

RAINFALL AT Ruffield Priory

70

Lat.....

Lon.....

County of Surrey

..... Rain Gauge, by.....

Observer.....

J. Fielden Esq.

6/ Shams. mole.

Diameter.....											
Height											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.84	1.43	3.95	1.17	6.27	1.95	2.96				
February.....	1.98	1.63	1.22	3.28	2.36	1.82	3.55				
March.....	1.71	1.80	1.83	3.55	2.75	1.26	1.78				
April.....	1.96	1.86	1.23	1.97	3.94	3.42	2.84				
May.....	1.77	1.80	1.16	1.00	2.48	3.66	4.29				
June.....	3.10	3.20	3.66	1.45	1.88	1.55	4.74				
July.....	1.97	1.12	4.54	1.62	3.69	1.08	4.12				
August.....	2.88	2.41	1.31	3.31	3.10	4.76	5.36				
September.....	2.93	3.47	1.95	3.84	1.41	1.49	3.68				
October.....	4.09	4.78	4.94	1.53	2.23	2.81	1.13				
November....	2.46	2.66	4.04	3.87	5.58	4.29	2.03				
December....	.52	2.22	1.68	6.47	2.11	1.82	1.12				
TOTALS.....	27.21	26.38	30.51	31.51	36.80	29.90	36.60				

1876 1879 Greenhouse 9ft distant 12ft high.

RAINFALL AT *Nutfield Priory*

80

Lat.

Long.

County of *Surrey*

Rain Gauge, by

Observer *J Fielden, Esq*5-Chancery mole.

Diameter	8										
Height	1.2										
Altitude	468 ft	478 ft	468 ft								
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January63	1.22	1.58	2.73	2.36	2.04	4.62	2.28	.90	1.43	1.979
February	2.81	3.24	1.74	3.42	1.83	2.84	4.44	.60	1.65	2.97	2.154
March92	2.06	1.11	.98	1.66	1.70	1.69	1.82	3.70	1.90	1.754
April	1.89	.84	1.91	1.40	1.67	1.35	1.64	1.76	2.47	2.58	1.751
May54	1.54	1.74	1.81	.62	3.01	5.36	1.56	.64	2.23	1.905
June	3.01	2.21	2.21	1.34	1.71	2.03	1.23	.62	4.57	.84	1.977
July	4.53	1.89	3.41	2.63	1.42	.20	3.16	.83	5.48	2.00	2.555
August76	4.58	1.93	1.13	1.21	1.06	1.52	2.42	1.62	3.12	1.935
September	6.37	2.65	2.09	3.18	3.18	4.59	2.05	2.59	.94	.99	2.923
October	7.18	2.82	6.4	2.59	1.66	3.95	2.61	1.53	1.68	5.16	3.577
November	3.20	3.36	3.00	3.80	1.24	2.95	3.39	4.22	4.11	.84	3.011
December	2.79	3.07	2.85	.79	2.85	1.37	3.56	1.59	1.20	1.83	2.290
TOTALS	35.38	29.48	30.8	25.80	21.41	27.09	31.27	21.82	28.96	25.89	27.811

1880. Nutfield Church, 1 mile. N.E.

1880 Greenhouse 12 ft. high 9 ft. E

Shrubbery 18 ft. - 21 ft. W

RAINFALL AT Nutfield Priory

Lat.

Lon.

County of Surrey

Rain Gauge, by

Observer Mr J. Fielden Esq

5- Sharrow Mole

my first fall

Diameter	8											
Height	1.2											
Altitude	468 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.74	2.53	.69	2.33	4.15	2.22	.90	2.22	.84	2.70	2.132	
February93	.04	1.44	3.52	2.14	.28	.36	2.62	1.24	2.64	1.521	
March	2.70	2.58	1.26	.82	1.01	1.64	3.57	3.97	1.33	.63	1.951	
April	2.43	.63	1.77	.06	2.11	1.98	.90	1.66	1.06	3.00	1.560	
May	1.66	2.29	1.39	.75	1.66	.51	.25	1.41	3.30	1.40	1.462	
June	3.19	1.87	4.42	.91	2.47	.51	3.08	2.25	1.97	1.23	2.190	
July	3.99	5.05	1.85	2.65	4.59	4.88	1.17	1.18	.63	.58	2.660	
August	2.96	4.64	3.55	1.01	2.56	3.12	2.44	2.57	1.13	.71	2.469	
September....	1.21	1.25	2.25	1.48	2.12	.43	7.47	2.29	.40	2.84	2.144	
October.....	1.40	6.01	4.10	3.81	4.27	3.38	4.87	.56	3.33	2.18	2.291	
November....	2.00	2.72	2.78	2.59	4.79	4.89	1.50	1.35	3.97	4.73	3.182	
December....	.92	3.49	1.96	2.34	2.22	2.70	3.57	2.95	2.45	1.37	2.399	
TOTALS . .	26.13	33.10		27.49	22.27	34.09	26.54	30.08	25.03	21.65	24.01	27.039

1890 Nutfield Church, Mile NE

Greenhouse sft hgh sft E

Shrubs 18" " 17 " S

RAINFALL AT Nutfield Priory

Lat.

