

RAINFALL AT Burntwood Hall

Lat.

Lon.

County of

W^{IR} YORKSHIRE

Rain Gauge, by

Observer

John Diamond, Esq.^r

Dose - Don't

Diameter ...										MEANS.
Height										
Altitude ...										
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
January ...								62		
February ...										
March										
April										
May								332		
June										
July										
August.....										
September ..										
October ...							537			
November ..								78	31	
December ...									424	
TOTALS ...							28.32	22.33	27.91	

1907 - 1911 (Totals only + wettest & driest months) Received 1.14

Postd 2-XII-14

10 3174

RAINFALL at Burntwood Hall

County of W Yorks

Observer

Edmund Bag

River Basin Don 7

Rain Gauge, by

Diameter ...			5								
Height			0.9	1.0							
Altitude ...			370	378							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...			4.51	3.81	1.12	2.57	.84	2.64	1.85	3.01	834
February ...			1.69	.66	1.26	2.96	4.09	.71	1.95	2.27	902
March			2.64	2.49	1.96	1.06	4.72	1.23	1.32	3.98	1125
April22	2.94	.40	.79	1.27	1.86	1.30	1.62	605
May			4.76	2.66	1.26	1.56	2.88	1.88	2.81	.93	850
June.....			5.04	.38	1.78	.87	1.28	2.27	1.08	.95	558
July		31	5.17	1.19	3.39	4.75	1.60	.83	4.36	3.83	1062
August.....			6.30	1.46	1.40	2.62	1.97	5.00	1.55	2.85	1137
September ..	18		1.20	3.89	.78	1.17	1.50	.70	6.02	2.02	1024
October ...			2.39	3.34	2.42	1.46	2.63	2.90	1.63	3.27	1043
November..	352		2.05	1.89	2.40	2.66	3.18	1.02	1.40	1.65	725
Deeember...			3.80	2.64	1.01	4.99	6.15	2.18	1.39	3.20	3.24
TOTALS ...	26.46	19.65	38.61	25.72	23.56	28.62	28.14	22.43	28.47	29.62	10866

1907-1911 (Totals only & wettest & driest month) Received I 14 Entered 2 XII 14

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912 1913	53° 34'	1.21	Mosley Freckley	2½ m 31	E NE	S Kirkby	1¾	E NE

RAINFALL at Barnsley, Burntwood Hall

County of York WR Observer J. Dymond Esq
River Basin Ouse-Dow 7

Rain Gauge, by _____

Diameter ...	5												
Height	1.0												
Altitude ...	378												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEAN.	
January	280	2.41	3.31	99	1.64	2.13	2.36	1.43	4.78	2.13	3.92	2740	
February	210	.26	2.50	4.09	.78	3.77	1.70	.92	2.57	1.22	.85	2076	
March	180	.77	1.78	1.55	.95	.88	.70	1.99	2.56	.15	2.91	1584	
April	360	1.11	2.91	1.84	1.47	2.70	1.14	2.40	.74	1.01	2.96	2188	
May	420	1.26	1.05	2.83	4.02	3.06	1.53	1.28	J.09	1.29	1.97	2558	
June	370	.55	1.06	.85	1.91	.14	2.67	2.65	J.34	1.17	.90	1894	
July	440	.65	3.27	4.51	3.25	1.09	1.66	2.74	.76	2.00	6.83	3116	
August	.70	4.51	5.73	2.52	3.22	2.68	2.66	6.06	2.55	2.02	2.70	3525	
September	1.20	.79	2.80	2.05	2.83	2.68	1.12	4.77	.76	.87	5.11	2458	
October	2.00	1.79	1.02	1.35	3.81	2.80	2.69	2.37	4.16	2.59	2.50	2708	
November	1.00	2.37	.94	2.62	2.69	2.22	3.62	3.17	J.38	5.20	3.04	3025	
December	250	3.01	1.88	3.00	2.92	2.53	.90	2.13	1.76	5.03	2.83	2799	
TOTALS...	(30.00)	NR	19.48	28.25	28.20	29.49	26.68	22.75	31.91	29.85	24.68	35.97	30726

-W.M. Barnsley & Burntwood Hall

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
			Grosmoors	3 2.5 mi	ENE	Grosmoors	3	

RAINFALL at Barnsley (Burntwood Hall)

County of West Riding

Observer J. Dymond, Esq.

River Basin Ouse - Don - 7

Type of Gauge

Annual Average 25.9 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref.

767067/27

Diameter	5.										Menses Totales
Height	1.0.										
Altitude	378.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.17	1.50	2.95	1.55	1.19	2.60	3.49	2.42	4.98	(2.68)	2553
February	2.69	.58	3.24	.54	2.39	2.71	2.76	.93	.93	3.83	2060
March	.32	1.49	2.80	1.82	.90	1.84	3.13	.25	2.26	1.81	1662
April	4.22	2.00	1.20	2.18	3.34	1.10	3.13	.03	1.34	2.14	2071
May	3.24	6.76	2.87	.84	.61	.97	3.18	2.75	2.29	.64	2415
June	5.84	.60	1.03	2.00	2.35	3.68	1.75	1.47	1.79	.68	2119
July	4.29	2.51	2.41	1.38	.61	3.67	2.75	3.02	5.59	3.29	2952
August	4.54	1.80	0.40	1.50	2.17	1.45	.12	3.60	1.89	.41	1768
September	4.45	1.47	2.63	1.99	4.77	2.87	1.51	2.42	2.37	1.15	2553
October	.73	3.13	4.17	1.62	3.80	2.25	3.15	3.33	2.55	3.10	2783
November	3.40	1.20	2.10	2.48	5.32	3.01	1.93	2.62	3.45	4.86	3057
December	.80	.89	0.58	4.07	2.92	1.38	2.45	2.79	1.86	2.18	1992
TOTALS	36.69	24.03	26.31	21.97	30.87	27.53	29.35	25.63	31.20	26.77	27985

1940 Jan adj for sun.

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
			Marthorpe	2 1/2 m		Brierley	2 m.

