

RAINFALL AT Burnwood Hall

Lat. _____

Lon. _____

County of Wilt Yorkshire

Rain Gauge, by _____

Observer John Dymond, Esq.

Case - Don't

Diameter ...											
Height											
Altitude ...											
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
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 I. 14

End 2. XII. 14

RAINFALL at

Burntwood Hall

County of W. Yorksh.

Observer

J. Diamond Esq.

River Basin Conce. 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	1.88	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
April .....			.22	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	1.68	3.27	1043
November ..	352		2.05	1.89	2.40	2.66	3.18	1.02	1.40	1.65	925
December...		380	2.64	1.01	4.99	6.15	2.18	1.39	3.20	3.24	1001
TOTALS ...	25.46	19.65	38.61	25.72	23.56	28.62	28.14	22.43	28.47	29.62	10866

1907-1911 (Totals only a wettest & driest month) Received I. 14

Entered 2. XII. 14

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
18.12.1913	53.34	1.21	Mossyhope Trekky	2 1/2 m	E N E	S Kirkby	1 3/4	E N E

RAINFALL at Barnsley Burnwood HallCounty of Yorks W.R.Observer J. DymondRiver Basin Ouse Don 7

Rain Gauge, by _____

Diameter ...		5										
Height		1.0										
Altitude ...		378										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
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	2.76	.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	4.20	1.26	1.05	2.83	4.02	3.06	1.53	1.28	5.09	1.29	1.92	2558
June	370	.55	1.06	.85	1.91	.14	2.67	2.65	5.34	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	5.38	5.20	3.04	3025
December...	2.50	3.01	1.88	3.00	2.92	2.53	.90	2.13	1.76	5.03	2.33	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

Wm. Barnsley Grubbs & Co.

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
			Moorthope	2 1/2 mi	E.N.E.	Sprowthorpe	3 mi	

RAINFALL at Barnsley (Burntwood Hall)County of West RidingObserver J. Dymond Esq.River Basin Ouse - Don - 7

Type of Gauge

Annual Average 25.9 in. based on 27 years obs. un-weighted. Period of average 1891-1915 Ref. 3

767067/27

Diameter	5.											
Height	1.0.											
Altitude	378.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Total
January	2.17	1.50	2.95	1.55	1.19	2.60	3.49	2.42	4.98	(2.68)	2.553	
February	2.69	.58	3.24	.54	2.39	2.71	2.76	.93	.93	3.83	2.060	
March	.32	1.49	2.80	1.82	.90	1.84	3.13	.25	2.26	1.81	1.662	
April	4.22	2.00	1.20	2.18	3.34	1.10	3.13	.03	1.34	2.14	2.071	
May	3.24	6.76	2.87	.84	.61	.97	3.18	2.75	2.29	.64	2.415	
June	5.84	.60	1.03	2.00	2.35	3.68	1.75	1.47	1.79	.68	2.119	
July	4.29	2.51	2.41	1.38	.61	3.67	2.75	3.02	5.59	3.29	2.952	
August	4.54	1.90	0.40	1.50	2.17	1.45	.12	3.60	1.59	.41	1.768	
September	4.45	1.47	2.53	1.99	4.77	2.87	1.51	2.42	2.37	1.15	2.553	
October	.73	3.13	4.17	1.62	3.80	2.25	3.15	3.33	2.55	3.10	2.783	
November	3.40	1.20	2.10	2.48	5.32	3.01	1.93	2.62	3.45	4.86	3.057	
December	.80	.89	0.58	4.07	2.92	1.38	2.45	2.79	1.56	2.18	1.992	
TOTALS	36.69	24.03	26.31	21.97	30.87	27.53	29.35	25.63	31.20	26.77	27.985	
	D	D	D	D.	D.	D	D.	D	D	D		

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Monthorpe	2½ m		Brierley	2 m.	

Station No. 3174

RAINFALL at Barnsley (Burntwood Hall) 41County of West Riding Observer J. Dymond, Esq.River Basin Ouse DonType of Gauge GlaisherAnnual Average 25.9 in. based on 27 years obs. unweighted. Period of average 1881-1915 Ref. 3File No. 767.56/27

