

RAINFALL AT Havant

80

Lat.

Lon.

County of

Hants

Rain Gauge, by

Observer H. R. Smith Esq. C.E.

Diameter											5
Height											1.0
Altitude											25
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,
January							4.04	2.98	1.24		1.10
February56	.79	.81		1.87
March							2.08	.88	3.26		1.86
April							1.40	1.05	1.23		2.15
May							3.82	.84	1.76		3.57
June46	1.51	3.50		.76
July							1.56	.72	5.50		2.16
August							1.42	1.80	2.34		2.25
September.....							1.40	3.49	.61		.52
October							4.30	1.29	1.67		6.10
November.....							3.30	3.54	4.65		1.17
December							4.80	2.47	1.28		1.45
TOTALS							29.13	21.86	27.85		24.96

St. Faith's Church 620 yards E
Wall 3 ft 6 in 60ft N.

RAINFALL AT Havant

Lat.

Lon.

County of Hants

Rain Gauge, by

Observer E. R. Smith Esq. C.P.

Diameter										5	
Height										1 -	
Altitude										25 T	
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January									2.96	1.24	1.10
February78	.83	1.87
March90	3.28	1.86
April									1.05	1.28	2.20
May86	1.76	3.57
June									1.56	3.53	.76
July73	5.57	2.16
August									1.80	2.37	2.26
September									3.50	.63	.55
October									1.28	1.68	6.10
November									3.58	4.68	1.17
December									2.49	1.30	1.45
TOTALS									21.49	28.15	25.05

St. Faiths Church 620 yards E
1888 - Wall 3 ft 6 in high 6 ft N

RAINFALL AT Havant

Lat.

Long.

County of Hants

Rain Gauge, by

Observer H.R. Smith Esq. C.E.

Diameter	5										
Height	10										
Altitude	25 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.07	2.33		1.74	4.43	2.73	.87	2.77	.61	2.78	
February88	.03		3.20	1.88	.07	.27	3.35	1.56	3.15	
March	1.04	2.16		.31	1.37	1.94	3.14	4.28	.52	.34	
April	2.38	.81		.05	1.89	2.33	.29	1.78	1.10	2.53	
May	2.04	1.95		.84	.78	.16	.48	1.48	3.39	.73	
June	2.26	1.53		1.26	1.86	.94	1.87	3.52	1.98	1.08	
July	2.54	2.00		3.45	5.24	3.83	.70	.86	.38	2.39	
August	2.94	5.85		1.44	1.71	3.08	1.98	3.96	1.19	.71	
September53	1.13		2.06	3.49	.62	8.43	2.84	.96	2.26	
October	1.18	6.93		4.71	4.98	3.12	2.77	.40	3.13	1.77	
November	1.90	3.41		2.21	5.96	5.06	.83	1.50	4.21	3.99	
December72	3.89		2.28	2.07	3.38	4.05	3.37	2.83	1.50	
TOTALS	21.48	32.02	M.R.	23.55	35.66	27.26	25.68	30.11	21.86	23.23	

RAINFALL AT Havant

Lat.

Lon.

County of

Hants

Rain Gauge, by

Observer

H.R. Smith Esq. C.E.

Monthly

Diameter	5										
Height	1 0										
Altitude	257										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.07	2.15		1.72	4.50	2.70	.84	2.79	.59	2.75	
February69	.03		3.15	1.80	.07	.27	3.30	1.60	3.17	
March	1.05	2.14		.31	1.37	1.86	3.76	4.27	.53	.38	
April	2.41	.81.		0.5	1.86	2.30	.29	1.75	1.08	2.56	
May	2.04	2.04		.84	.76	.16	.46	1.43	3.21	.72	
June	2.30	1.53		1.23	1.83	.82	1.80	3.50	2.05	.95	
July	2.54	2.07		3.40	5.23	3.79	.69	.85	.40	2.36	
August	2.92	5.95		1.42	1.68	2.99	1.96	4.01	1.17	.75	
September....	.53	1.14		1.99	3.46	.58	8.49	2.88	.98	2.30	
October.....	1.17	6.93		4.86	4.90	3.16	2.78	.40	3.20	1.80	
November....	1.98	3.44		2.18	5.90	4.99	.86	1.49	4.20	4.06	
December....	.72	4.00		2.22	1.99	3.33	4.08	3.33	2.83	1.52	
TOTALS	21.62	32.23	NR	23.37	35.28	26.75	25.68	30.00	21.84	23.32	

1890 N Faith Church 620 yards E

Wall 3'6" high 60 ft N

RAINFALL AT Havant

Glen testbed

Lat.

