

RAINFALL at Cawthron Cammon HallCounty of W. YorkshireObserver Mr H. G. KitchenRiver Basin Orme - DonCapt. J. H. Purdon Esq.British Rain Gauge, by N+}
336/196

Diameter ...					5					
Height					0 11					
Altitude ...					418					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...					1.60	4.30	2.14	1.74	2.50	3.87
February ...					2.15	4.07	5.35	.76	3.07	2.42
March					2.82	.70	5.20	2.82	1.09	4.15
April90	.95	1.24	2.49	1.13	1.77
May					1.35	1.75	2.65	2.71	3.12	1.19
June					2.24	.57	2.78	2.49	1.12	.80
July					2.39	4.39	1.25	.76	3.23	3.59
August					1.75	3.45	1.80	4.06	1.69	2.75
September ..					1.53	.87	1.37	.93	7.84	1.52
October ...					2.13	1.38	4.21	4.12	1.84	3.16
November ..					4.27	2.36	3.64	1.87	1.59	2.04
December...					6.13	7.68	2.40	1.97	3.62	4.17
TOTALS ...					29.26	32.47	34.16	26.72	31.54	31.46

1910 April 11 9° 51' 5 E

12
13
14
15

Date.	Lat. N.	Long. <u>E</u>	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
53	1.36		Darlington	3 m.	NE	Cawthron Hall	1 m	SE

RAINFALL at Cawthron Cannon Hall

County of W. R. Yorkshire
 River Basin Guse-Dow
Snowdon
 British Rain Gauge, by 22.3

Observer Capt. J. H. Radoc, agent for
J. M. Spencer, Stanhope, Eng.

Diameter ...	5										
Height	0. 11										
Altitude ...	418										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930</u> <u>March</u>
January ...	3.60	3.44	3.29	1.26	1.85	3.00	3.02	1.83	5.24	1.23	3.82
February ...	2.90	.07	2.59	5.39	1.47	4.26	2.21	.92	5.98	.60	.96
March	2.57	1.25	1.99	2.07	1.16	.99	1.19	2.31	2.38	.16	3.39
April.....	4.28	.98	3.90	2.24	1.73	2.70	1.57	3.69	.79	1.29	2.71
May	4.54	1.01	.87	3.17	3.06	4.00	2.98	1.57	2.29	1.33	1.17
June	2.69	.74	1.12	.80	2.28	.14	2.93	2.58	2.79	1.49	1.78
July	5.21	.73	3.74	5.15	2.53	.91	3.11	2.64	.46	2.14	6.78
August	1.44	4.21	7.79	2.53	2.03	2.27	2.87	5.87	2.96	2.51	3.47
September...	1.67	1.05	3.64	1.61	3.12	2.25	1.63	4.38	.35	.49	4.59
October	2.59	1.42	.94	1.32	3.75	5.15	3.29	2.96	4.39	2.76	3.01
November...	1.61	2.07	1.31	4.43	2.33	2.56	5.19	3.99	3.76	4.99	3.04
December...	2.91	4.58	3.83	2.72	2.94	3.67	1.21	2.20	1.72	6.42	2.25
TOTALS...	36.01	20.92	35.01	34.69	28.27	29.90	31.20	34.94	31.11	25.41	36.97

1920. Felt tree 12 ft high 14 ft SE.

1929. Gauge moved 400 yds. E. in December.

New tree 20 ft high 20 yds N.

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
1920	53°	1°36'	Barton	3 mi	NE	Cawthron all saints	1 mi	SE

RAINFALL at Cawthron (Cannon Hall)

County of West Riding

Observer J. M. Spencer-Stanhope, Esq.,

River Basin..... Ouse - Don - 7.

Type of Gauge M.O. ?

Annual Average 29.1 in. based on 16 years obs. un-weighted. *Period of average* 1931-1946 *Ref.* 5

Diameter	5.										
Height	0.11.										
Altitude	418.		415						415		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total 10
January	1.81	2.57	2.00	2.00	1.63	3.44	4.50	3.26	5.60	1.93	28.14
February	3.32	4.44	3.44	2.33	4.49	3.60	4.99	7.75	1.20	2.36	25.82
March	5.58	1.41	2.16	3.13	1.90	2.36	3.09	2.22	2.50	1.96	18.31
April	4.16	2.32	1.07	2.58	2.32	1.27	2.44	1.15	1.39	2.75	20.45
May	2.45	6.19	1.83	1.09	1.44	1.95	2.83	2.79	2.18	1.18	21.93
June	4.51	1.14	1.12	1.71	2.31	4.23	1.99	2.04	2.43	1.47	19.95
July	3.50	2.75	1.93	1.19	1.59	3.02	2.01	2.56	5.04	3.54	26.13
August	4.89	2.29	0.66	1.84	1.82	1.98	1.35	2.72	1.61	1.46	16.52
September	3.78	1.13	2.37	1.85	4.18	2.58	1.38	2.09	1.08	1.31	21.75
October	1.78	3.80	3.43	1.76	4.96	2.56	2.94	4.81	2.75	3.99	31.81
November	3.11	1.40	1.84	2.05	5.18	3.98	2.01	2.92	1.640	5.93	32.82
December	.91	.82	0.54	3.63	2.93	2.69	2.43	2.88	1.95	1.94	20.12
TOTALS	33.80	25.26	24.29	22.06	30.75	31.66	29.99	27.19	32.13	27.82	284.95

1931. Tree 20' high 20 yds N.

June 1938 Gauge moved 40 yds S.

