

RAINFALL at Gorden Valley (Broomhead Hall.)County of YorkshireObserver Sheffield Corporation W.W.River Basin Gorden Beck
(into Don)5" Rain Gauge, by Casella
(Monthly Pattern)John G. Swales

Diameter ...	5"										
Height	1 Ft.										
Altitude ...	930'										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...							3.60	2.46	1.71	6.32	
February ...							8.13	.96	4.31	4.35	
March							5.42	2.86	1.89	7.33	
April							2.73	2.67	1.64	1.89	
May							2.89	1.82	2.85	1.71	
June							2.94	4.45	1.13	.88	
July							3.62	1.85	2.60	4.31	
August							1.69	8.09	1.41	3.88	
September...							2.05	3.42	6.05	2.98	
October							4.73	3.72	2.77	4.12	
November...							3.79	3.43	2.05	3.50	
December...							3.16	2.54	6.45	7.55	
TOTALS...							44.75	38.27	34.86	48.82	

1916-29 late up

Position of Station on reduced Ordnance Survey } No. of Map 13

Map, 2 miles to 1 inch Series

Reference No. C.5.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
Dec: 1930	53° 27' 45"	1° 38' 4"	Deenear	3 3/8 m	E-NE	Stocksbridge	2 3/8	N-E

RAINFALL at Cudon Valley (Broomfield Hall)County of YorksireObserver Sheffield Corporation W.W.River Basin Cudon Beck

(into Don)

Rain Gauge, by Cassella

(monthly pattern)

John Sewall

Diameter	5										
Height	1 Ft										
Altitude	930' OD										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January	5.95	6.16	5.79	2.50	2.98	5.76	5.24	3.24	11.62	2.28	6.79
February	4.46	3.30	4.80	6.46	2.02	6.88	3.48	1.82	6.87	7.1	1.20
March	4.57	3.09	3.10	1.80	1.21	1.44	2.31	4.59	3.76	3.4	3.75
April	6.50	1.54	5.08	3.37	2.42	4.21	2.73	5.38	1.86	1.69	4.11
May	5.05	1.95	99	4.57	4.72	4.56	3.54	1.64	1.87	2.71	2.52
June	3.52	3.33	1.51	98	2.50	13	3.76	4.87	4.27	1.79	2.63
July	7.49	1.12	4.57	3.74	3.89	2.22	4.09	2.88	1.45	4.14	8.46
August	2.02	5.54	6.78	3.67	3.31	3.36	3.61	4.85	4.37	3.36	3.91
September	1.71	77	3.68	3.61	4.25	3.39	2.26	5.88	5.8	1.77	5.95
October	2.77	3.23	1.60	3.05	5.96	5.01	5.31	4.94	6.22	4.89	5.32
November	1.95	2.41	2.91	6.19	3.19	3.49	5.86	6.66	8.79	8.99	5.27
December	4.70	6.25	4.77	3.79	4.56	4.21	2.06	3.56	3.71	11.69	3.74
TOTALS	50.69	32.69	45.58	43.59	44.01	44.66	44.24	50.31	55.37	44.36	53.65

1916-29 late Vap.

1930 record not site not ideal.

Inspected x11/30: New site recommended.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch SeriesNo. of Map 13Reference No. C. 5

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
Dec: 1930	53° 27' 45"	1° 38' 4"	Deerpar	3 $\frac{3}{8}$ m	E.N.E	Stocksbridge	2 $\frac{3}{4}$ miles	N.E.

RAINFALL at Ewden (Broomhead Hall) N°50County of Yorks. W.-ridingObserver Sheffield Corpn. W.W.River Basin 7. Ouse & Don

Type of Gauge

Annual Average 42.1 in. based on 14 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. P.B. 366

660609/26

Diameter	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Height	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Altitude	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.06	4.21	3.10	3.71	2.80	4.51	6.11	5.08	6.10	(4.12)		
February	4.42	.50	7.50	.45	6.52	4.42	7.26	1.84	2.84	(2.45)		
March	.25	2.95	3.12	4.72	1.36	3.25	4.31	.48	3.15	2.93		
April	5.49	4.63	1.22	2.97	2.94	1.89	2.52	.23	2.12	3.35		
May	3.25	6.74	2.87	2.14	.46	1.50	3.40	3.16	2.50	1.12		
June	6.33	.83	2.64	1.60	3.53	4.36	.95	2.83	2.71	.77		
July	3.70	5.09	2.13	2.10	1.30	3.46	2.89	4.05	6.17	3.12		
August	8.26	2.47	0.56	1.88	2.23	1.31	.93	2.92	2.31	.67		
September	5.02	2.83	2.96	3.05	5.30	4.56	1.92	3.19	1.99	2.92		
October	1.42	6.00	5.53	3.74	8.30	3.78	3.81	7.47	4.24	5.50		
November	5.55	3.57	2.40	2.86	7.49	5.13	2.24	5.04	4.15	8.98		
December	1.50	1.76	0.63	5.85	4.22	4.46	4.42	4.17	3.45	3.48		
TOTALS	50.25	41.58	34.66	35.07	46.45	42.63	40.76	40.46	44.98	39.41		

1931. 9 moved 22 yds. W.S.W.