Lon.

County of Hampshire

Copper

Rain Gauge, by Cassella

Observer H. E. Smith Esq C.E.
H. Ashley Esq C.E.

Diameter ..	5									
Height ..	10									
Altitude ..	257									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS
January ..	3.39	1.08	.90	1.88	2.90	.75	6.09	.87	.56	.79 1.921
February ..	5.17	.90	1.86	1.36	2.87	.49	2.48	1.23	.89	.25 1.753
March ..	.61	2.23	1.86	2.15	.80	3.27	1.02	.41	2.07	3.51 1.793
April ..	1.45	2.33	1.06	2.08	1.05	1.43	.58	3.28	1.69	1.27 1.622
May ..	.94	.84	2.27	2.21	3.27	.35	1.90	2.01	1.41	1.68 1.688
June ..	3.05	3.13	3.31	1.75	.90	2.96	.98	2.18	.59	2.56 2.141
July ..	1.08	2.43	1.50	2.07	1.66	.16	.39	1.03	1.21	2.47 1.399
August ..	2.00	1.58	3.98	3.50	2.42	2.09	1.33	1.51	3.21	2.39 2.401
September ..	.42	2.11	.64	3.88	1.56	1.68	1.19	.49	1.54	2.82 1.632
October ..	1.85	2.46	1.82	7.39	1.88	1.26	3.88	5.23	2.73	5.84 3.434
November ..	2.66	.39	2.55	1.23	1.00	2.94	3.48	1.98	1.20	.66 1.809
December ..	3.32	3.50	1.20	1.78	2.34	.49	2.05	2.66	2.94	3.65 2.392
TOTALS ..	25.94	22.98	22.95	31.28	22.64	17.85	25.37	22.88	20.04	27.92 23.985 ✓

D D D D D D

H. E. Smith

1900 St Faiths Church 620 yards E
 Wall 3' 6" high to p. N

1

+ Inspected 17 m or N.R.M. On gravel in sq. walled enclosure. Perfect

next 15 683

RAINFALL AT Hawant

Lat. Lon. County of Norfolkshire
 Glazerted Upper Rain Gauge, by beside Observer H.R. Smith Esq C.L.
Monthly H. Ashley Esq C.L.

Diameter ..	5										
Height	10										
Altitude ..	25 T'										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS
January ..	3.40	1.05	.90	1.90	2.94	.78	6.11	.90	.59	.84	1.941
February ..	5.10	.96	1.90	1.36	2.88	.51	2.51	1.25	.92	.29	1.768
March ..	.64	2.20	1.80	2.17	.77	3.27	1.05	.43	2.10	3.60	1.805
April ..	1.42	2.33	1.11	2.11	1.07	1.45	.61	3.31	1.72	1.29	1.642
May ..	94	.84	2.31	2.24	3.29	.35	1.92	2.03	1.43	1.71	1.706
June ..	3.02	3.20	3.37	1.76	.92	2.98	1.01	2.20	.61	2.60	2.167
July ..	1.07	2.47	1.46	2.07	1.70	.17	.41	1.06	1.25	2.53	1.419
August ..	1.97	1.53	4.01	3.50	2.41	2.11	1.33	1.54	3.24	2.41	2.405
September ..	.43	2.07	.64	3.70	1.58	1.70	1.20	.49	1.57	2.85	1.623
October ..	1.90	2.50	1.90	7.43	1.90	1.28	3.40	5.27	2.76	5.86	3.420
November ..	2.68	.40	2.57	1.25	.99	2.97	3.50	2.00	1.24	.68	1.828
December ..	3.35	3.51	1.22	1.81	2.39	.50	2.07	2.65	2.94	3.66	2.410
TOTALS ..	25.92	23.06	23.19	31.30	22.84	18.07	25.12	23.13	20.37	28.32	24.132

+ Inspected 17 III.06 M.C. see daily J.

