

## RAINFALL AT Frampton Cotterell Park House

Lat. ....

Long. ....

County of

W Gloucester

Smyth's Standard Rain Gauge, by Casella  
L. Ann. 5.

Observer H. H. Hardinge Esq.

Diameter ..										5	
Height .....										10	
Altitude ..										158 ft	
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..										1.32	1.83
March .....										1.57	1.53
April .....										.92	2.38
May .....										3.02	2.49
June .....										2.39	1.09
July .....										3.46	.84
August .....										3.05	2.20
September..										1.80	4.23
October....										.55	2.24
November..										5.25	1.76
December ..										2.70	1.10
TOTALS ..										5.86	2.19
										31.79	23.88
											31.98

1907 Frampton Cotterell Church 1/2 mile ENE  
 Winterbourne Station 1/2 WSW

Rejected from Survey : 2° too low.

## RAINFALL at Frampton Cotterell Park Home

County of Gloucestershire

Observer H. H. Harding Esq

River Basin Lower Avon 5

Snowdon Rain Gauge, by Casella

Diameter ...	5	?											
Height .....	10												
Altitude ...	158 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.R.A.N.S.	Total	
January ...	2.22	.78	4.13	4.70	.98	3.40	2.68	1.07	3.26	3.81		16.9	10.82
February ...	3.69	1.86	2.18	.88	2.87	3.75	4.44	1.04	1.70	2.43		9.61	
March .....	.53	2.48	4.50	3.44	4.04	1.05	3.86	2.19	1.50	4.90		12.44	
April .....	2.09	1.12	.15	2.94	1.25	.99	1.17	1.28	2.00	1.87		6.32	
May .....	1.78	.88	2.26	2.39	1.43	2.82	3.17	2.39	1.95	.34		7.85	
June .....	4.87	2.58	5.25	.80	1.83	1.09	2.81	2.56	1.13	1.14		7.14	
July .....	1.99	.02	4.38	.48	4.70	5.85	1.47	1.99	4.80	3.22		11.48	
August .....	5.59	1.35	6.52	1.12	2.37	1.94	4.07	6.32	2.10	2.18		16.67	
September ..	.26	1.42	.60	2.45	1.75	1.50	1.15	2.40	8.55	1.57		13.67	
October ...	4.55	2.51	3.85	2.24	1.84	3.46	5.68	4.25	1.36	2.25		13.54	
November ..	3.91	3.94	1.71	2.54	3.44	1.70	2.26	.81	1.68	1.56		6.31	
December ...	4.26	5.71	5.24	1.63	6.10	5.66	4.01	.51	3.03	4.63		12.18	
TOTALS ...	35.74	24.65	40.77	25.61	32.60	33.21	36.27	26.81	33.06	29.90		126.04	
	7	7	7	7	7	7	7	7	7	7		7	

Rejected from Survey: 2° too low

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.31.575	2° 29' 6" W 22° 29' 6" E	Wotton House Park Jenman	1/2 miles	S.W. N.E.	Frampton Cotterell	1/2 mile	E.N.E.

2194  
20

## RAINFALL at Hampton Biotell (Park House).

County of Gloucester Observer H. K. Harting Esq.

River Basin 5 - Lower Avon.

*Snowdon* Rain Gauge, by *Coxella*.

Diameter ...	5	Height .....	1.0	Altitude ...	1528	Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MAYBE.
January .....	3.80	3.16	2.80	1.46	4.03	2.96	4.61	3.12	5.10	1.00	4.83	36.81				Totals	
February .....	1.22	31	4.13	5.89	.21	3.30	2.06	3.05	3.10	1.22	.53	25.02					
March .....	2.45	1.49	3.24	1.29	1.27	.63	3.9	2.58	2.93	.33	2.29	18.89					
April .....	3.90	.87	2.94	2.00	2.42	1.68	2.70	1.10	1.04	.85	2.06	21.61					
May .....	2.37	1.75	.82	1.70	5.11	4.58	3.41	1.01	.97	2.06	1.08	24.86					
June .....	3.26	.24	1.07	.65	3.83	.01	1.58	2.94	2.13	2.01	.85	18.47					
July .....	4.28	.53	4.03	2.20	4.15	3.03	2.33	4.21	3.07	1.33	3.78	32.94					
August .....	1.30	2.10	4.54	2.70	4.50	2.86	2.43	4.28	2.09	3.57	3.14	33.51					
September .....	1.82	3.85	1.79	2.76	3.27	3.82	1.96	6.67	1.08	.24	3.58	29.84					
October .....	2.35	1.40	1.24	4.83	5.67	3.47	3.52	2.13	5.42	4.82	2.56	37.41					
November .....	1.51	2.16	1.49	2.02	2.74	1.47	6.59	2.54	3.34	8.21	4.07	36.13					
December .....	2.81	1.78	4.07	2.90	4.99	4.17	.55	3.09	3.28	7.13	3.23	38.00					
TOTALS...	31.07	19.57	32.16	30.30	42.19	31.98	31.18	36.72	33.55	32.77	32.00	353.49					

