

RAINFALL AT

Portsmouth Milton

Lat. _____

Lon. _____

County of

Hants

Rain Gauge, by _____

Observer

Dr Mumby
Lt Fraser

Diameter	5										
Height	10										
Altitude	18										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.06	2.37	.88	1.72	4.39	3.19	.70	2.71	.45	2.78	2.226
February ....	.40	.03	.92	2.95	2.21	.02	.33	3.31	2.13	3.07	1.538
March .....	.94	2.31	.96	.49	1.48	1.64	3.02	4.69	.58	.67	1.648
April	2.72	.97	.76	.04	1.83	2.18	.64	1.62	1.15	2.46	1.438
May	2.01	2.31	.99	.78	1.02	.19	.53	1.39	3.16	.71	1.309
June	2.64	2.27	1.92	1.32	1.77	.75	1.44	2.80	1.50	.81	1.522
July	3.27	1.71	2.80	3.62	4.79	3.58	.78	.63	.30	3.47	2.145
August	3.17	5.01	2.86	.58	1.79	2.75	1.63	3.65	1.52	.81	2.247
September....	.62	1.26	2.62	1.88	3.03	.81	8.51	2.82	1.05	2.36	2.696
October .....	.97	6.49	3.76	4.94	5.35	4.23	2.96	.39	3.38	2.55	2.562
November....	2.07	3.02	2.85	2.14	6.39	5.11	.94	1.37	4.20	4.97	3.304
December ....	.78	3.52	1.94	2.68	1.93	3.14	4.06	2.94	3.23	1.10	2.532
TOTALS . .	22.65	31.25	23.27	23.15	35.98	27.59	25.54	28.33	22.65	25.76	26.117

1890 St Marys Church 2/3 mile W

Thermometer screen 5' 2" high 12' 6" N

1897 St James Church 850 yards S

RAINFALL AT Portsmouth Milton Victoria Park

Lat. Lon. County of Hampshire
Sunderdon Rain Gauge, by Observer Dr Fraser
Outleam

Diameter ..	5										
Height	10										
Altitude ..	18 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.54	1.17	.91	2.12	3.95	1.08	7.14	.79	.92	.85	2.247
February ..	5.26	1.42	1.63	1.61	3.72	.51	3.25	1.06	.99	.27	1.971
March	1.00	2.23	2.03	2.46	1.03	4.43	1.21	.34	2.45	3.73	2.111
April	1.36	2.34	1.28	2.50	1.38	1.57	.68	3.48	2.15	1.36	1.810
May .....	.93	.58	2.08	2.49	4.02	.41	1.60	2.57	1.41	1.28	1.737
June	1.69	2.62	2.87	2.19	.87	3.93	1.52	2.04	.68	3.90	2.221
July	1.10	2.89	1.77	2.61	1.26	.25	.43	1.14	1.31	2.04	1.480
August	2.04	1.38	4.13	4.33	2.39	2.48	.66	.88	2.33	2.52	2.334
September ..	.29	2.25	.51	2.99	1.76	2.38	1.43	.53	1.05	3.56	1.675
October	3.50	3.08	1.85	7.90	2.06	1.88	4.86	6.99	2.37	7.57	4.206
November ..	3.33	.38	3.57	1.71	1.30	4.51	4.27	2.47	1.36	.70	2.360
December ..	3.37	3.96	1.59	2.27	2.94	.63	1.51	3.04	3.48	4.62	2.741
TOTALS ..	28.40	24.30	24.22	35.18	26.68	24.06	28.76	25.33	20.50	32.60	27.003

1902 St Thomas ^{4 1/2} mile S
 Screen 5' 2" high 6 ft N
 1903 Portsmouth Town Station 250 yards E

✓
 11/16

RAINFALL at Portsmouth Victoria Park

County of Hampshire Observer D. A. Means Fraser C. W. Ham

River Basin St. John's Spithead 5

1916 Flaisher Rain Gauge, by Swindon

Diameter ...	5										
Height	10										
Altitude ...	18 ft							15			
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.14	.72	3.60	4.34	.62	4.48	.95	1.11	3.62	5.50	Sum 16.9
February ...	3.58	1.44	1.91	1.17	4.41	5.14	4.42	1.22	.97	2.55	11.8
March	1.12	1.58	3.79	2.75	4.73	.78	3.46	2.55	.92	4.35	9.16
April	1.70	1.52	.12	2.65	1.47	1.28	.84	1.97	2.16	1.84	1.28
May	1.42	1.53	1.08	2.45	1.22	3.52	1.30	2.13	1.36	.30	6.81
June	1.76	1.56	3.00	.43	1.37	.70	1.47	2.88	.87	.77	5.09
July	2.16	.64	1.70	1.64	2.27	3.38	.68	2.35	2.42	.84	5.99
August	2.60	1.79	5.87	1.78	1.58	1.19	1.34	6.03	2.28	2.73	6.24
September ..	.09	1.15	2.62	2.82	1.13	3.06	1.78	1.12	5.52	1.72	11.38
October ...	5.06	4.88	2.91	4.80	2.78	3.50	4.28	3.82	1.23	.65	10.14
November ..	3.93	4.99	1.76	2.91	3.48	2.57	4.00	.84	2.06	2.29	9.98
December ...	4.85	6.21	3.59	2.22	4.07	7.81	4.01	.91	2.39	5.35	9.19
TOTALS ...	31.26	30.21	31.95	29.96	33.13	37.41	28.48	25.93	25.80	28.89	203.12
	2	2	2	2	2	2	2	2	2	2	107.15