RAINFALL at Hawant

County of Hampshire

Observer H. Ashley by C.E.

River Basin St. John & Spilhead 5

Rain Gauge, by

1918 Wall 3.6 high 6' N

+ Inspected

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	50-51	0-59	Hawank	1/2 m	E	St. Paul	1/2 m	E

RAINFALL at HavantCounty of HampshireObserver H. Ashley Esq. clRiver Basin Stour & L. R. Head 5

Rain Gauge, by _____

M

Diameter ...	5										
Height	1	0									
Altitude ...	25	T									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.55	1.23	3.71	4.45	.54	4.80	1.01	1.47	3.55	5.62	
February ...	2.80	1.84	2.05	1.47	3.94	4.61	3.76	1.16	1.13	2.56	
March81	1.94	3.53	3.05	4.44	.80	3.15	2.20	.95	4.71	
April	2.03	1.40	.04	2.77	1.61	1.16	.89	1.77	2.06	1.94	
May	1.51	2.65	1.44	2.95	.96	3.53	1.61	2.49	1.26	.43	
June	2.20	1.87	3.30	.60	1.52	1.04	1.72	2.77	.86	.64	
July	2.23	.93	2.16	2.20	3.38	2.74	.65	1.84	2.83	.88	
August	3.94	.49	6.90	2.34	1.54	1.35	1.59	4.80	2.24	2.71	
September ..	.12	1.33	2.81	2.99	1.32	2.85	2.60	1.17	5.56	1.43	
October ...	3.80	4.90	3.08	5.01	2.01	4.15	4.76	3.70	1.26	.62	
November ...	4.19	4.50	2.05	3.09	3.62	2.74	3.68	1.26	2.13	2.38	
December ...	4.28	7.89	3.75	2.26	8.16	7.20	3.55	1.18	2.56	5.75	
TOTALS ...	30.46	30.97	34.82	38.61	33.04	36.97	28.97	25.83	26.39	29.67	

+ Inspected

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

RAINFALL at Havant - Portsmouth W.W.

County of Hampshire Observer H. Ashley Esq. G.E.

River Basin Itchen & Spithead 1926. D. Halton Thomson

Snowden Rain Gauge, by Engineer Portsmouth L.S.W.

Diameter ...	5"											
Height	1 0											
Altitude ...	26"											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS	
January ...	3.59	3.59	4.91	1.58	3.00	3.99	4.03	2.23	5.09	1.83	4.02	Total 37.33
February ...	1.24	2.22	3.01	4.99	.86	4.62	1.83	4.28	1.95	1.83	1.39	24.52
March	1.96	1.06	1.84	1.65	1.33	.31	1.48	2.61	1.92	.18	1.46	14.75
April.....	2.34	.98	3.38	3.47	2.32	2.72	2.45	1.75	1.91	.79	2.45	24.56
May	1.12	1.36	.92	2.64	3.02	4.12	1.84	.77	1.68	2.21	1.55	21.23
June	2.06	1.16	1.58	1.42	3.18	.00	2.32	2.62	2.05	1.57	.57	16.51
July	4.85	4.7	3.20	.73	2.81	3.09	1.34	2.64	1.46	2.03	2.33	24.95
August.....	1.14	1.88	2.53	2.08	2.55	3.98	1.27	2.77	2.44	1.78	3.39	25.84
September...	2.13	1.70	1.47	1.85	5.29	2.62	.50	5.46	1.19	.68	2.68	24.53
October.....	3.86	.54	9.8	6.00	4.64	3.22	2.33	1.94	4.45	8.69	2.51	37.13
November...	1.60	2.23	2.05	1.15	2.21	3.26	6.53	3.14	2.94	7.27	5.02	37.40
December...	2.42	1.65	3.86	3.48	3.70	3.31	.34	4.25	3.41	6.22	3.22	35.87
TOTALS...	27.61	14.83	29.68	30.04	34.41	35.25	25.26	34.47	33.52	28.98	30.59	324.64
	D	D	D	D	D	D	D	D	D	D	D	468

3/7/29. Inspected see green file

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map _____ 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° 51'	0° 09'	Havant	3/4 mi	E.N.E	St. Faith's Havant	1/2 mi	E E

RAINFALL at Havant

County of Hampshire

Observer H. Ashley Esq C.E.

