

# RAINFALL AT Frampton Cotterell Park House

Lat. ....

Lon. ....

County of W. Gloucester

Symon's Soudon Rain Gauge, by Cosella  
R. Avon - 5.

Observer H. H. Harding Esq

Diameter ..								5			
Height ....								10			
Altitude ..								158 ft			
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								1.32	1.83	1.36	
February ..								1.57	1.53	.55	
March ....								.92	2.38	2.92	
April .....								3.02	2.49	2.71	
May .....								2.39	1.09	1.47	
June .....								3.46	.84	3.78	
July .....								3.05	2.20	2.04	
August ....								1.80	4.23	2.54	
September ..								.55	2.24	3.30	
October ....								5.25	1.76	5.46	
November ..								2.70	1.10	1.32	
December ..								5.86	2.19	4.53	
TOTALS ..								31.79	23.88	31.98	

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

Rejected from survey. 2" too slow.

RAINFALL at Trampton Coltsall Park HouseCounty of GloucestershireObserver H. H. Harding EsqRiver Basin Lower Avon 5Snoudon Rain Gauge, by Casella

Diameter ...	5		3 8									
Height .....	1 0											
Altitude ...	158 $\pi$											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	2.22	.78	4.13	4.70	.98	3.40	2.68	1.07	3.26	3.81		16.19
February ...	3.69	1.86	2.18	.88	2.87	3.75	4.44	1.04	1.70	2.43		10.82
March .....	.53	2.48	4.50	3.44	4.04	1.05	3.86	2.19	1.50	4.90		9.61
April .....	2.09	1.12	.15	2.94	1.25	.99	1.17	1.28	2.00	1.87		12.43
May .....	1.78	.88	2.26	2.39	1.43	2.82	3.17	2.39	1.95	.34		6.32
June .....	4.87	2.58	5.25	.80	1.83	1.09	2.31	2.56	1.13	1.14		7.25
July .....	1.99	.02	4.38	.48	4.70	5.85	1.47	1.99	4.80	3.22		7.14
August .....	5.59	1.35	6.52	1.12	2.37	1.94	4.07	6.32	2.10	2.18		11.43
September ..	.26	1.42	.60	2.45	1.75	1.50	1.16	2.40	8.55	1.57		14.87
October ...	4.55	2.51	3.85	2.24	1.84	3.46	5.68	4.25	1.36	2.25		13.67
November ..	3.91	3.94	1.71	2.54	3.44	1.70	2.26	.81	1.68	1.56		13.54
December ...	4.26	5.71	5.24	1.63	6.10	5.66	4.01	.51	3.03	4.63		6.31
TOTALS ...	35.74	24.65	40.77	25.61	32.60	33.21	36.27	26.81	33.06	29.90		12.13
	D	D	"	D	"	D	"	D	D	D		42.8

Rejected from Survey: 2° too low

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51° 31' 57.5"	2° 29' 6.4" 2° 4' 29.6"	Wotton Bassett Don Ciston	1 1/2 1 1/2 miles	SW NE	Trampton Coltsall	1/2 mile	E NE

RAINFALL at Hampton Cottrell (Park House).County of Gloucester Observer H. K. Hastings Esq.River Basin 5 - Lower Avon.Hampton Rain Gauge, by Exella.

X

Diameter ...	5												
Height .....	1.0												
Altitude ...	158												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.		
January ...	3.80	3.16	2.80	1.46	4.03	2.96	4.61	3.12	5.10	1.00	4.83	Totals	
February ...	1.22	.31	4.13	5.89	.21	3.30	2.06	3.05	3.40	1.22	.53		
March .....	2.45	1.49	3.24	1.29	1.27	.63	.39	2.58	2.93	.33	2.29		
April .....	3.90	.87	2.94	2.00	2.42	1.68	2.75	1.10	1.04	.85	2.06		
May .....	2.37	1.75	.82	1.70	5.11	4.58	3.41	1.01	.97	2.06	1.08		
June .....	3.26	.24	1.07	.55	3.83	.01	1.58	2.94	2.13	2.01	.85		
July .....	4.28	.53	4.03	2.20	4.15	3.03	2.33	4.21	3.07	1.33	3.78		
August .....	1.30	2.10	4.54	2.70	4.50	2.86	2.43	4.28	2.09	3.57	3.14		
September...	1.82	3.85	1.79	2.76	3.27	3.82	.96	6.67	1.08	.24	3.58		
October .....	2.35	1.40	1.24	4.83	5.67	3.47	3.52	2.13	5.42	4.82	2.56		
November...	1.51	2.16	1.49	2.02	2.74	1.47	6.59	2.54	3.34	8.21	4.07		
December...	2.81	1.78	4.07	2.90	4.99	4.17	.55	3.09	3.28	7.13	3.23		
TOTALS...	31.07	19.57	32.16	30.30	42.19	31.98	31.18	36.72	33.55	32.77	32.00		

1926. Stevenson Thermometer stand 6ft. away G.W.

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

Aug 15<sup>th</sup> 1925 G moved 50 yds NE.