1916 Gull Hole 55 ft high 150 ft E

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910 17	50° 47' 41" N	1° 55' W 1.6	Portsmouth	100 yds 258 yds	SE W	St Thomas	1 m	S

RAINFALL at Portsmouth Victoria ParkCounty of HampshireObserver D. A. Mearns TraversRiver Basin Itchen & Spithead

Medical Officer of Health (1926)

Snowdon Rain Gauge, by

Diameter ...	5											
Height	1	0										
Altitude ...	15											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN	Totals
January ...	3.69	3.15	4.29	1.52	2.67	4.50	4.37	2.27	4.70	1.35	4.21	36.72
February ...	5.0	4.4	2.82	4.88	4.1	4.75	1.89	4.15	1.75	1.25	1.41	24.25
March	1.94	1.00	2.04	1.67	1.43	5.4	3.8	2.62	1.92	.12	2.32	15.98
April	2.23	1.07	3.50	3.19	2.46	2.40	2.72	1.79	1.87	.84	2.28	24.35
May	1.36	1.05	.59	2.89	2.92	4.14	1.76	.73	1.41	1.96	1.35	20.16
June	2.23	.05	1.55	.32	3.28	.00	2.56	2.71	2.11	1.31	.71	16.83
July	5.18	.28	3.19	.75	2.62	3.57	1.13	2.28	1.52	1.68	1.55	23.75
August .....	.92	1.90	3.00	1.89	2.61	4.87	1.15	2.27	2.64	1.69	3.66	26.60
September...	1.89	.67	1.69	2.13	5.73	2.31	.52	5.79	1.20	.44	2.77	25.14
October	3.13	.78	1.07	5.79	5.34	3.27	2.65	1.63	7.05	3.61	2.92	37.24
November...	1.67	2.35	1.73	1.33	2.50	3.56	6.88	3.04	3.17	7.31	4.86	38.40
December...	2.76	1.49	4.33	3.18	4.09	4.19	.40	4.71	3.22	6.46	3.01	37.84
TOTALS...	27.50	14.23	29.50	29.54	36.06	38.10	26.41	33.99	32.56	28.02	31.05	327.26
	D	D	D	D	D	D	D	D	D	D	D	H

1920 Drill Hall 50ft high 150 ft E.

1925 Town Hall 100ft " 200 yds S.

1926 Drill Hall 50 " 100 " E.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	50° 45'	1° 6'	Portsmouth Town	100 yds	SE	St. Thomas	1 mi	S

RAINFALL at Portsmouth (Victoria Park) M.W.R.

County of Hampshire Observer Dr. A. Meares Fraser.River Basin Itchen & Spithead 5 Medical Officer of Health.Type of Gauge M.O.Annual Average 27.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. of A.

Diameter	5					5"						
Height	1	0				1'0"						
Altitude	15					15'						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	2.16	2.80	2.07	2.29	.65	4.61	6.20	3.54	4.89	3.00	32.21	
February	1.59	1.0	3.30	.02	3.81	2.81	4.69	.54	1.43	3.81	22.18	
March	1.13	1.43	2.87	3.00	.82	1.85	3.60	.44	1.12	2.64	18.90	
April	3.04	2.24	1.28	2.09	2.93	1.78	2.01	.02	2.44	1.32	19.15	
May	3.33	4.17	1.94	1.20	.79	.12	1.04	1.62	1.12	.63	15.96	
June	1.53	1.50	1.18	.98	2.26	2.81	1.09	.48	1.12	.17	13.12	
July	3.13	2.47	1.36	.89	1.54	3.35	1.41	1.28	2.18	2.85	20.46	
August	2.74	.93	.58	2.83	3.27	.14	1.19	2.15	1.36	.00	15.19	
September	1.86	2.81	3.38	2.18	4.20	3.03	2.27	1.59	.72	1.50	23.54	
October	.57	6.23	1.86	1.84	4.86	.74	2.69	3.57	6.26	3.72	32.34	
November	3.66	1.36	.62	3.73	7.73	5.03	1.86	4.29	5.22	7.87	41.37	
December	.61	1.03	.61	8.80	3.44	2.54	4.99	2.72	1.85	1.92	28.51	
TOTALS	25.35	27.15	21.05	29.85	36.30	28.81	33.04	22.24	29.71	29.43	282.93	24.44

1935 Inspected 17/6/35. Sdls & g. satisfactory, watch is being kept in growth of adjacent trees

1936. New gauge (No. 1832) purchased on 25.6.36.

1936. Inspected 22.10.36. New gauge as above, otherwise no change.

1939. Inspected 19/10/39. Sdls 40.50/25/2, 40.50/25/2. Will be out back

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 Portsmouth Southern Common Station No. 675.DD.VV.R.