River Basin Itchen & Spithead -

1926 D. Henton Thomas.

Rain Gauge, by _____

M.

Diameter ...	5"										
Height	1 0										
Altitude ...	25'										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.62	3.60	4.93	1.59	3.02						
February ...	5.5	23	3.04	5.02	3.7						
March	1.98	1.08	1.5	1.66	1.35						
April.....	2.36	.99	3.39	3.49	2.35						
May	1.14	1.38	92	2.66	3.04						
June	2.08	18	1.57	1.44	3.20						
July	4.86	48	3.23	72	2.83						
August	1.16	1.89	2.55	2.10	2.57						
September...	2.13	69	1.49	1.87	5.33						
October.....	3.88	56	96	6.03	4.67						
November...	1.62	2.25	2.07	1.15	2.24						
December...	2.45	1.66	3.88	3.50	3.73						
TOTALS...	27.86	14.99	29.88	30.28	34.70						

Recov
still
being
maintained

1923 Check gauge, not printed.

1929 Observer says Jan 24th Recov still being maintained
but never set up as he understood we
did not require it. See file 779716/29

31/7/29 Suspected see green file

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. E	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1922	50° 51' 0.59"	Havant	5 mi	ENE	P. Gates Haven	5 mi	E	

RAINFALL at Havant (Portsmouth W.W.)

County of Hampshire

Observer D. Halton Thomson, Esq., C.E.

River Basin Itchen - Epithed 5

Portsmouth Water Co. (1937)

Type of Gauge Standard

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

Diameter	5										Total	Means
Height	1	0										
Altitude	25											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.37	2.90	2.05	1.92	1.74	4.92	5.80	3.67	5.28	2.85	32.50	
February	1.93	3.30	3.28	1.03	3.44	2.43	4.89	1.46	1.47	3.51	21.74	
March	1.06	1.40	2.82	2.44	1.60	1.78	3.53	1.56	1.22	3.13	18.54	
April	2.93	2.56	1.23	1.66	2.65	1.42	2.19	1.01	2.47	1.72	17.84	
May	2.68	4.11	2.41	1.89	1.81	1.12	1.93	1.49	1.17	.57	16.18	
June	1.70	1.36	1.82	1.27	2.46	2.81	1.97	1.51	1.28	1.17	14.35	
July	3.64	3.26	1.61	1.01	1.89	3.92	1.51	1.74	2.89	3.25	23.72	
August	3.46	1.00	0.68	2.85	2.83	1.56	2.00	2.11	1.68	.03	16.70	
September	1.99	2.71	2.95	1.99	4.49	3.11	1.76	1.49	1.82	1.54	22.85	
October	1.63	6.30	1.76	1.59	3.94	1.93	2.83	3.63	5.57	3.84	31.11	
November	4.07	1.33	0.61	2.99	7.07	5.29	1.92	4.11	5.89	8.02	41.30	
December	1.73	1.84	0.68	8.18	2.23	2.36	4.55	2.91	1.84	2.36	27.68	
TOTALS	27.19	28.16	21.90	26.32	33.15	29.65	33.88	22.69	31.58	29.99	284.51	TD.

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			Havant.	5/8 m.	E.N.E.	Havant	3/8 m.	E.

Station No. 693-T.F.

RAINFALL at Havant (Portsmouth W.I.W.)

41

County of Hampshire.....

Observer Portsmouth W.I.W. 60.

River Basin Itchen Spithurst 5.

(D. Hallon Roma 1963)

Type of Gauge. Standard.....

