

RAINFALL AT Holmesfield Barbrook Reservoir (Longdshaw)

Lat. $53^{\circ} 17' 30'' N$ Long. $1^{\circ} 34' 30'' W$

County of Derbyshire

Slopes Rain Gauge, by

Observer Gilbert Fithie Esq C.E.

Borewell - 6.

Diameter ...									8		
Height									1.0		
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	1.45	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 Doe & Totley Station (M.R.)

Derbyshire Water 1911.

1909 Holmesfield Church 3 miles NW

Doe M.R. Station 4 - NE

No objects near

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

RAINFALL at Holmefield Back Brook Reservoir

County of Derbyshire

Observer Gilbert Fifth Esq CBE

River Basin Trent-Derwent 6

Rain Gauge, by

Diameter ...	8											
Height	10											
Altitude ...	1080											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.R.A.N.S.	
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	1.94	1.68	2.37	4.43	5.43	.91	2.22	1.39		10.15
March	1.07	1.71	4.26	4.37	3.59	1.17	6.81	2.33	1.27	2.36		12.77
April	3.84	2.01	1.05	3.21	1.32	1.15	2.14	1.86	1.46	1.34		6.80
May	2.53	1.09	4.26	2.54	1.64	1.42	2.73	1.79	2.54	1.23		8.29
June	2.74	2.55	4.42	1.57	3.25	1.19	2.96	2.51	.86	1.06		7.39
July	3.88	.27	7.21	1.57	4.02	5.56	2.31	1.23	3.42	3.83		10.79
August	4.72	2.20	7.45	1.58	1.99	2.73	1.74	5.82	1.84	3.14		12.54
September ..	.85	2.85	2.18	2.60	2.04	.88	2.37	1.14	7.60	2.19		13.30
October ...	3.24	2.80	3.49	4.46	3.73	2.06	4.38	3.33	1.75	3.47		12.93
November ..	4.01	4.02	2.52	3.82	4.82	3.78	4.83	1.55	1.55	2.21		10.14
December ...	5.58	6.26	4.59	2.07	6.46	8.19	4.02	.96	4.52	4.43		13.93
TOTALS ...	41.15	30.05	48.84	33.81	37.78	36.98	42.10	26.88	30.76	29.26		129.00
	3	3	3	3	3	3	3	3	3	3		400

+ Imputed

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53.1730	1.3480	Dove Totley					

RAINFALL at Holmesfield Barbrook Reservoir

County of Derbyshire

Observer G. Frith Esq C.E.

River Basin Trent-Derwent 6

Waterworks Eng'g Chesterfield

(1925) Snowdon Rain Gauge, by

Diameter ...	S									
Height	1	0								
Altitude ...	1080									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929 MEANS.
January	3.11	3.19	3.70	1.73	1.45	3.11	2.72	(6.75)	6.86	2.01 5.55
February	2.02	.27	2.95	4.28	1.46	3.94	2.21	(1.82)	4.06	.50 1.01
March	1.81	1.76	1.76	1.92	.57	.83	.92	(4.05)	2.63	.32 2.61
April.....	4.96	1.04	3.37	2.83	1.84	2.53	2.01	(3.80)	1.67	1.39 3.07
May	2.49	1.21	.84	2.88	3.91	4.18	3.14	(1.25)	1.12	2.29 1.61
June	2.62	.27	.94	.74	2.45	.00	2.61	(4.70)	3.95	1.67 1.83
July	4.67	.58	4.43	4.45	3.24	1.32	3.45	(3.86)	1.16	1.99 6.01
August99	5.31	6.68	3.37	3.67	2.64	2.93	3.93	3.41	2.92 3.19
September...	1.26	.88	2.73	3.36	3.37	2.78	1.72	5.15	.72	1.67 4.89
October.....	2.42	2.45	1.25	2.60	5.16	3.53	2.59	3.67	5.64	4.64 4.84
November...	1.07	1.85	1.45	2.92	1.77	2.41	4.26	4.64	6.03	7.48 3.95
December...	2.89	3.17	2.28	2.36	2.43	1.93	1.50	2.02	2.58	7.40 3.14
TOTALS...	30.31	21.98	32.38	32.84	30.32	29.10	30.06	(41.64)	39.83	34.28 41.70
	7	7	P	P	P	7	7	7	7	7

1925. Not printed, small

1926 law

1927 " " Jan - July est by own skins & own molgues
1928 " " by 4-Grid

1928

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map _____

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge (1925)	Parish Church.	Distance from gauge
1920	53° 17' 30"	1° 34' 30"	Dore & Totley	4 mi N.E.	Holmesfield	2 1/4 mi E.

RAINFALL at Holmesfield (Barbrook Res.)

County of Derbyshire

Observer Gilbert Frith, Esq., ~~Esq.~~

River Basin Trent Derwent

Type of Gauge M.O.

