

RAINFALL AT Holmesfield Darbrook Reservoir (on right bank)Lat. 53° 17' 20" NLon. 1° 34' 30" W County of Derbyshire

Snowdon Rain Gauge, by

Observer Gilbert Fothergill C.E.

Gauged - 6.

Diameter ...									8		
Height									10		
Altitude ...									1080		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...							3.68	1.62	1.50	2.18	
February ...							3.13	1.85	1.63	1.50	
March							1.95	2.50	2.84	5.03	
April							1.59	2.63	2.30	1.75	
May							2.50	3.96	4.02	2.13	
June							2.13	4.26	1.74	2.78	
July							1.80	2.67	2.87	3.62	
August							2.59	3.13	2.74	2.51	
September ..							1.03	4.45	2.83	2.92	
October ...							6.42	7.08	1.52	4.64	
November ..							3.84	3.16	1.95	1.29	
December ...							3.00	2.44	1.93	7.93	
TOTALS ...							33.66	35.75	27.87	38.28	

(cont.)

1908 Done + Tolly Station (M.R.)

(detained) Water 1911.

1909 Holmesfield Church 3 miles N
 Done M.R. Station 4 - NE
 No objects near

1906-07 Received and entered 4. XII. 14.

RAINFALL at Holmesfield Parkbrook ReservoirCounty of DerbyshireObserver Gilbert Frith Esq C.E.River Basin Trent-Deverant 6

Rain Gauge, by _____

Diameter ...	8										
Height	10										
Altitude	1080										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.67	1.62	4.93	4.34	2.55	4.42	2.38	3.45	1.73	2.41	
February ...	4.02	2.67	1.98	1.68	2.37	4.43	5.43	.91	2.22	1.59	
March	1.07	1.71	4.26	4.37	3.59	1.17	6.81	2.33	1.27	2.36	
April	3.84	2.01	1.05	3.21	1.32	1.15	2.14	1.86	1.46	1.34	
May	2.53	1.09	4.26	2.54	1.64	1.42	2.73	1.79	2.54	1.23	
June	2.74	2.55	4.42	1.57	3.25	1.19	2.96	2.51	.86	1.06	
July	3.88	.27	7.21	1.57	4.02	5.56	2.31	1.23	3.42	3.83	
August	4.72	2.20	7.45	1.58	1.99	2.73	1.74	5.82	1.84	3.14	
September ..	.85	2.85	2.18	2.60	2.04	.88	2.37	1.14	7.60	2.19	
October ...	3.24	2.80	3.49	4.46	3.73	2.06	4.38	3.33	1.75	3.47	
November ..	4.01	4.02	2.52	3.82	4.82	3.78	4.83	1.55	1.55	2.21	
December ...	5.58	6.26	4.59	2.07	6.46	8.19	4.02	.96	4.52	4.43	
TOTALS ...	41.15	30.05	48.34	33.81	37.78	36.98	42.10	26.88	30.76	29.26	
	3	3	3	3	3	3	3	3	3	3	

Totals
16.19
9.97
10.15
12.77
6.80
8.29
7.39
10.79
12.54
13.30
12.93
10.14
13.93
129.00
4.46

+ Inspected

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.1730	1.3430	Douglas					

RAINFALL at Holmesfield - Barbrook ReservoirCounty of DerbyshireObserver G. Smith Esq. C.E.River Basin Great-Derwent 6Waterworks Eng. B. R. Kenfield(1925) Shawdon Rain Gauge, by _____