1928. House 25 ft. high, N.N.W. 25 ft.

Shed 10 " " 10 ft. E.

Apple tree 15 " " 30 " S.

1929. Trellis 6 ft. high 15 ft. N.E.

Rejected from survey: 2° low level.

1928-32 = 89.8. OK.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 51' 55"	2° 29' 6"	W. Cottrell (M. 2)	1/2 m.	S.W.	Hampton Cottrell	1/2 m.	N.E.



RAINFALL at Trampton Cottrell (Park House)County of GloucestershireObserver H. H. Harding Esq.River Basin Lower Avon TC-5Type of Gauge SnowdonAnnual Average 27.8 in. based on 5 years obs. un-weighted. Period of average 1928-32 Ref. Survey

4059/30.

Diameter	5											
Height	10											
Altitude	158											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals.	Means
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	.14	3.32	.26	3.10	2.21	4.06	1.02	1.45	2.54	20.10	
March	.44	2.40	2.88	1.79	.83	2.28	3.55	.29	1.58	2.55	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	.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	.82	1.83	1.89	3.07	.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	1.25	26.20	
TOTALS	30.11	35.30	25.47	24.14	40.14	30.75	32.00	30.68	31.71	32.44	312.70	448

1931. House 35' high 30' N. Tello work 6' high 10' N.E. Fordhouse 8' high 20' E.

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

1937 House 30' high 27' N. Fence 6' high 9' NE'E. Fruit trees 18' high 6' S.W. Thermom. screen 6' high 9' W.N.W.

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
1931.			Winterbourn 29. local pit. South	1/2 m	S.W. & S.E.	Trampton Cottrell	1/2 m	N.E.

Station No. <sup>(M.W.R. 163/2)</sup> 2194RAINFALL at Trampton Cottrell (Park House)

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County of GlostershireObserver H. H. Harding Esq.River Basin Lower Avon & C - 5Type of Gauge StandardAnnual Average 29.8 in. based on 5 years obs. un-weighted. Period of average 1928-32 Ref. SFile No. 4059/30

Diameter	5"				4.7	9.91						
Height	1' 0"											
Altitude	158'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.23	2.86	5.34	1.90	2.29	2.91	2.25	4.91	1.07	1.78		27.54
February	3.61	4.6	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	1.87	2.25	1.60	.97	3.11	.86	1.58	4.10		20.76
August	3.62	5.54	4.14	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	4.45		26.56
October	2.50	3.93	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 D	29.60 D	28.38 D	30.21 D	29.26 D	37.15 D	28.70 D	33.36 D	27.71 D	37.84 D		309.59 1944

1943 mark station

Imagined 7.11.48. { Bush 8 ft high - 6 ft away. Hume 20 ft high 24 ft away.  
 R.O. Ashford. { - 10 ft high - 8 ft away

Gauge to be moved to better site nearer centre of lawn.

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

No. of Map.....

Reference No. ST(9) 663816

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

BRITISH RAINFALL ORGANIZATION

27/4/60

Station No.

2194

RAINFALL at Frampton Cottrell (Park House) (NW) 51County of Gloucester

Observer

H. H. HardingRiver Basin Lower Avon & E. S.H. G. Harding Esq. M.A., F.R.Met.S.Type of Gauge SnowdonAnnual Average 27.8 in. based on 5 years obs. un-weighted. 31.48" " 35 " - 1916-1950Period of average 1928-32 Ref W.S.File No. 4059/30

Diameter ...	5"		47	991								
Height ...	1' 0"			1								
Altitude ...	158'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
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	.29	1.93	19.76	
March ...	3.88	2.72	1.15	3.76	1.26	.64	2.61	1.01	3.05	1.76	21.84	
April ...	3.36	2.21	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 ...	1.44	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	3.97	.90	4.02	2.51	2.54	2.46	4.31	36.24	
September ...	2.34	2.65	2.70	5.34	1.33	2.74	3.48	4.77	.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	5.37	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						

1953 Reverted to rain gauge.

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

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

1960 Terminated. No longer able to take readings.

\* 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 Direction from gauge	Parish Church.	Distance Direction 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
	✓	✓	✓	✓	
	✓	✓	✓	✓	