1932 9 -do- 22 yds NE 1/3/32.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....37.....

1 mile to 1 inch Series

Reference No.....F.9.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	53.27.44	1.38.6						

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3139/5 T.F.

RAINFALL at Ewden (Broomhead Hall)

41

County of West Riding Yorkshire

Observer Sheffield Corp. W. W.

River Basin Ouse Don

Type of Gauge Snowdon

Annual Average 42.1 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. Pro B. 366

File No. 660609/26

Diameter	5'			082	064						
Height	1' 0"				1						
Altitude	905'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(4.48)	(4.07)	5.66	5.40	(4.37)	4.97	(4.32)	8.39	1.87	1.94	
February	(4.84)	1.49	2.35	1.88	4.72	5.01	(3.67)	3.06	1.94	7.01	
March	6.23	2.29	1.28	4.6	1.06	1.75	(6.71)	1.62	1.20	1.88	
April	2.51	2.73	2.47	2.63	2.31	1.75	3.78	2.05	3.33	4.83	
May	3.22	4.46	3.32	3.81	4.17	2.96	2.97	1.63	2.31	2.23	
June	.53	1.30	2.20	2.12	3.44	4.66	2.81	4.87	.74	1.17	
July	2.89	3.44	1.74	3.02	1.84	2.79	2.17	1.42	4.31	2.12	
August	4.07	4.27	3.54	3.16	3.70	4.51	.45	5.84	2.34	4.07	
September	.31	2.25	4.73	4.79	1.48	6.34	1.46	1.98	1.57	8.28	
October	4.66	3.60	2.37	3.83	6.03	1.80	.88	1.66	3.98	1.90	
November	4.39	1.56	3.29	7.73	57	8.47	3.72	1.50	6.76	6.78	
December	1.64	3.52	2.25	3.87	3.51	4.05	3.84	4.15	7.43	(2.03)	
TOTALS	(39.83)	34.98	35.20	42.76	37.20	49.06	36.78	38.17	37.78	40.91	

1941 Jan. 9 Feb. cal'd. by observer.

40004

70004

00014

1942 January

1945 Jan.

1946 1/2 g. wind. No change in exposure (and 1/28 B)

1947 n.p. low. Jan. Feb 8 man. used for snow measurement

1949. Exposure that is found low. Rain caught in glass bottle. gauge on slope lead to W. 116. young trees 50 yds west. Pigeons to adapt new site 30 yds east.

15.6 in. gage misplaced by engineer - re-sited on June 1st and passed as found.

* 1949 return of rainfall printed with a query.

Some low for whole decade?

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.

BRITISH RAINFALL ORGANIZATION

Station No. 2137/2RAINFALL at LONDON (BROMLEY HALL)

51

County of Yorks W.R. Observer S. H. C. E. 10-2 C. H. E. 10-2River Basin 7 - Ouse - DonType of Gauge London BradfordAnnual Average 32.1 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 3.66" " 40.06 " 23 " within 1931-57 " 1916-52 " 3File No. 265.4.59/24

Diameter ...	5"			082	064						
Height ...	1' 0"				1						
Altitude ...	905'	900'	900		51	905					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.32	4.90	1.13	3.65	(3.00)	6.59	3.14	4.78	4.36	6.28	
February ...	4.14	1.40	2.10	3.69	2.82	(1.66)	3.75	(5.66)	.20	(3.23)	
March ...	5.18	2.29	2.66	2.86	3.65	1.94	3.11	2.93	1.77	2.95	
April ...	1.99	2.17	3.24	.61	1.11	2.97	.21	.98	4.38	2.34	
May ...	3.85	2.54	2.82	4.24	3.99	.98	1.54	3.91	.95	2.00	
June ...	1.03	2.03	2.66	2.12	3.56	3.96	1.35	5.21	2.17	1.51	
July ...	1.79	1.77	3.73	2.71	.91	7.37	3.63	5.20	2.07	4.51	
August ...	4.92	2.35	1.11	6.79	1.19	6.93	6.42	2.90	1.32	4.16	
September ...	1.93	4.51	1.97	3.94	1.29	4.12	4.93	4.49	.08	4.05	
October ...	.91	7.19	2.05	5.75	2.95	2.62	3.48	3.72	3.17	8.70	
November ...	10.27	2.29	3.08	8.04	2.56	1.64	2.90	1.01	5.74	6.56	
December ...	6.26	3.03	1.52	5.84	5.10	4.94	5.00	5.26	7.61	5.25	
TOTALS ...	46.59	36.47	31.07	50.24	32.13	45.72	39.46	46.05	33.82	51.54	

1951 Ins. by 31. v. by Sheffield Corp. v. 1954 Ins. by Engineer Satisfactory
 1955 Ins. est'd. by Eng. Satisfactory
 Inst. II 1954 BOK. g. sound. Site satisfactory

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SK242963

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C1916	✓ up 30	✓	✓ up 47	