1926. Stevenson Thermometer stand left away L.W.

Corrogated Iron Shed, 8' high, 10' away to N.

Aug 15<sup>th</sup> 1923 E manu Soysa NE.

1928 Name 25 ft. back N.N.W. 25 ft.

shed 10 " 10 ft. 2

1929. Tadpole Lge. high 15 mm. N.E.

*Selected from Arsenic*      2° 1' 1"      (Arsenic removed after 9 months 1927-32 = 87.8% OK.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.	
Date.	Lat. N.	Long. E.S.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920	51° 3' 15"	2° 29' 6"	Whitchurch Mayronde (M.R.)	1½ m. S.W. N.E.	Hampton Lattiford	½ m. N.E.

## RAINFALL at Brampton Cotterell (Part House)

County of... Gloucestershire

Observer H. H. Harding Esq.

River Basin Lower Avon TC - S

Type of Gauge Standard

Annual Average 22.8 in. based on 6 years obs. un-weighted. Period of average 1928-32

Ref. Survey

4059/30.

Diameter	5											Totals.
Height	10											Mmns
Altitude	158											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.13	3.80	2.56	2.58	.85	3.31	3.87	4.21	5.17	2.09	30.57	
February	2.00	1.4	3.32	2.26	3.10	2.21	4.06	1.02	1.45	2.54	20.10	
March	1.44	2.40	2.88	1.79	.83	2.28	3.55	.29	1.58	2.66	18.59	
April	2.42	3.41	1.29	2.22	4.33	2.17	2.86	.11	2.98	2.34	24.13	
May	3.19	6.08	2.53	1.33	.81	1.41	2.43	1.82	.83	3.00	22.43	
June	3.42	1.33	1.77	1.03	3.87	2.82	3.14	1.17	2.11	.82	21.48	
July	4.45	2.73	1.81	1.35	.64	6.00	3.21	2.76	4.32	5.74	33.01	
August	3.62	1.82	1.83	1.89	3.07	1.41	.49	4.32	2.33	.16	18.44	
September	1.44	4.91	3.78	2.33	7.07	2.74	1.68	2.16	1.00	1.34	28.75	
October	.61	6.20	2.37	2.01	6.26	1.48	3.16	5.45	2.27	3.61	33.42	
November	4.13	2.01	0.97	1.11	5.49	4.06	1.42	3.78	5.61	7.00	35.58	
December	1.96	1.47	0.86	6.24	3.82	2.86	2.13	3.59	2.02	1.26	26.20	
TOTALS	30.11	35.30	25.47	24.14	40.14	30.75	32.00	30.68	31.67	32.44	312.70	YH
	D.											

1931. House 35' high 30' N. Yellis work 6' high 10' N.E. Louvhouse 8' high 20' E.

Fruit trees 15-25' high 20'-50' SE &amp; N.W. Stevenson screen 6' N.W.

1937 House 30' high 27' N. Fence 6' high 9' N.E. E. French trees 18' high 6-S.W. Stevenson screen 6' high 9' W.N.E.

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
1931.			Winterbourne 2G. Coaley Heath	1/2 m	S.W. ✓ S.S.E.	Brampton Cotterell	1/2 m	N.E.

RAINFALL at Frampton Cotterell (Park House)

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County of Gloucestershire

Observer H. H. Hardinge Esq.