Diameter	5			0.85	6.78						
Height	10				1						
Altitude	378				41						
Year	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	Means 1911-20
January	3.21	2.11	2.24	2.66	2.66	2.12	2.85	5.13	.78	1.85	2.511
February	2.77	(1.2)	.84	1.77	1.76	2.64	4.30	1.57	.93	5.03	2.182
March	3.93	(1.89)	.63	.48	.55	1.44	7.63	.72	1.32	1.19	1.778
April	1.40	1.05	1.42	1.80	1.64	1.29	2.29	1.51	2.52	2.96	1.788
May	1.37	2.31	1.90	2.04	4.37	2.92	2.49	1.11	1.46	1.83	2.240
June	.14	1.03	1.09	2.20	3.08	2.61	3.71	2.30	.72	.76	1.764
July	3.26	1.43	1.02	2.60	1.91	3.20	1.86	1.03	3.82	1.18	2.131
August	2.96	3.84	2.49	3.31	3.01	4.77	.54	5.03	1.83	3.84	3.162
September	.48	1.87	3.15	3.68	1.25	3.62	1.11	1.38	1.14	3.08	2.576
October	2.71	2.23	1.58	2.66	3.18	1.33	.75	1.47	3.33	.87	2.011
November	3.34	1.41	1.71	3.88	.36	5.62	1.72	1.01	3.70	4.81	2.666
December	.59	1.08	1.12	1.34	1.29	2.24	2.82	2.68	2.11	1.62	1.749
TOTALS	26.16	(22.06)	19.19	23.02	25.06	33.20	32.07	24.94	23.66	28.22	26.058

41 The gauge is in a garden surrounded by a wall and is 15 yds from the N wall, 14 yds from the E wall, 90 yds from the S wall, and 70 yds from the W wall, outside which there is an extensive wood. On the N wall there is a range of 4 houses rising to 131 a little to the W of the gauge.

Jan could for snow.

1942 Feb. & Mar. post cold.

4000430004

at 3.30
 (Feb 3.30
 Nov 5.63)
 Sat 29.07

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	Parish Church.	Distance from gauge.	Direction
1941			Hemsworth	3 m	N.	Hemsworth	3 m	N.
1947			MOORHOUSE	2 1/2 m	ENE	"	2 1/2 m	N

BRITISH RAINFALL ORGANIZATION

Station No. 3174

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RAINFALL at Barnsley (Burnwood Hall)

County of West Riding

Observer

R. Dymond Esq.

River Basin Ouse - Don 7

Type of Gauge

Glaisher - Lee 1958 note taken

Annual Average 25.9 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S
1916-1950 27.32 - .35 - 1916-1950 1916-1950
File No. 26706/27 P

Diameter ...	5"			0.85	6.78		5"				
Height ...	1'0"				1		ground	1'0"			
Altitude ...	378				51	379					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	1.76	2.28	.39	1.74	1.87	5.37	1.12	2.72	2.33	5.09	24.67
February ...	2.69	.33	1.60	2.47	2.92	1.42	2.17	4.30	.08	1.88	19.86
March ...	2.86	1.84	.66	3.41	2.79	.72	1.20	2.34	1.04	1.62	18.48
April ...	.87	1.14	1.83	.21	.48	2.45	.12	.27	4.42	0.68	12.47
May ...	4.79	1.99	1.74	3.65	2.90	.46	.83	3.20	.82	1.01	21.39
June ...	.66	1.22	1.21	1.76	2.27	2.84	2.41	4.55	1.77	1.11	19.80
July ...	1.94	1.53	2.39	1.73	.62	3.67	4.60	4.89	.96	2.61	24.94
August ...	5.62	1.12	2.76	5.48	.78	5.81	4.56	3.55	.92	4.03	34.63
September ...	1.81	2.09	1.44	1.68	1.11	3.01	3.69	2.33	.02	3.84	21.02
October ...	1.23	3.95	1.67	3.24	2.06	1.28	1.42	1.53	1.74	6.87	24.99
November ...	6.53	1.58	1.75	4.79	2.17	.78	2.42	.73	3.22	3.72	27.69
December ...	2.24	1.65	1.34	2.90	2.42	2.67	2.14	3.50	3.48	2.60	24.94
TOTALS ...	33.00	20.72	18.80	33.06	22.39	30.48	24.68	33.91	20.80	35.06	274.88

1951. garden walls 14' high 18" N, 19" E, 90" S, 70" W. Cultivate wood outside W. wall. on N. wall ranged glass houses 18' high.

1958 Engr to Yorks. Dist R. Bd reported, (1424 FE20346/57) his Assistant visited this station recently around the gauge to be of type C (B.A.) with inner copper can, set in wider stainless pipe & sunk in ground with rings of gauge to pipe level with ground. It was subsequently reset with min. 1ft. above ground. Mr Dymond had stated gauge had been set at ground level for past 20 yrs. (18458) Engineer considered it a small unimportant remedy must have resulted.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SE 44/422093

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			moorthorpe	2m E.NE.	Hamworth	2 1/2m 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
	✓ A 10-11 - 17-18	21.30 ✓ 16.22-23	✓	✓	