

## RAINFALL AT Ryde

70

Lat.

Long.

County of

Isle of Wight

Rain Gauge, by

Observer

Francis Newman Esq.

Diameter.....										8
Height.....										1.0
Altitude.....										83 1/2
Year .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879
										MEANS.
January.....										1.53 4.27
February.....										2.11 4.46
March.....										1.55 .72
April .....										2.50 3.59
May.....										3.29 2.50
June .....										1.24 3.99
July.....										2.25 3.74
August .....										5.22 4.93
September.....										1.94 3.97
October.....										3.03 .99
November.....										2.96 .59
December .....										1.86 1.06
TOTALS .....										2948 3481

Shrub 2 ft. qm high 2 ft. qm S  
 " 5 ft. " 3 ft. N  
 All Saints Church 430 yards S.S.W.

Sta. No. 333471

NGR S2 (40) 596<sup>7</sup> 928<sup>2</sup>

## RAINFALL AT

Ryde

80

Lat.

Lon.

County of

Isle of Wight

Rain Gauge, by

Observer

T. Norman Seg.

Diameter ....	8		8								
Height ....	1.	-		1.							
Altitude ....	83 ft			83							
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	1.48	3.73	1.66	2.98	3.45	1.85	4.48	2.97	.89	1.13	2.362
February .....	3.27	3.51	1.71	4.42	2.75	3.38	.80	.87	1.05	1.57	2.333
March .....	1.12	2.67	.76	.82	2.42	1.84	2.35	.93	3.92	2.04	1.857
April .....	1.78	.88	4.02	1.27	1.26	1.38	1.65	1.03	1.39	2.07	1.663
May .....	.47	1.39	1.12	2.27	1.03	3.24	3.69	1.23	1.74	1.79	1.797
June .....	2.63	2.04	2.78	1.21	1.89	1.58	.62	1.30	2.93	.50	1.748
July .....	3.21	1.84	2.74	2.12	1.90	.76	2.64	.78	5.22	2.01	2.322
August .....	.82	4.27	2.14	1.18	1.90	.40	1.13	1.75	1.66	2.46	1.771
September .....	5.80	2.28	2.46	4.49	2.54	4.88	1.74	3.78	.64	.65	2.926
October .....	6.61	1.77	7.02	2.44	.95	4.18	5.21	1.22	2.24	7.64	3.928
November .....	3.09	4.57	4.19	4.97	.97	3.32	3.62	3.50	5.17	1.55	3.495
December .....	4.24	3.35	2.90	1.02	4.10	1.58	5.82	2.18	1.64	2.00	2.883
TOTALS .....	33.52	32.30	33.50	29.19	25.16	28.09	33.65	21.54	28.49	25.41	29.085

All Saints Church Ryde 430 yards S.S.W.

Shrub 9ft high 3ft S

. 5ft . - 3ft N.

S.R. No. 333471

NGR SZ (40) 596' 928'

## RAINFALL AT Ryde Town Hall

Lat.

Long.

County of Hampshire Iqwr  
Observer F Newman Esq  
cmathew Esq

Rain Gauge, by

Diameter .....	8									8
Height .....	10									50 0
Altitude .....	83 ft									144
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January .....	4.18	1.18	1.93	4.47	3.13	.90	1.37			3.84
February .....	.68	1.00	3.53	2.52	.08	.24	2.37			3.51
March .....	1.24	1.03	.41	1.60	1.97	3.15	3.81			.87
April .....	2.69	.99	.04	1.85	2.40	.39	1.93			2.96
May .....	2.26	1.00	1.06	1.07	.22	.42	1.70			1.01
June .....	2.42	1.70	1.28	1.93	.86	2.20	2.21			.60
July .....	3.28	3.23	5.06	5.08	3.38	.95	1.10			.73
August .....	3.67	2.44	.98	2.31	2.19	1.67	3.37			.53
September .....	.74	3.03	2.50	3.55	.42	7.80	2.25			1.99
October .....	1.20	4.43	4.90	4.76	3.20	3.73	.32			2.67
November .....	2.63	2.76	2.14	7.17	4.70	.66	1.39			4.60
December .....	.76	2.45	3.49	2.33	3.04	2.91	2.78			1.40
TOTALS . .	25.75	916	25.24	27.42	38.64	25.59	25.02	24.60	(24.71)	27.50 *

lock small

1890 All Saint Ryde 430 yards S.S.W.

Shrub 3' 4" high 2' 9" S

9' 0" . 3' 0" N

The gauge is in Mr. Newman's garden (at 5 St. Thomas St.?) there being no space at ground level at the Town Hall.