Annual Average 35.6 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S

703122/26.

Diameter	8	Height	10	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	6.86	4.75	6.13	3.36	3.75	3.79	5.55	3.70	4.48	4.92	3.30	6.31	1.71	2.23	3.74	30.76	
February	3.79	5.55	3.70	4.48	4.92	3.30	6.31	1.71	2.23	3.74	3.75	3.79	5.55	3.70	4.48	4.92	3.30	6.31	1.71	2.23	3.74	30.76	
March	1.17	2.14	3.10	3.80	1.82	2.64	3.56	1.68	2.98	2.59	2.48	2.48	5.44	4.24	3.42	2.33	2.61	3.31	2.34	3.20	2.29	28.29	
April	4.94	4.24	1.42	3.45	3.42	2.33	2.61	3.31	2.34	3.20	3.25	3.25	5.78	2.09	1.61	1.40	1.81	3.83	2.55	1.85	1.18	23.95	
May	2.85	5.78	2.09	1.61	1.40	1.81	3.83	2.55	2.34	3.20	3.25	3.25	4.91	.87	2.79	1.47	4.65	3.99	1.67	2.67	2.77	2.67	
June	4.91	.87	2.79	1.47	4.65	3.99	1.67	2.67	2.77	2.67	2.67	2.67	5.62	4.98	2.52	2.23	1.62	5.24	3.58	3.77	5.82	2.88	
July	5.62	4.98	2.52	2.23	1.62	5.24	3.58	3.77	5.82	2.88	2.88	2.88	6.87	2.12	1.43	2.09	1.98	1.68	.93	2.06	2.58	1.4	
August	6.87	2.12	1.43	2.09	1.98	1.68	.93	2.06	2.58	1.4	2.58	2.58	4.64	2.45	1.49	2.35	5.12	3.83	1.64	2.72	1.32	2.02	
September	4.64	2.45	1.49	2.35	5.12	3.83	1.64	2.72	1.32	2.02	2.02	2.02	5.19	5.23	6.46	3.67	7.18	4.22	3.47	5.22	4.98	4.66	
October	1.19	5.23	6.46	3.67	7.18	4.22	3.47	5.22	4.66	4.66	4.66	4.66	4.89	3.28	2.49	2.90	6.80	3.57	2.51	5.15	5.54	7.66	
November	4.89	3.28	2.49	2.90	6.80	3.57	2.51	5.15	5.54	7.66	7.66	7.66	1.67	1.60	1.70	6.32	4.21	3.72	4.49	4.64	2.20	3.39	32.84
TOTALS	45.06	36.36	29.25	33.57	44.44	39.89	40.16	36.13	40.74	36.36	36.36	36.36	d.	d.	d.	D.	D.	D.	D.	D.	D.	D.	372.26

1931. Gauge on moors.

1940 Jan part. est.

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
1931.			Dore & Totley	4.8m	N.E.	Holmesfield	2.2m	E.

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

Station No. 2685

RAINFALL at Holmesfield (Barkwith Res.)

41

County of Derbyshire

Observer Gilbert Smith Esq C.E.

River Basin Trent-Derwent &

D.S.C. Cuthill Esq

Type of Gauge m.o.

P. HOTHERSALL, Esq MBE (m. 1951)

Annual Average 35.6 in. based on 2 years obs., un-weighted. Period of average 1881-1915

Ref. S

File No. 703122/26

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	3.12	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	2.19	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	.84	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	39.54
November	4.76	1.71	3.21	6.38	1.81	8.51	3.35	1.76	4.42	4.73	40.64
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

1946 Gauge situated in open moorland.
1947 Rotatable cover for snow.

20004

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.
1946			Dare LMS	4 m	NE	Holmesfield	23 m	E

BRITISH RAINFALL ORGANIZATION

Station No. 2685

51

RAINFALL at HOLMSFIELD (BARKBROOK RES.)

County of Dakota

Observee P. HOTHERSALL, Esq., M.B.E.,

River Basin TRENT - DERWENT - 6

Type of Gauge M.O.

Annual Average 35.6 in. based on 2 years obs. *yt*-weighted. Period of average 1881-1915 Ref. 5

File 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)	1.82	3.35	2.24	4.76	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	1.59	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	33.36	28.55	44.60	28.33	40.16	34.83	40.62	26.51	45.20	360.91

1851 found outside in open meadow

1981-1

1953 moved to equally safe situation.

4006

Martin Glen

Position of Station on Ordnance One Inch map:

No. of Man

National Grid Reference 55(43)280770

Position of Station on Ordnance One-inch map:		No. of map.....	National Grid Reference.....			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
14.5.1			Gore	4 m. N.E.	Holmefield	2 1/4 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
	✓	✓	✓	✓	✓