

652 (693/2)

RAINFALL AT Southampton Common Reservoir

Lat. $50^{\circ} 56' 16''$ Lon. $1^{\circ} 12' 0''$ County of Hampshire

Rain Gauge, by

Observer W. J. Matthews Esq. C.I.

Monthly

Cecil H. Roberts Esq. C.I.

Diameter ..				5							
Height				1 0							
Altitude ..				193							
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	1.03	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 1st Gauge moved from Otterbourne Mill Res

Highfield Church 3/4 mile E.S.E

St. Denys Station 1/4 . SE

Railings 1ft high 80 ft all round

1904 Annual Sheet Not printed

1905 Holpainted

RAINFALL at Southampton Common Res.

County of Hampshire

Observer C. H. Roberts Esq C.R.
E. C. Rodda Esq C.R.

Rain Gauge, by _____

Diameter ...	5'									
Height	1.0									
Altitude ...	190 ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	2.60	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
March66	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	1.83	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	1.04	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
September11	.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	41.50	36.08	31.99	26.30	32.02

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RAINFALL at Southampton Common Reservoir

County of Hampshire

Observer E. C. Rodda Esq. C.E.

River Basin Test - 9 Solent - 4

Water Engineer

M.O. Rain Gauge, by

ge, by

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

RAINFALL at Southampton Common Res.

County of Hampshire

Observer E.C. Rutter, Esq., C.E.

River Basin Test + Solent H

J. Hartshorne (1932)

O.B.E.

Type of Gauge Standard

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

Ref.

814811/27

Diameter	5										
Height	10										
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	2.41	1.10	3.50	.06	3.46	3.00	5.26	1.62	1.33	3.36	2280
March	.77	1.45	3.41	0.9	.87	2.25	3.62	1.25	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	1.91	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	.47	1.10	2.27	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	6.57	1.40	3.81	2.61	5.72	4.25	3303
November	3.57	1.79	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	3.89	4.32	3.97	1.72	2.42	3132
TOTALS	29.80	31.63	22.49	28.68	39.53	31.54	35.66	24.87	34.01	32.14	31027
	M	M	M	M	M	M	M	M	M	M	M

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 Southampton (Common R.R.) (Gorse Hill Res.)

County of Hampshire

Station No. 652 (693/2)

River Basin Test & Solent - 4

Observer J. Hawkhurst Esq. D.B.E.

Type of Gauge S. snowdon

Annual Average 30.2 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. S

" " 29.3 in computed by Mr Cornish (1886) File No. 814811/27
ref. 56124/26

Diameter	5"		326	102				5"			
Height	1' 0"				1			1' 0"			
Altitude	193				41			201		200	
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	1.40	
March	3.37	2.65	.56	.18	1.01	1.00	(7.00)	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	(8.0)	.99	.34	1.29	
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	2.49	.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	

1944 Q. on roof of Service Reserve.

Trees 73' high 219' N, 56' high 115' E, 53' high 166'S, 58' high 175' W

18-6-47. Gauge tilted & found sound. Careless made for corrected rainfall. It has returned to S. Hill P. 1. 1.48.

1947. Jan Hand, July. Oct, Nov, Dec got ref such etc. Inf. too much estimation

1948 L. removed at end of hand, a little more than 1 mi. N.E. of South Hill Res.

From 50' high 115' N, Sheet 6' 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	Parish Church.	Distance from gauge	Direction
1941			Southampton Central			N. Stoneham		
1943			Swaythling	1 1/2 m.	NE	N. Stoneham	3/4 m.	N
1948 (Refined)			Swaythling	1/2 m.	E	St. Albans	1/2 m.	E

RAINFALL at SOUTHAMPTON (SOUTH HILL RES.)

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County of HAMPSHIRE
TOWNSHIP SPITHEADS
River Basin. SOUTHObserver J. HAWKSWORTH, F.R.S., O.B.E.,
F.A. Bradley Esq. C.E. from 1/1/57

Type of Gauge SNOWDON

Annual Average 30.8 in. based on 35 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

29.3 computed by McCormick 1936, ref. 86/425/36

30.64 based on 8 years obs. 1949-56. Period of av. 1916-1950

File No. 814811/27

Rep. S

Diameter	5"				3210	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	4.91	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	26.31	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. Height 50' high 115ft N. Sheld 6' high 85ft SW.

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

1957. Moved 1st Jan. - HO/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 from gauge	Direction	Parish Church.	Distance from gauge
1951			Southampton	1 ml.	E	Southampton	1/2 ml. 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	