Lon.

County of

Surrey

S. Thomas Mole

Rain Gauge, by

Observer

Mr J. Moffatt

New Gauge

Diameter										8
Height										12
Altitude										4315'
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January88 3.11
February										1.26 2.94
March										1.79 .68
April										1.15 3.12
May										3.40 1.39
June										1.97 1.35
July61 .58
August										1.15 .72
September45 3.00
October										3.35 2.29
November										4.12 5.09
December										2.89 1.48
TOTALS										23.0325.75

Brick wall 12 ft high 135 ft

RAINFALL AT Nutfield Priory

Lat.

Lon.

County of

Surrey East

Copper Rain Gauge, by N+3
5/ Shams. Scale. Observer. Mr Fielden

Diameter ..	8										
Height ..	1 2										
Altitude ..	468 ft										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MRAINS.
January ..	3.43	1.28	.82	2.33	4.23	1.28	4.78	1.28	1.79	1.22	2.3444
February ..	3.90	1.84	1.08	1.78	2.73	.68	2.53	1.31	1.37	.56	1.778
March ..	.59	2.17	1.82	2.57	1.59	3.80	1.66	.99	2.86	3.21	2.726
April ..	1.11	1.92	.87	2.30	1.51	1.73	.56	3.68	2.91	1.71	1.830
May ..	1.19	1.58	2.68	2.75	2.54	.72	1.39	2.15	2.23	1.64	1.887
June ..	2.55	1.63	4.29	5.32	1.22	5.19	2.02	1.83	1.88	2.93	2.886
July ..	1.47	2.45	1.86	4.45	.96	.72	.62	1.37	3.23	4.05	2.118
August ..	3.53	2.04	3.61	4.05	1.61	2.49	.98	3.07	4.09	2.85	2.732
September ..	1.24	1.83	.48	2.53	1.60	2.06	1.74	.62	1.53	3.43	1.706
October ..	2.04	3.81	2.27	7.26	2.71	1.55	3.94	4.08	2.20	5.15	3.801
November ..	2.93	.72	2.08	2.79	1.58	4.32	5.41	2.57	1.04	1.01	3.445
December ..	3.00	4.22	1.32	1.94	2.78	.66	2.25	3.23	2.78	3.61	2.579
TOTALS ..	26.98	25.49	23.18	40.07	25.06	25.20	27.88	26.18	27.91	31.37	27.932

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1901 Nutfield church 1 mile N.E.

Greenhouse 12 ft high 8 ft NE

Shrubs 8 ft high 8 ft S 1905

1904 Nutfield Station 1/2 mile S 700 small in Jan 7 & Feb

1906 Redhill - 2 - W

St Peters & Paul Church - E

1909 Nutfield Church 3/4 mile NE

RAINFALL AT Nutfield Priory

Lat.

Lon.

County of

Surrey East.

Cylindrical Rain Gauge, by N.Y.C.
5/ Shallow hole.

Observer Mr J Moffat

Diameter ..	8										
Height	1	2									
Altitude ..	431 T						351	431 T			
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.65	1.35	.84	2.39	5.23	1.34	5.62	1.29	1.62	1.18	2.451
February ..	4.87	1.64	1.14	1.87	3.30	.92	2.73	1.46	1.39	.57	1.979
March ..	.72	2.35	2.15	3.04	1.68	4.10	1.57	1.01	2.89	3.63	2.314
April ..	1.14	2.14	.92	2.24	1.64	1.89	.66	3.74	2.48	1.79	1.864
May ..	1.23	1.66	2.65	2.86	2.59	.75	1.48	2.26	2.22	1.69	1.939
June ..	2.43	1.63	4.18	5.25	1.19	5.01	1.98	1.78	1.85	2.93	2.703
July ..	1.53	2.52	1.94	4.58	.94	.73	.64	1.35	3.16	3.85	2.124
August ..	3.21	2.16	3.66	4.17	1.62	2.52	1.10	3.03	3.99	2.41	2.777
September ..	1.22	1.90	.48	2.53	1.76	2.04	1.69	.62	1.31	3.29	1.684
October ..	2.09	3.50	2.23	7.38	2.75	1.61	4.19	4.28	2.14	5.34	2.551
November ..	2.96	.74	2.16	2.84	1.56	4.85	5.37	2.58	1.04	.99	2.509
December ..	3.26	4.52	1.41	2.34	3.07	.77	2.41	3.42	2.95	3.86	2.801
TOTALS ..	28.31	26.11	23.76	41.49	27.33	26.43	29.44	26.82	27.04	31.53	28.826