River Basin Lower Avon &amp;c. -5

Type of Gauge Standard

Annual Average 29.8 in. based on 5 years obs. un-weighted. Period of average 1928-32 Ref. S

File No. 4059/30

Diameter	5"			4.7	9.91							
Height	1' 0"					1						
Altitude	158'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.23	2.86	5.34	1.90	2.29	2.91	2.25	4.91	1.07	.78	27.54	
February	3.61	.46	1.65	.62	3.11	2.22	1.46	1.53	1.15	5.23	21.04	
March	3.04	1.97	1.21	.28	1.00	1.18	6.02	1.73	1.30	1.23	18.96	
April	1.16	.98	1.02	1.90	1.12	2.79	2.43	2.07	1.93	2.45	17.85	
May	1.81	4.18	2.81	1.06	2.73	4.56	3.39	4.74	3.53	2.27	31.08	
June	1.71	.38	1.81	3.59	3.64	3.30	1.85	2.58	.52	1.91	21.29	
July	1.61	2.79	1.81	2.25	1.60	.97	3.11	.86	1.58	4.10	20.74	
August	3.62	5.54	4.11	3.10	2.72	7.08	1.19	3.36	2.18	6.03	38.96	
September	.81	1.93	2.40	3.55	2.91	3.42	1.81	2.37	2.91	4.15	26.56	
October	2.50	3.99	2.52	4.93	3.87	1.03	.59	3.65	6.89	1.46	31.43	
November	2.03	1.54	2.03	5.10	.33	4.56	2.47	1.52	2.91	5.79	28.28	
December	2.25	2.98	1.58	1.93	3.94	3.13	2.13	4.04	1.74	2.14	25.86	
TOTALS	27.38	29.60	D	28.38	30.21	D	29.26	37.15	28.70	33.36	27.71	37.84

Totals.

309.59

yds.

1943 new station

Incepted 7.11.48. { Bush 8 ft high - 6 ft away Name 20 ft high 24 ft away.  
10 ft long - 8 ft away  
R.C.O. Ashford.

Gauge to be moved to leather etc nearer centre of lawn.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map.....

Reference No. ST(3) 663816

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

Station No. 2194

27/4/60

RAINFALL at Frampton Cotterell (Park House) (MWR) 51

County of Gloucester

Observer H. N. Harding

died 20.3.53

River Basin Lower Avon &amp; G-5

A. G. Harding Esq. M.A., F.R.Met.S.

Type of Gauge Snowdon

Probably opp. to Pumping Station 2194/1

Annual Average 27.8 in. based on 5 years obs., un-weighted.  
31.48" .. 35" - 1916-1950

Period of average 1928-32

1916-1950

P

File No. 4059/30

Diameter	5"	417	991								Means
Height	1' 0"		1								Total
Altitude	158'		51								
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	3.89	2.43	.92	1.96	2.56	3.43	2.34	2.53	3.78	2.82	26.66
February	4.35	.70	1.33	3.11	1.65	.39	2.69	3.32	1.29	1.93	19.76
March	3.88	2.72	1.15	2.76	1.26	.64	2.61	1.01	3.05	1.76	21.84
April	3.36	1.21	3.01	.50	.98	1.37	.03	.87	2.46	1.12	15.91
May	2.43	4.10	2.31	1.90	3.94	.43	1.24	2.68	1.27	.74	21.04
June	.73	2.29	1.89	4.85	2.60	1.79	1.62	3.77	1.80	1.99	23.33
July	1.11	1.19	4.18	3.11	.09	2.19	2.93	2.70	2.31	4.06	24.17
August	5.54	4.92	5.07	6.97	.90	4.02	2.51	2.54	2.46	4.31	36.24
September	2.34	2.65	2.70	5.34	1.33	2.14	3.48	4.71	.15	4.20	29.20
October	.65	4.30	2.18	3.39	1.53	1.23	2.51	1.95	2.87	5.38	25.99
November	6.25	4.12	1.95	5.87	2.53	.94	2.07	2.22	3.01	4.40	32.86
December	2.52	1.90	.93	1.72	2.78	2.92	2.14	3.53	5.07	4.19	27.70
TOTALS	37.35	33.53	27.62	38.98	22.15	21.59	26.17	31.89	28.52	36.90	304.70
	D	D	D	D	d	D	D	D	D	D	

1953 Never seen to manif. etc.

1954. House 30' high at 10° N. Buildings &amp; trees 20' high at 20° N.W. Trees 15' high at 9-12° S.E.

1956. Print with 'D' but query (raindays)

1960 Terminated. No longer able to take readings.

Pumping Station

\* Transferred from 2194/1 for 1931-60 averages.

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference ST(31)663816

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1954			Coalpit Heath	1 3/4 mi S.E.	Frampton	500' E.N.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
	✓ Vest - 18	✓ ✓ Vest - 37	✓ ✓ Vest - 37	✓ ✓	