1899 Sept. 26 Farnhamwood 500 yards N 1ft above roof + 50 ft above ground

\* computed without using 1899 from Thornborough

Pl. No. 333 &amp; 71

N.F.R. 52 (40) 596<sup>7</sup> 928<sup>2</sup>

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RAINFALL AT Ryde, Town Hall & Police Station

Lat. .... Lon. .... County of Isle of Wight

Glaisher Rain Gauge, by Observer C. Mathew Esq.

Diameter	10	8									
Height	45.6	2.010	2.0								
Altitude	144 ft	152	144								6 ft
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEAN.
January	3.60	.98	1.12	2.42	3.99	1.08	7.56	.78	.92	1.27	2.372
February	4.91	1.04	1.50	1.57	4.40	.59	3.84	1.20	1.07	.33	2.045
March	.85	3.10	1.81	3.24	1.15	5.14	1.40	.40	2.48	4.17	2.374
April	1.02	2.51	1.65	2.62	1.43	2.17	1.18	4.26	2.41	1.19	2.044
May	1.19	.62	2.20	2.60	4.58	42	1.80	2.56	1.75	1.56	1.928
June	2.67	1.11	2.50	2.06	1.07	4.46	1.31	2.08	.76	3.86	2.138
July	.98	4.00	1.16	2.12	1.71	.21	.46	1.30	1.45	2.01	1.540
August	1.83	1.63	4.97	4.45	2.61	2.57	.90	1.11	2.54	2.42	2.503
September	.67	2.29	.79	2.88	2.11	2.94	1.34	.67	2.00	4.01	1.970
October	3.13	2.99	2.31	8.15	2.40	2.14	5.08	6.79	2.03	7.96	4.298
November	2.98	.55	3.54	1.81	1.77	5.25	4.86	2.44	1.14	.93	2.527
December	3.48	3.89	2.15	2.64	3.90	.68	1.90	3.25	3.44	5.05	3.038
TOTALS	27.31	24.71	25.70	36.56	31.12	27.65	31.63	26.84	21.99	34.26	28.777

D D D D D

Hill

1904 March 11<sup>th</sup> Gauge moved and lowered; 1100 S

all down to Church 700 ft W

Promenade Station 2300 " NE

Police Station 300 ft S 25 ft S

1906 Old glass of 1 ft moved in 1904 to Police Station on ground level with building about 30 ft S + ground dropping 3 ft. 8 ft to S Recommended new ft. 0 ft.

1909 Gauge moved to a pt 3/4 mile N E

Trinity Church 400 yards S

Esplanade Station 200 " W

Inspected by C.S. 1906

Spa. No. 333471

N.E. S 240° 596' 928"

## RAINFALL at Ryde Esplanade Gardens

County of Hampshire

Observer C Mathewson

River Basin Isle of Wight

T. P. Goodman Esq.

Gauge Rain Gauge, by

Diameter ...	8												
Height .....	2 0												
Altitude ...	6 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	2.90	1.20	3.77	4.85	.61	4.93	1.30	(.99)	3.57	6.37			
February ...	4.07	1.64	2.23	1.17	5.03	5.41	5.88	(.64)	1.15	2.72	10.39		
March .....	1.22	1.65	4.43	3.80	5.32	.50	3.17	(2.24)	1.03	4.69	11.13		
April .....	1.50	1.58	.07	3.07	1.06	1.06	.46	(2.00)	2.33	1.59	6.38		
May .....	1.54	1.48	.92	2.29	1.02	3.26	1.12	(1.86)	1.43	.27	4.38		
June .....	2.00	1.77	3.58	.56	1.02	.87	1.56	(2.27)	.94	1.18	5.95		
July .....	2.48	.87	1.59	1.16	2.47	3.04	.71	(1.93)	2.61	.80	6.05		
August .....	2.33	.68	6.78	1.76	1.85	1.78	1.41	(5.35)	1.62	2.92	11.30		
September ..	.15	1.72	2.95	2.82	1.50	2.40	1.79	(1.65)	5.87	1.82	10.63		
October ...	5.26	5.90	3.23	4.12	3.62	3.49	5.03	(5.65)	1.51	.71	12.90		
November ...	4.14	6.03	1.83	3.61	4.01	3.22	5.10	(.87)	2.30	2.30	10.57		
December ...	4.74	8.86	4.28	2.13	9.56	9.26	4.70	(.93)	2.87	6.32	11.682		
TOTALS ...	32.23	33.38	35.66	30.54	37.07	39.22	32.23	(26.08)	N.R.	27.23	31.19	116.73	
	2	2	2	2	2	2	2	2	2	2	2	116.73	

