ft all round

1904 Annual Sheet Not printed

1905 Not printed

# RAINFALL at Southampton Common Res

County of Hampshire

Observer C. N. Roberts Esq CR

E. C. Rodda Esq CR

River Basin Test & Solent 4

Rain Gauge, by

M

Diameter ...	5										
Height .....	1.0										
Altitude ...	190K										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.50	1.11	3.65	5.24	.76	4.63	1.68	1.50	2.71	5.00	
February ...	3.03	1.75	2.47	1.37	4.92	5.59	5.46	1.18	.96	3.03	
March .....	.66	2.23	3.72	3.40	4.52	.82	3.67	3.00	.86	5.37	
April .....	1.98	1.93	.11	3.15	1.20	1.64	.56	2.45	1.73	2.39	
May .....	1.23	1.72	1.26	3.56	1.16	3.65	1.17	1.90	.50	.33	
June .....	3.64	1.71	4.27	.56	.31	1.58	1.59	4.30	.50	.34	
July .....	1.63	.15	2.22	1.08	3.50	4.10	1.00	4.36	4.87	1.84	
August .....	1.43	.24	6.46	1.12	2.70	2.24	3.50	5.50	1.80	3.05	
September ..	.11	.97	2.30	2.36	1.41	3.45	2.22	1.78	5.35	3.06	
October ...	3.54	3.91	4.12	3.60	2.10	3.90	6.30	4.75	1.25	.81	
November ..	3.65	3.59	1.63	3.79	4.04	2.62	4.65	.52	2.93	2.30	
December ...	5.25	8.40	4.64	1.95	8.68	7.31	4.28	.75	2.84	4.50	
TOTALS ...	28.75	27.71	36.85	31.18	35.30	41.53	36.08	31.99	26.30	32.02	

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

RAINFALL at Southampton Common ReservoirCounty of HampshireObserver E. C. Rodda Esq. C.E.River Basin Test & Solent &Water Engineer11.0.

Rain Gauge, by \_\_\_\_\_

M

Diameter ...	5											
Height .....	1 0											
Altitude ...	193											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	3.67	3.43	4.75	1.57	2.85	4.25	5.43	2.23	4.92	1.52	4.51	
February ...	.80	.34	3.52	6.20	.33	4.26	1.97	4.08	2.22	1.10	1.38	
March .....	2.13	1.22	2.34	2.06	1.35	4.44	.59	3.16	3.30	.09	1.40	
April .....	2.93	.91	3.26	3.11	3.24	2.33	3.37	1.14	1.67	1.01	2.64	
May .....	1.31	1.38	.92	1.61	2.02	3.80	1.43	.92	1.04	1.85	1.94	
June .....	2.26	.09	1.40	.40	2.75	.00	2.86	2.40	2.34	1.88	.58	
July .....	5.96	.70	4.02	.84	3.42	2.82	1.46	2.50	1.62	1.82	2.30	
August .....	1.21	1.97	3.33	2.74	2.50	3.92	1.04	2.79	2.89	1.96	4.68	
September...	1.72	.87	2.11	2.03	4.93	3.11	.52	5.94	1.11	.28	3.01	
October .....	3.05	1.47	1.33	5.47	4.96	4.40	2.64	2.15	6.71	3.81	2.13	
November...	2.35	2.00	2.12	1.73	3.03	2.79	6.32	3.10	2.91	8.55	4.98	
December...	3.20	2.04	5.20	3.20	6.38	3.59	.29	3.90	2.92	6.73	3.93	
TOTALS...	30.89	16.42	34.30	30.96	37.76	35.71	27.92	34.11	33.65	30.10	33.48	✓
									M.	M.		

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



RAINFALL at Southampton Common Res.County of HampshireObserver E. C. Rodda, Esq., C.E.River Basin Test & Solent 4J. Hanksley (1932)  
O.B.E.Type of Gauge SnowdonAnnual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref. 814811/27

Diameter .....	5											
Height .....	1	0										
Altitude .....	193											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January .....	2.06	3.01	1.93	2.59	.71	5.51	6.17	3.57	5.64	3.15	3434	
February .....	2.81	.10	3.50	.06	3.46	3.00	5.26	.62	1.33	3.36	2280	
March .....	.77	1.45	3.41	3.07	.87	2.25	3.62	.25	1.29	3.17	2015	
April .....	2.79	2.76	1.19	1.88	3.00	1.90	2.13	.01	1.74	1.24	1864	
May .....	2.81	5.45	1.90	.71	1.00	.63	2.82	1.85	1.15	.54	1886	
June .....	2.84	1.31	1.80	1.16	4.43	2.66	1.27	.50	1.43	.28	1828	
July .....	3.56	2.88	2.10	1.03	2.06	4.13	1.35	2.67	4.59	3.45	2782	
August .....	5.79	1.42	1.12	3.20	2.82	.49	1.10	2.37	1.75	.09	2013	
September .....	2.27	3.74	2.75	2.38	3.99	2.48	1.75	1.28	1.64	1.79	2407	
October .....	.58	5.80	1.58	1.71	5.57	1.40	3.81	2.61	5.72	4.25	3303	
November .....	3.57	1.73	0.58	2.31	7.20	3.75	2.05	5.17	6.01	8.40	4083	
December .....	.65	1.32	0.63	8.48	4.42	3.39	4.32	3.97	1.72	2.42	3132	
TOTALS .....	29.80	31.63	22.49	28.68	39.53	31.57	35.65	24.87	34.01	32.14	3102.7	