1940. Tree 25' ht. 60 yrs N.

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

References No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Barnsley	5 mls	SE	Gawthorpe	1 ml	E.

Station No. 3173

RAINFALL at Cawthron (Cannon Hall)

41

County of West Riding

Observer T. M. Spencer-Stanhope, Esq.

River Basin Ouse-Dar-7

(1944)

Type of Gauge Standard

Annual Average 29.1 in. based on 11 years obs. ~~year-weighted~~. Period of average 1881-1915 Ref. S

File No. E 7874/48

Diameter	5		085	321							
Height	0	11			1	7 ¹ / ₂					
Altitude	418	415			41	350	350	350	350	350	350
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
											Total
January	4.01	2.25	3.37	3.73	2.74	2.42	2.72	6.11	1.20	1.59	30.14
February	3.90	1.67	1.59	1.44	1.50	4.43	2.84	1.70	1.36	4.86	24.29
March	4.53	1.93	1.96	1.35	1.65	1.49	5.66	1.89	1.86	1.45	18.77
April	1.78	1.31	1.68	1.66	2.09	1.27	2.92	1.88	1.86	2.87	20.32
May	1.66	2.76	2.29	2.07	4.87	1.58	3.17	1.32	1.60	2.29	23.61
June	1.64	1.86	1.15	1.84	2.49	4.05	2.50	2.87	1.48	1.28	17.31
July	1.64	1.97	1.81	2.23	1.60	2.55	1.26	1.07	4.42	2.02	19.57
August	2.01	3.18	2.70	2.27	2.59	4.18	1.29	4.57	1.50	4.77	28.66
September	1.30	1.17	3.27	3.80	1.99	4.26	1.13	1.25	1.10	3.26	20.52
October	3.36	2.15	1.22	2.98	4.26	1.28	1.85	1.00	2.93	1.10	21.13
November	3.30	1.38	2.45	4.78	1.27	5.27	2.44	1.36	4.49	4.67	30.31
December	1.86	1.44	1.27	2.94	1.72	2.79	2.86	2.44	3.59	1.66	21.54
TOTALS	28.59	21.17	22.76	30.19	25.77	35.57	28.64	26.46	26.39	30.66	276.20

41 Ornamental trees 25' 30' high boy N.

1947 Trees 30' + 60' high. 50' + 60' E & S.

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
1941			Barnsley	5	S.E.	Cawthron		E.
1947			Darton	3m	N.E.	"	1m	S.W.

Station No. 3173

RAINFALL at Cawthron (Cannon Hall)

51

County of West Riding - Yorks.

Observer J. M. Sherriff, Stanhope Esq.

River Basin River Don - 7

The Parkes Estate, Barnsley

Type of Gauge Snowdon

Frank Depledge, Esq (1.2 b)

Annual Average 29.1 in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " 29.05 " 17 - with 1937-57 " " 1916-57 " " File No. 7874/48

Diameter	5"											
Height	6' 7 1/2"											
Altitude	350'											
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	1950-60
January	2.32	3.44	.54	2.42	1.84	4.27		3.12	3.25	5.75	28.45	
February	3.38	.87	1.91	2.90	3.13	1.13		5.00	.12	2.29	23.23	
March	3.71	2.03	1.45	2.26	2.71	.99		2.25	1.22	2.30	20.27	
April	1.34	1.90	2.41	.32	.53	2.92		.54	4.54	1.04	15.74	
May	6.25	2.11	2.33	3.37	2.86	.62		2.85	.90	1.94	24.03	
June	.85	1.21	2.77	1.17	1.96	2.77		4.68	2.21	0.75	20.12	
July	2.72	1.64	3.19	1.88	.54	5.11		4.91	1.43	3.42	27.59	
August	4.46	1.53	2.87	5.54	.62	6.30		2.12	.53	4.30	33.02	
September	1.27	2.33	1.93	2.51	1.01	3.66		2.62	.06	2.90	21.79	
October	1.66	4.39	1.76	3.60	1.89	1.50		1.81	1.91	7.53	27.30	
November	8.56	1.62	2.23	5.41	.87	.77		.72	3.79	4.45	30.67	
December	4.15	3.08	1.42	3.37	3.02	3.84		3.98	4.61	3.56	34.03	
TOTALS	40.67	26.15	24.81	34.85	20.98	33.88		34.60	24.57	40.23	306.24	
	D	ND	D	D	D	D		D	D	D		

1951. 4000 ft. high 50° E. House 60' high 50° S.

1956 Observ. conforms entries to day of reading will change W.E.F. 1.1.57
1957 Taken over by Parkes Estate, Barnsley Co. Ltd.273084
56(44) 00-223
228-093

Position of Station on Ordnance One-Inch map :			No. of Map.....	National Grid Reference			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Darton	3 m.	NE.	Cawthron	1 m. SW.

Summary of Earlier Records from 10-year Sheets :

-	1910-19 (A)	1920-30 (B)	1931-40 (C)	1941-50 (D)	1951-60 (E)
Record D, or d	C 1914 1 but - 15, 17	✓ 1 but 9 24	✓ 1 but - 21-31-34	✓ 1 but 4 42-43 → 5, 48	