1910 Bandstand 15 ft high 16 ft N

Surfaced H.E.T. 10.20. 10. in good condition,  
excellent exposure but liable to interference

Sta. No. 333478 A.G.W. 52 (20) 596° 928'

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Esplanade	200 yds	W	Trinity	400 yds	S
1919	50° 44' N	1° 10' W						

6016  
20

RAINFALL at Ryde Esplanade Gardens

County of Hampshire

Observer P. F. Holness Esq. C.E.

## River Basin Isle of Wight - 1

Engineer (Ryde)

Glaisher Rain Gauge, by  
M. O. (3 Oct '22)

1920. Inspected April - see last sheet

1921. Houses 30 ft. high 60 yds S.

Sta. No. 333471

NGR 52 (40) 596<sup>7</sup> 928<sup>2</sup>

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	Parish Church.	Distance from gauge
1920	50° 44" N	1° 10" W	Esgalanade	5007ds WNW 1921 0.2 miles E	Trinidi St. George's	5007ds SSW 1921 0.2 miles S

## RAINFALL at Ryde (Esplanade Gardens) M.W.R.

County of Hampshire

Observer B.F. Holme, Esq., C.E.

River Basin Isle of Wight

Barometric pressure

Type of Gauge

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

Diameter	5	Height	19	Altitude	13	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTALS. Means
January	2.31	3.66	2.56	2.52	2.84	4.94	6.40	4.03	5.60	2.76	3.522						
February	1.77	0.03	3.68	0.01	3.92	2.83	5.43	0.58	1.50	3.75	2.350						
March	1.02	1.33	2.95	2.85	1.79	1.85	3.65	0.31	1.13	3.11	1.895						
April	2.92	2.44	0.88	1.84	3.29	1.77	2.16	0.01	2.33	1.10	1.874						
May	3.30	4.16	2.32	1.04	0.93	2.20	2.18	1.44	1.18	.57	1.728						
June	1.42	1.68	0.97	1.27	2.17	3.04	1.92	0.63	1.73	1.17	1.406						
July	2.97	2.43	1.36	1.68	1.56	3.52	1.39	1.83	2.98	2.37	2.109						
August	2.69	1.71	0.76	2.49	3.46	2.22	1.91	2.29	1.32	1.1	1.485						
September	1.91	2.95	4.67	2.11	4.25	2.65	2.08	1.83	0.61	1.58	2.464						
October	0.51	1.14	2.38	1.81	4.65	0.88	2.67	4.00	1.83	4.44	3.631						
November	3.83	2.17	0.75	3.98	2.09	6.36	1.92	5.31	6.95	8.87	4.773						
December	0.84	1.02	0.56	8.98	3.58	3.01	5.68	3.05	1.99	2.22	3.093						
TOTALS	25.49	29.78	23.64	29.58	37.03	31.27	35.29	25.33	34.95	30.88	30.324	44.66					

Inspected 19/10/34 Gauge fixed in wooden frame 21" above ground.  
 Gauge to be set up with rim 12" above ground.  
 Inspected 22.10.37 Gauge was set at 1 ft. from the bottom of the gauge. A flat bottom receiver  
 + Inspection VI.38

N.G.R.: S2 (40) 596<sup>7</sup> 928<sup>2</sup> from beginning of new record.

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	Parish Church.	Distance from gauge	Direction

Station No. 100. M.W.R.

## RAINFALL at Ryde (Esplanade Grounds)

41

County of Hampshire

Observer B. Longman

River Basin Isle of Wight

Borough Publicity Department

Type of Gauge

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

Ref.