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

Station No. *652 (693/2)*RAINFALL at *Southampton (Common Res.)*

41

County of *Hampshire*Observer *J. Hambroley Esq OBE*River Basin *Test & Solent - 4*Type of Gauge *Snowdon*Annual Average *30.2* in. based on *75* years obs. *un-weighted*. Period of average *1881-1955* Ref. *S*" " *29.3 in computed by method of 1936* File No. *814811/27*

Diameter	5"			326	102			5"			
Height	1' 0"				1			1' 0"			
Altitude	193				41			201			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.70	3.35	5.82	2.45	1.83	2.92	(3.00)	3.20	.82	.70	
February	2.80	.67	1.08	.43	2.28	2.85	1.66	.98	1.36	4.40	
March	3.37	2.65	.56	.18	1.01	1.00	(1.00)	1.00	1.48	1.59	
April	2.50	2.11	.82	1.50	1.00	2.64	2.15	1.79	1.72	2.05	
May	2.04	2.94	3.15	.32	2.33	4.34	1.21	3.04	2.66	1.20	
June	1.67	.41	1.57	2.26	2.41	3.53	1.32	2.74	.37	1.51	
July	2.04	1.78	2.07	2.80	2.17	.97	(.80)	.99	.34	4.29	
August	3.58	3.68	1.40	2.40	1.68	3.75	.87	3.95	.92	3.54	
September	.66	2.29	1.89	1.92	2.37	3.64	1.16	2.70	2.66	3.37	
October	1.17	3.13	4.30	4.32	3.54	1.59	(1.39)	1.77	7.49	.28	
November	2.68	2.16	1.72	5.66	.41	5.12	(1.40)	1.71	3.54	5.96	
December	2.05	3.72	2.11	2.90	4.37	3.21	(2.80)	5.02	1.43	1.87	
TOTALS	28.26	28.89	26.49	27.14	25.40	35.56	(24.76)	28.89	24.79	30.76	
	N	M	M	ri.	M	M	mp.	d	2	D	

1944 G.O. on bed of *reducing Reservoir*.  
 trees 73' high 219' N, 56' high 115' E, 53' high 166' S, 58' high 175' W  
 18.6.47. Gauge *erected* & found *sound*. *Condition made for construction* *ref. 1946*. *1.6.48. moved to S. Hill Pond 1.1.48.*  
 1947. *from March, July, Oct, Nov. Dec not ref. surr. data.* *mp. Too much observation*  
 1948 *in. removed at end of hand. a little more than 1/2 mi. NE to South Hill Res.*  
*from 50' high, 115' N, 166' high, 85' SW.*

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 1943 1948 (Refined)			Southampton Central Swaythling Swaythling	1 1/2 m. 1 mi.	NE E	N. Stoneham N. Stoneham St. Albans	3/4 m. 1/2 m.	N E

BRITISH RAINFALL ORGANIZATION

Station No. 162 693/2RAINFALL at SOUTHAMPTON (South Hill Res.)

51

County of HAMPSHIREObserver J. HAWKES, Esq. O.B.E.River Basin TESTEN & SPITHEADSb. A. Bradley Esq. CE. for 1.1.57Type of Gauge SNOWDONAnnual Average 30.8 in. based on 35 years obs. un-weighted.Period of average 1881-1915 Ref. S" " 29.3 " computed by MILCOVSK 1926, Ref. 56122/36" " 30.64 " based on 8 years obs. 1949-56.Period of av. 1916-1950

File No.

814811/27Ref. S

Diameter ...	5"				324	102					
Height ...	1'0"					1					
Altitude ...	201'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.43	2.23	.96	2.68	3.38	4.66	3.05	4.59	3.54	4.40	
February ...	6.06	.64	1.50	2.82	1.79	.17	4.08	3.05	.15	2.97	
March ...	3.98	2.51	.53	2.96	1.21	.69	2.23	1.72	3.48	1.99	
April ...	2.66	1.87	1.99	.26	.47	1.93	.11	.95	2.79	1.25	
May ...	2.92	2.92	2.65	1.83	4.34	.24	1.52	2.12	.57	1.34	
June ...	1.04	1.30	2.20	3.42	2.70	2.09	1.46	3.55	.78	2.45	
July ...	2.10	.21	4.17	2.66	1.69	2.54	4.15	1.82	1.80	3.90	
August ...	4.42	3.74	1.76	3.97	.99	3.00	3.27	4.51	2.08	4.81	
September ...	3.58	3.74	3.24	3.21	1.58	4.09	2.79	5.08	.06	4.45	
October ...	.78	5.45	5.10	3.30	4.49	2.25	2.54	3.40	2.90	8.88	
November ...	9.00	3.79	1.41	5.63	2.63	.72	2.65	2.85	3.80	5.55	
December ...	2.89	2.52	.80	3.00	4.25	5.81	2.41	4.59	7.05	4.02	
TOTALS ...	42.86	30.92	22.31	35.74	29.52	28.19	30.26	38.63	29.00	46.01	
	D	D	D	D	D	D	D	D	D	D	

1951. Tree 50' high 115ft. N. Shed 6' high 85ft. SW.

Inspected 26.11.56 Mr. Deeks. Gauge sound, means taken. Site of slightly SE (but considered generally reasonable).

1957. G. moved 1st Jan. - 40'S.W.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 41/423159

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Swynthing	1 mi. E	Swynthing	1/2 mi. E

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ NP 47	