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

Station No. 3174

41

RAINFALL at Barnsley (Burntwood Hall)

County of West Riding Observer T. Dymond, Esq.

River Basin Ouse - Don 7

Type of Gauge Glaisher

Annual Average 25.9 in. based on 22 years obs. unweighted. Period of average 1881-1915 Ref. 3

File No. 767 56 27

Diameter	5	085 678									
Height	10			1							
Altitude	378			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means yr-to-d
January	(3.21)	2.11	2.24	2.66	2.66	2.12	2.85	5.13	.78	1.85	2511
February	2.77	(1.21)	.84	1.77	1.76	2.64	4.30	1.57	.93	5.03	2182
March	3.93	(1.89)	.63	.48	.55	1.44	7.63	.72	1.32	1.19	1778
April	1.40	1.05	1.42	1.80	1.64	1.29	2.29	1.51	2.52	2.96	1788
May	1.37	2.91	1.90	2.04	4.37	2.92	2.49	1.11	1.46	1.83	8240
June	.14	1.03	1.09	2.20	3.08	2.61	3.71	2.30	.72	.76	1764
July	3.26	1.43	1.02	2.60	1.91	3.20	1.86	1.03	3.82	1.18	2131
August	2.96	3.84	2.49	3.81	3.01	4.77	.54	5.03	1.83	3.84	3162
September	.48	1.87	3.15	3.68	1.25	3.62	1.11	1.38	1.14	3.08	2076
October	2.71	2.23	1.58	2.66	3.18	1.33	.75	1.47	3.33	.87	2011
November	3.34	1.41	1.71	3.88	.86	5.02	1.72	1.01	3.70	4.81	2666
December	.59	1.08	1.12	1.94	1.29	2.24	2.82	2.68	2.11	1.62	1749
TOTALS	26.16	(22.06)	19.19	23.02	25.06	33.20	32.07	24.94	23.66	28.22	26058

41 The gauge is in a garden surrounded by high walls and is 18 yds from the N wall, 14 yd from the E wall, 90 yd from the S wall and 70 yd from the W wall outside which there is an extensive wood. On the N wall there is a range of six houses rising to 18' a little to the W of the gauge.

Jan comes for snow.

1942 Feb. & Mar. part cut'd.

40004 30004

abt 100 ft above Burntwood Hall
3174

(Feb 3.30)
May 5.63
Sept 29.07

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.
1944			Hemsworth L.N.E.R.	3 m	N.	Hemsworth	3 m N.
1947			Moorhouse	2 1/2 m	ENE	"	2 1/2 m N.

Station No. 3174

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RAINFALL at Barnsley (Burntwood Hall)

County of West Riding

Observer R. Dymond Esq.

River Basin Ouse - Don 7

Type of Gauge Glaisher Lee 1958 note below

Annual Average 25.9 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S
 27.32 - .35 - 1916-1950 1916-1950 P
 File No. 16706/27

Diameter	5"		085	678	5"					
Height	1' 0"			1		1' 0"				
Altitude	378			51	on 1090 379					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	1.76	2.28	.39	1.74	1.87	5.37	1.12	2.72	2.33	5.09
February	2.69	.33	1.60	2.47	2.92	1.42	2.17	4.30	.08	1.88
March	2.86	1.84	.66	3.41	2.79	.72	1.20	2.34	1.04	1.62
April	.87	1.14	1.83	.21	.48	2.45	.12	.27	4.42	0.68
May	4.79	1.99	1.74	3.65	2.90	.46	.83	3.20	.82	1.01
June	.66	1.22	1.21	1.76	2.27	2.84	2.41	4.55	1.77	1.11
July	1.94	1.53	2.39	1.73	.62	3.67	4.60	4.89	.96	2.61
August	5.62	1.12	2.76	5.48	.78	5.81	4.56	3.55	.92	4.03
September	1.81	2.09	1.44	1.68	1.11	3.01	3.69	2.33	.02	3.84
October	1.23	3.95	1.67	3.24	2.06	1.28	1.42	1.53	1.74	6.87
November	6.53	1.58	1.75	4.79	2.17	.78	2.42	.73	3.22	3.72
December	2.24	1.65	1.34	2.90	2.42	2.67	2.14	3.50	3.48	2.60
TOTALS	33.00	20.72	18.80	33.06	22.39	30.48	24.68	33.91	20.80	35.06
	D	D	D	J	D	D	D	D	d	D

1951. garden walls 14' high 18xN, 19xE, 90xS, 70xW. otherwise wood outside W. wall. on N. wall ranged glass houses 18' high.

1958 Engr to Yorks. Dist. R. Bd reported, (1st FE 20346/57) his Assistant visited this station recently & found the gauge to be of type C (BA) with inner copper can, set in wider stainless pipe & sunk in ground with rim of gauge to pipe level with ground. It was subsequently re-set with rim 1ft above ground. Mr. Dymond had stated gauge had been set at ground level for past 20 yrs. (18458) Engineer considered re-caning unsprung mounting might have resulted.

R. D. B.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 441/422095

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Woolsthorpe	2m E.N.E.	Haworth	2.5m N

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
	✓	21-30	✓	✓	✓