1903 St Peter & Paul Church 3/4 mile NE

Nutfield Station 1 mile S

Wall 12 ft high 60 ft N

1906 Gauge practically stands in the open

1908 New gauge

RAINFALL at Nutfield Spring

County of Surrey

Observer Mr Fielden

River Basin Thames-Mole 5

Rain Gauge, by N+3

1910 green house 12 ft high 6 ft E
1911 trees 30 ft - 30 ft W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Nutfield	$\frac{1}{2}$ mile	S	Nutfield	$\frac{1}{4}$ mile	NE

RAINFALL at Nuffield QuarryCounty of SurreyObserver J. M. MoffattRiver Basin Thames. Mole 5Rain Gauge, by N+3

Diameter ...	8	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height	1.2											
Altitude ...	331 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		
January ...	2.44	1.52	2.92	4.20	.98	4.29	1.72	1.68	3.46	3.96	2.717	
February ...	3.79	1.59	2.22	1.05	4.86	5.05	5.08	1.16	1.45	2.43	2.868	
March	1.23	2.17	4.17	3.29	5.63	.86	4.62	2.13	1.11	4.11	2.932	
April	2.09	2.23	.07	3.40	1.36	1.43	1.40	2.76	4.03	2.89	2.166	
May	2.44	2.07	1.21	2.22	1.33	3.12	3.09	1.75	2.01	.18	1.942	
June.....	1.99	2.45	4.91	.45	1.03	1.37	2.30	1.66	.62	.99	1.777	
July	3.07	.35	1.23	3.03	2.45	4.53	1.29	4.66	5.27	1.97	2.795	
August.....	2.61	.59	5.98	1.96	1.61	2.46	3.67	5.61	1.27	2.40	2.816	
September ..	.76	1.68	3.08	1.67	1.80	2.37	1.74	2.39	5.66	1.11	2.146	
October ...	2.96	4.66	3.26	4.63	1.75	2.95	5.60	4.38	2.04	.92	3.315	
November ..	3.74	5.37	2.82	3.07	4.34	3.06	6.26	1.75	2.45	2.14	3.500	
December ...	4.38	7.04	3.47	1.67	8.66	7.10	3.38	2.78	2.81	4.91	4.620	
TOTALS ...	31.50	31.72	35.44	30.64	35.00	35.59	40.15	32.71	32.18	28.01	33.594	

1910 Brooklands 12 ft high 75 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Nuffield	1/2 mile	S	Nuffield	1/2 mile	N

RAINFALL at Nutfield Priory

County of Surrey

Observer Mrs Fielden

River Basin Thames. Mole 5.

Mrs. Ferris (1921)

Mrs. Ferris (1921)

1922 9 Mayadi probably

Cylinder Rain Gauge, by N. & J.

1920 Greenhouse 12 ft high 8 ft E.

Trees 50 " " 30 " W.

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	Parish Church.	Distance from gauge
1920			Nutfield	1/2 mi S	Nutfield	1 mi NE

RAINFALL at Nutfield Priory

County of Surrey

Observer Mr J. Moffatt

River Basin Thames - Mole 5-

Gauge

Cylinder Rain Gauge, by Dr. S. J.

Diameter ...	8										
Height	1	2									
Altitude ...	331		313	431	331		313				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.43	2.96	3.73	1.72	2.93	2.91	3.03	2.31	3.59		
February ...	6.6	2.27	2.52	3.92	1.81	4.20	2.62	4.61	1.48		
March	1.76	1.64	2.03	1.69	1.53	.87	1.48	3.00	2.09		
April.....	2.92	1.50	3.17	2.30	3.98	3.19	4.18	2.15	1.81		
May	1.22	1.73	.86	3.27	3.83	2.53	1.89	1.13	2.33		
June	1.53	.14	1.45	.55	2.81	.21	3.88	3.88	2.44		
July	4.80	.21	3.82	4.01	4.10	4.80	2.09	3.16	1.80		
August	1.47	1.81	2.65	2.15	3.84	2.89	2.62	5.30	2.41		
September...	4.57	1.05	1.88	1.59	3.48	2.86	.79	5.79	.44		
October.....	1.38	1.26	.99	7.00	3.71	3.47	2.42	2.15	5.89		
November...	2.04	1.72	1.86	1.72	3.35	2.97	5.83	3.07	2.73		
December...	3.06	1.87	4.15	3.02	3.42	3.53	.58	5.28	3.12		
TOTALS...	28.84	16.16	29.11	32.86	37.79	34.43	30.41	41.83	20.59	#	94557249
	2	2	2	2	2	2	2	2	2		

1920. Brick Wall 12 ft high 73 ft N.

1922 Trees 20 ft high 50 yds S.

1926. Wood Loft. W.

" House 90.. S.

3 inspects 21/8/29 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.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Nutfield	3/4 mi	S	Nutfield	1 mi	N.E.
1926			Redhill	1 m	W.			