Diameter ...	8											
Height	1	0										
Altitude ...	1080											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	3.11	3.19	3.70	1.72	1.45	3.11	2.72	(2.75)	6.86	2.01	5.55	Totals 36.18
February ...	2.02	2.7	2.95	4.28	4.6	3.94	2.21	(1.82)	4.06	.50	1.01	23.52
March	1.81	1.76	1.76	1.92	.57	.83	.92	(4.05)	2.63	.32	2.61	19.18
April	4.96	1.04	3.37	2.23	1.84	2.53	2.01	(3.80)	1.67	1.39	3.37	28.21
May	2.49	1.21	.84	2.88	3.91	4.18	3.14	(1.25)	1.12	2.29	1.61	24.92
June	2.62	2.7	.94	.74	2.45	.00	2.61	(4.70)	3.95	1.67	1.83	21.78
July	4.67	.58	4.43	4.45	3.24	1.32	3.45	(3.86)	1.16	1.99	6.01	35.16
August .....	.99	5.31	6.68	3.37	3.67	2.54	2.93	3.93	3.41	2.92	3.19	38.94
September...	1.26	.88	2.73	3.36	3.37	2.78	1.72	5.15	.72	1.67	4.89	28.53
October	2.42	2.45	1.25	2.60	5.16	3.53	2.59	3.67	5.64	4.64	4.54	38.49
November...	1.07	1.85	1.45	2.92	1.77	2.41	4.26	4.64	6.03	7.48	3.95	37.83
December...	2.89	3.17	2.28	2.36	2.43	1.93	1.50	2.02	2.58	7.40	3.14	31.70
TOTALS...	30.31	21.98	32.38	32.84	30.32	29.10	30.06	(41.64)	39.83	34.28	41.70	364.44
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1925. not printed, small.

1926 " " low.

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RAINFALL at Holmesfield (Barbrook Res.)County of DerbyshireObserver Gilbert Frith, Esq., F.R.S.River Basin Trent DerwentType of Gauge N.O.Annual Average 25.6 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. S

703122/26.

Diameter	8											
Height	1	0										
Altitude	1080											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	3.52	3.09	2.06	3.20	2.32	3.56	5.86	4.75	6.13	3.36		37.85
February	3.79	.55	3.70	4.48	4.92	3.30	6.31	1.71	2.23	3.77		30.76
March	1.17	2.14	3.10	3.80	1.82	2.64	3.56	.68	2.98	2.59		23.48
April	4.94	4.27	1.42	3.45	3.42	2.33	2.61	.31	2.34	3.20		28.29
May	2.85	5.78	2.09	1.61	.40	1.81	3.83	2.55	1.85	1.18		23.95
June	4.91	.87	2.79	1.47	4.65	3.99	1.67	2.67	2.77	.91		26.70
July	5.62	4.98	2.52	2.23	1.62	5.24	3.58	3.77	5.82	2.88		38.26
August	6.87	2.12	.43	2.09	1.98	1.68	.93	2.06	2.58	.74		21.48
September	4.64	2.45	1.49	2.35	5.12	3.83	1.64	2.72	1.32	2.02		27.58
October	1.19	5.23	6.46	3.67	7.18	4.22	3.17	5.22	4.98	4.66		46.28
November	4.89	3.28	2.49	2.90	6.80	3.57	2.51	5.15	5.54	7.66		44.79
December	1.67	1.60	.70	6.32	4.21	3.72	4.49	4.54	2.20	3.39		32.84
TOTALS	45.06	36.36	29.25	33.57	44.44	39.89	40.46	36.13	40.74	36.36		332.26
	2.	2.	2.	2.8.	2.	2.	2.	2.	2.	2.		268

1931. Gauge on moor.

1940 Jan. part. cat.

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.			Hore & Totley	4 1/2 m	N.E.	Holmesfield	2 1/2 m	E.

Station No. 2685RAINFALL at Holmesfield (Barlark Res.)

41

County of DerbyshireObserver Gilbert Aitch Esq. C.E.River Basin Chenab - Derwent &D.S. Cuthill Esq.Type of Gauge M.O.P. HOTHERSALL Esq. MBE (in 1951)Annual Average 35.6 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. S.File No. 203122/26