" 25.0 in. hornby computed by (1936)

File No. 101243

Diameter	5"					333	471				
Height	1' 0"							1			
Altitude	13'							41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.45	3.89	5.20	2.21	1.63	2.95	2.96	5.57	1.14	.89	Total 3.30.95
February	3.04	.36	1.58	.59	2.05	3.06	1.80	1.27	1.26	5.92	20.72
March	4.19	2.72	.76	.14	.90	1.07	6.13	.73	1.71	1.44	19.81
April	1.14	1.57	.90	1.38	1.48	2.66	2.03	1.76	1.20	1.89	16.01
May	1.93	3.19	2.35	.40	1.76	2.60	1.02	2.78	1.45	1.92	19.40
June	1.06	.69	1.24	1.33	2.12	2.77	1.52	2.03	.63	1.07	14.46
July	1.70	1.32	2.29	2.51	2.92	1.78	1.88	1.00	.47	3.51	19.08
August	3.94	3.26	.93	2.75	1.57	4.45	.85	3.69	1.39	2.86	25.69
September	1.40	2.20	1.54	1.92	2.34	2.19	1.26	1.83	2.79	3.32	21.77
October	.79	3.38	3.30	4.33	3.56	.89	1.70	1.95	2.00	1.63	29.53
November	2.79	.97	1.39	6.00	.54	4.84	1.65	1.71	3.46	5.33	28.68
December	2.03	3.74	2.78	2.84	4.89	2.25	3.65	4.28	2.44	2.62	32.62
TOTALS	28.46	27.28	24.26	26.46	25.76	33.63	26.45	28.60	26.64	31.40	278.94

Inspected 7.7.48 by Mr. R. H. Poulter. Satisfactory.

Inspected Mr. G. A. Livett 7.9.49. Gauge sand but dated. Date removed 10.10.49.

25/15/50 Snap. Mr G.A. Livett Tunnel leading, no bottle, rain 10"

63' flagstaff 10' 88w. Overexposed to N & E. No better site available.  
27/6/50 Gauge repaired & glass bottle in use.

N.G.R. - S2 (40) 596° 908° from beginning of M.W.R. Record.

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

Station No. 606

M.W.R.

## RAINFALL at RYDE (ESPLANADE GARDENS)

51

County of HAMPSHIRE

Observer BOROUGH PUBLICITY DEPT.

River Basin ISLE OF WIGHT - 1

Type of Gauge M.O. 630

Annual Average ... in. based on ... years obs. un-weighted. Period of average ... Ref. ...  
 " 29.0 " computed by Mr. Cornish (926) Ref. 261246/36 1916-1950 P  
 " 29.9 " based on 35 years 1916-1950 File No. ...

Diameter	5"			5		333	471				
Height	10"			10			1				
Altitude	13'			14½		15	15	51			
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	4.07	2.87	1.15	1.90	3.50	4.86	2.89	4.21	3.61	4.23	33.29
February	6.89	.52	1.17	2.90	1.93	.05	4.74	2.61	.16	3.01	23.98
March	4.60	2.64	.39	3.60	1.18	.32	1.74	1.29	2.22	2.12	20.10
April	2.79	1.91	1.28	.34	.33	1.50	.06	.51	2.20	1.05	11.97
May	2.34	1.91	2.69	2.61	3.64	.30	.66	2.62	.26	1.55	18.58
June	1.55	1.20	2.25	2.97	2.73	1.86	2.07	2.89	.52	2.11	20.15
July	1.58	.36	2.90	3.40	.66	2.15	4.38	1.88	2.19	2.82	22.38
August	5.30	1.99	1.94	2.78	1.31	5.60	2.24	3.70	1.94	5.47	32.27
September	3.47	5.02	2.99	2.91	1.79	3.34	3.08	3.92	.14	5.70	32.36
October	1.46	3.90	3.62	2.94	2.27	1.32	2.18	2.76	3.14	7.52	31.11
November	8.34	4.63	1.83	6.84	2.13	.60	3.26	2.35	4.53	6.68	41.19
December	3.62	3.03	.74	3.85	5.11	5.38	2.28	3.86	8.53	4.88	41.28
TOTALS	46.01	29.98	22.95	37.04	26.58	24.28	29.58	32.60	24.44	47.20	328.66
D	D	D	D	D	D	D	D	D	D	D	

May 1951 Inspected R.H. Poultney. Gauge to be moved to a position due north of flagstaff.  
 13.5.55 Gauge lowered 20' from flagstaff and raised 1½'. Case dented but serviceable.

Flagstaff 60 x 20 x 2.5 D.W. in circular

Aug 21. 1957. H. Dight. G. ... dented but serviceable. Large flag pole 62'  
 high 18" dia with decorative lights. The decorative part of the flag pole

Wear考虑 drops & 3 white 8' by 10' windbreaks.

Nov 11. 1959. H. Garrett. G. ... may be due to winds from E.

\* NGR incorrect - has always been 596° 928°

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference S.E.(approx) 532928

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
	✓ NR 17 ✓	✓ ✓	✓ ✓	✓ ✓	