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

Diameter	5"			322	335						
Height	1' 0"					1					
Altitude	25'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.45	3.58	6.08	2.00	1.96	2.38	3.32	4.87	.88	.88	
February	2.93	.47	1.62	.74	1.90	2.90	2.13	1.24	1.04	5.42	20.39
March	3.39	2.77	.66	.79	.71	1.03	6.25	.72	1.66	1.44	12.84
April	1.35	1.44	.85	1.45	1.04	1.87	1.81	1.88	1.26	2.14	15.09
May	2.05	2.76	2.60	.67	1.95	3.95	1.16	2.29	1.46	1.25	20.14
June	1.31	.46	1.04	1.64	2.19	3.24	1.71	1.97	.72	1.34	15.42
July	3.18	1.55	2.32	2.58	3.88	2.32	1.06	1.16	.27	3.33	21.65
August	3.99	2.65	1.16	2.05	1.73	4.51	.59	3.91	.97	3.42	24.98
September	.40	2.19	2.11	1.71	1.75	3.35	1.20	1.75	2.88	2.84	20.18
October	1.41	3.30	3.40	3.99	4.18	.75	1.24	1.95	7.75	1.44	22.41
November	3.13	1.30	1.91	5.04	.60	4.29	1.45	1.70	3.77	5.65	22.84
December	1.68	3.71	2.54	2.42	3.89	3.36	3.09	4.09	2.11	2.09	28.98
TOTALS	28.27	25.98	26.29	24.48	25.78	33.95	25.01	27.53	24.77	30.26	272.32

Total 15

27.40

20.39

12.84

15.09

20.14

15.42

21.65

24.98

20.18

22.41

22.84

28.98

1.44

2.84

20.18

22.84

28.98

1.44

2.84

20.18

22.84

28.98

1.44

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			Havant	58m	ENE	Havant	78m	E

Station No. 683

T.F.4

RAINFALL at Havant (Portsmouth W.W.)

Gosport (1956)

51

County of Hampshire

Observer Portsmouth Water Co.

River Basin Itchen & Spithead 5

Type of Gauge Smaller + MONTHLY

Annual Average 27.7 in. based on 23 years obs. weighted. Period of average 1916-1950 Ref. P 81-1955.
 " 27.7 in computed by the Cornish (1936) 1916-1950 File No. 778716 P 22
 ref 561245/36 "

Diameter	28.33 in based on 33 yrs 1916-1950															
Height	5"						322	335								
Altitude	1'0"								1							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total				
January	3.55	2.42	1.16	2.10	3.37	4.62	2.19	4.48	3.73	4.18	31.80					
February	5.74	6.61	1.40	3.04	1.95	.13	4.49	2.65	.12	3.47	23.60					
March	4.28	2.75	4.5	3.30	1.20	.34	1.77	1.28	2.25	1.63	19.25					
April	2.45	1.46	1.50	.31	4.4	2.03	2.20	.61	2.18	.85	12.03					
May	2.23	2.41	2.30	2.75	3.68	.31	.83	2.72	.40	1.33	18.96					
June	1.88	1.15	3.15	3.28	2.56	2.10	1.25	2.62	.67	2.04	20.70					
July	2.26	.26	3.82	4.23	.93	2.10	3.75	2.84	2.23	3.55	25.97					
August	4.43	2.19	1.64	3.18	2.11	2.69	2.36	4.49	4.13	5.06	32.28					
September	2.79	3.66	3.05	2.57	2.07	2.98	3.07	4.02	.19	5.20	29.60					
October	1.32	4.10	3.36	2.60	2.60	1.45	1.89	2.00	2.76	7.87	29.95					
November	7.46	4.12	1.61	5.73	1.88	.59	2.91	2.51	3.98	6.05	36.84					
December	2.92	2.98	.71	3.23	4.08	4.62	2.15	4.02	7.35	4.55	36.61					
TOTALS	41.31	28.11	24.15	36.32	26.87	23.96	26.86	34.24	29.99	45.78	317.59					
	D	D	D	D	D	D	D	D	D	D						

1956, FEB. 1957, FEB. Record site

Position of Station on Ordnance One-Inch map : No. of Map 121 National Grid Reference 50(1) 711.063

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1951			Havant	5/8 m	ENE	Havant	3/8	E

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
		✓	✓	✓	✓	✓