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County of HampshireObserver Medical Officer of HealthRiver Basin Golden & SpitheadType of Gauge M.O.Annual Average 27.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.

File No.

Diameter	5"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"
Height	1' 0"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Altitude	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'	15'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	4.12	2.76	5.51	1.94	1.85	2.06	3.26	4.94	.62	.73		27.79
February	2.55	.59	1.41	.72	1.53	2.96	2.09	1.21	.96	5.03		19.05
March	3.56	2.69	.67	.18	.60	1.08	5.83	.67	1.54	1.27		18.09
April	1.77	1.48	.84	1.46	1.10	2.41	1.65	1.41	1.12	1.74		14.98
May	1.58	2.81	2.56	.51	2.00	3.64	1.26	2.57	1.49	1.66		20.08
June	1.22	.51	1.20	1.43	1.97	2.67	1.59	1.73	.61	1.20		14.13
July	2.24	1.30	2.77	2.60	3.25	1.59	1.37	.85	.23	3.26		19.46
August	4.21	2.13	1.13	1.98	1.53	4.54	1.05	3.36	1.16	2.19		23.28
September	.96	1.67	1.27	1.48	1.62	3.08	1.20	1.65	2.19	2.72		17.84
October	.92	3.15	2.27	3.85	3.07	.79	1.46	1.81	8.11	4.5		25.98
November	1.82	1.09	1.25	5.13	.50	4.33	1.41	1.81	3.25	4.63		25.22
December	.93	3.44	2.45	2.56	4.10	2.49	3.10	3.94	1.89	2.10		27.00
TOTALS	25.88	23.62	23.33	23.94	23.12	31.64	25.27	25.95	23.17	26.98		252.90

1945 Oct. Storm gauge broken - repaired. New g. the supplied

1946 July. Site changed to Southern Common - the same as the one at the old site. New altitude is 10.10.49. Inspected by Mr. Thompson. Condition of gauge satisfactory (some data in container, 6 1/2 ft. from ground).

Trees 20 ft high 40-50 yds distant SW-SE. House 50-60 ft high 70-90 yds. to N.W. Slats must be kept in ground of trees and this must be kept checked. Site satisfactory, but recommended to enlarge enclosure.

22/2/50 Insp. Mr R. H. Pedlow. Gauge sheltered by screen 6' to N.

225.92

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

No. of Map.....

Reference No. 52(40) 637991

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Southsea Portsmouth (Southsea Common)Station No. 675

H.W.R.

51

County of HampshireObserver Medical Officer of HealthRiver Basin Itchen & SpitheadType of Gauge M.O.Annual Average 27.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 9. N27.78 " " " " " " 1916-19501916-1950
File No.

Diameter ...	5"				322	500					
Height ...	1' 0"					3					
Altitude ...	7'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	3.23	2.27	1.12	2.16	3.43	4.38	2.06	4.01	3.23	3.85	29.74
February ...	5.69	.61	1.20	2.48	1.61	.10	4.25	2.75	.15	2.98	21.82
March ...	3.93	2.53	.38	3.18	1.20	.25	1.57	1.31	2.11	1.75	18.21
April ...	2.22	1.20	1.27	.31	.28	1.73	.12	.62	1.76	0.88	10.39
May ...	2.19	2.00	2.34	2.31	3.54	.62	.80	2.53	.25	1.60	18.18
June ...	1.65	1.47	1.40	2.74	2.71	1.75	1.75	2.81	.47	1.90	18.65
July ...	2.30	.25	2.50	3.01	1.07	2.07	3.53	1.88	2.57	2.72	21.90
August ...	3.84	2.18	1.57	3.10	1.02	4.89	1.93	3.67	2.51	5.72	30.43
September ...	3.06	5.01	2.61	2.39	1.71	2.37	2.75	4.00	.13	5.37	29.40
October ...	1.42	3.70	3.05	2.15	2.30	1.13	1.71	2.33	2.57	7.58	27.94
November ...	7.02	4.30	1.63	5.48	1.82	.61	2.67	2.10	3.78	5.81	35.22
December ...	2.69	2.62	.65	3.42	3.92	4.21	1.78	3.66	7.11	3.79	33.85
TOTALS ...	39.24	28.14	19.72	32.73	24.61	24.11	24.92	31.67	26.64	43.95	295.73
	D	D	D	D	D	D	D	D	D	D	D

Drop 11" Pedlow 6.5.53.

Smile last map 1950, then moved 100 yds W. to low shelter site
Satisfactory except that gauge is loose in ground. And 30"x20" and 5' iron railing
true 50' 40" S.E. unlikely to give much bigger

1957 - Slightly low but accept.

Julp. H. Garnett 22.5.59. - Satisfactory but gauge badly dented. Suggest repair or replace

New gauge installed 13.7.59.

Minor site move from 52(40) 630° 990° to 52(40) 637° 990° on 5/4/53.
No change in Hyd. No.

1958 Sta. Name changed for Health Board's purposes at request of authority for Publicity Dept. Portsmouth Southern.

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 52(40) 637 990

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

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
	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