Diameter	8"			107	268							
Height	1' 0"				1							
Altitude	1080'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.34	3.42	5.56	4.34	3.22	4.67	3.14	7.89	1.10	1.06		Totals 38.74
February	5.02	2.38	2.44	2.73	3.73	5.83	(2.37)	2.24	1.42	4.90		33.06
March	6.12	3.09	1.48	.52	.81	1.80	6.56	1.36	1.30	1.15		24.19
April	2.14	1.83	2.03	2.66	2.34	1.68	3.16	1.92	2.74	2.74		23.27
May	3.15	5.05	2.95	2.60	3.23	3.10	2.97	2.87	1.98	1.83		29.73
June	.40	1.17	2.17	2.45	4.42	4.04	2.56	3.94	1.04	1.83		24.02
July	4.42	2.88	1.67	3.91	2.18	3.57	1.77	1.53	3.86	1.95		27.74
August	4.32	4.58	3.59	2.90	4.08	5.06	.62	4.49	2.01	3.44		35.09
September	.54	2.31	3.98	5.44	1.34	5.45	1.58	2.12	1.28	3.85		27.89
October	3.11	3.43	2.42	4.41	6.58	1.84	.87	1.84	3.62	1.42		29.54
November	4.76	1.71	3.21	6.38	1.81	8.51	3.35	1.76	4.42	4.73		40.44
December	1.67	3.28	1.50	2.92	2.44	4.13	3.96	3.13	3.94	1.55		28.52
TOTALS	40.02	35.13	33.00	41.26	36.18	49.68	32.91	35.09	28.71	30.45		362.43
	D	D	D	D	D	D	D	D	D	D		97.1

1946 Gauge situated in open moorland.
1947 Replaced corr. former.

20004

Position of Station on reduced Ordnance Survey Map, } 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.
1946			Dore LMS	4 m	NE	Holmesfield	2 1/2 m	E

BRITISH RAINFALL ORGANIZATION

Station No. 2685RAINFALL at HOLMESFIELD (BARBROOK RVS.)

51

County of DEBObserver P. HOTHERSALL, ESQ., M.B.E.River Basin TRENT - DERWENT - 6Type of Gauge M.O.Annual Average 35.6 in. based on 2 years obs. un-weighted. Period of average 1881 - 1915 Ref. SFile No. 703122/26

Diameter ...	8"			107	268						
Height ...	1' 0"				1						
Altitude ...	1080'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	2.49	(4.30)	1.52	3.35	2.24	4.75	2.00	3.17	2.76	4.68	31.76
February ...	3.13	.99	1.83	2.60	2.37	1.92	2.60	4.54	.16	2.80	22.94
March ...	4.53	2.18	1.88	2.72	3.86	1.58	2.59	2.77	1.79	2.35	26.25
April ...	1.56	2.20	2.84	.60	1.13	2.12	.20	1.07	3.88	1.78	17.38
May ...	3.84	2.53	2.48	3.69	3.59	.78	1.89	3.08	1.09	2.13	25.10
June ...	.98	2.17	3.46	3.19	3.38	4.48	1.47	5.32	1.57	1.16	27.18
July ...	1.59	2.46	3.62	2.87	1.00	5.49	3.73	6.34	2.28	4.39	33.77
August ...	4.69	1.90	3.43	6.93	.82	6.85	6.27	2.80	.96	5.41	40.06
September ...	2.23	3.83	1.94	3.26	1.30	4.36	5.73	3.39	.09	4.66	30.79
October ...	1.14	5.30	1.99	4.59	2.49	2.09	1.98	2.81	2.95	7.59	32.93
November ...	8.78	2.73	1.91	6.11	2.51	1.40	2.78	1.01	4.33	4.67	36.23
December ...	3.29	2.77	1.65	4.69	3.64	4.34	3.59	4.32	4.65	3.58	36.52
TOTALS ...	38.75 D	33.36 D	28.55 D	44.60 D	28.33 D	40.16 D	34.83 D	40.62 below	26.51 D	45.20 D	360.91

1951 Gauge situated in open woodland

1958 below.

1953 moved to equally o/c situation.

40004

margin of low

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SK4328070

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Bone	4 m. N.E.	Holmesfield	2 3/4 m. E.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ ✓	✓ ✓	✓ shorted 31-33	✓ ✓	✓ ✓