

RAINFALL AT Ambrose
Mallock Creek Reservoir Works

Lat. Lon. County of Derbyshire

Snowdon Rain Gauge, by 17+3 Observer F. R. Halliday Cl.
Devonport - 6. for C. Wright & Co

Diameter ..										5"	
Height ..										10	1 0
Altitude ..										658	659 ft
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											1.46 1.68
February ..											1.99 2.12
March ..											2.78 2.05
April ..											2.39 2.58
May ..											2.98 2.01
June ..											1.56 3.38
July ..											3.20 4.20
August ..											2.52 2.99 2.75
September ..											.68 2.55 1.99
October ..											3.98 1.49 4.93
November ..											2.67 1.52 .80
December ..											3.06 1.66 6.19
TOTALS ..										26.57	34.68

impd

1907 Creek Church 1 mile S 1908
 Ambrose Station 6500' N
 1 mile S 1908
 Ambrose Station 3300' S
 Sheds 15 ft high 100' N

RAINFALL at Ambergate Reservoir CrichCounty of DerbyshireObserver G. Cooper Drabble EsqRiver Basin Trent-Derwent 6M M McCallum Esq } (for E Sandeman Esq) (n)Rain Gauge, by N + 3

Diameter ...	5									MEANS.
Height	1.0									
Altitude ...	690 ft									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	2.70	1.14								
February ...	2.57	1.73								
March76	1.65								
April	3.03	1.60								
May	1.94	1.59								
June	1.71	2.20								
July	2.62	.02								
August	3.55	1.28								
September ..	.37	1.75								
October ...	2.43	2.06								
November ..	4.08	2.25								
December ...	4.06	3.76								
TOTALS ...	29.82	20.98								
	2 p.p	2								

? same as next sheet

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Ambergate	1/2 mi	S	Ambergate	1/2 mi	S

RAINFALL at Amblergate

County of Derbyshire Observer S B Wimberley Esq Et

River Basin Trent Derwent 6

Observer

S B Wmser Esq

Rain Gauge, by

Diameter							5				
Height							1.0				
Altitude					700						
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January					1.53	3.01	1.23	2.98	2.50	4.28	10.99
February					1.65	3.27	5.50	.71	2.68	3.06	11.95
March					2.47	.79	4.90	1.81	1.37	4.94	13.02
April98	.85	1.58	1.25	1.49	1.43	5.75
May					1.70	1.24	2.21	2.05	2.90	1.56	8.72
June					1.94	1.17	2.10	2.18	.70	.87	5.85
July					3.46	4.85	2.09	1.64	3.07	1.99	8.79
August					2.77	2.67	1.73	5.10	2.91	2.75	12.49
September					1.29	.68	2.00	1.51	6.77	2.27	12.55
October					2.71	1.65	2.95	4.86	1.67	3.02	12.50
November					3.50	2.77	3.43	1.78	1.65	2.05	8.91
December					5.27	5.65	2.71	1.18	4.96	4.76	13.61
TOTALS					29.27	28.60	32.43	27.05	32.67	32.98	125.13

1914 not pointed - small ? same as Crick Res., see previous note

RAINFALL at Ambergate Reservoir No. 61

County of Derbyshire

Observer S. B. Winser Esq G.E.

River Basin Trent-Derwent 6

Derwent Valley Water Bd.

(1925) Snowdon Rain Gauge, by

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

Reference No. _____

RAINFALL at Ambergate Reservoir No. 61

County of Derbyshire

Observer S.B. WILSON, F.G.C.

River Basin Trent - Derwent 6

Derwent Valley Water Bd. (1933)

Type of Gauge Standard.

Annual Average 6.61 in. based on 19 years obs., un-weighted. Period of average 1881-1915. Ref. 5

660619/26 370241/34

Diameter	5	Height	10	Altitude	700		680		690		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.31	2.49	2.51	2.55	1.34	3.52	4.69	4.06	5.48	2.80	Total 15. 31.75
February	3.33	4.47	2.53	2.68	3.53	2.36	4.31	1.19	2.06	(2.70)	23.46
March	1.35	1.70	2.55	2.07	1.90	2.49	2.42	2.25	2.18	2.52	17.43
April	3.87	2.85	1.17	2.01	3.25	2.01	2.46	1.19	1.82	2.01	21.64
May	3.24	6.65	2.06	1.07	4.2	4.3	2.86	2.24	1.38	1.73	22.08
June	3.97	7.77	2.19	1.87	4.78	3.41	1.58	1.90	2.40	.86	22.73
July	3.52	3.32	2.45	1.86	1.70	5.14	2.76	4.79	5.07	3.48	34.09
August	3.87	2.02	1.35	1.56	2.02	1.04	.66	1.67	2.61	.43	16.23
September	3.16	2.47	.92	2.37	3.76	3.90	1.60	3.11	1.28	1.34	23.90
October	1.47	4.10	4.86	2.08	3.68	2.44	2.62	4.20	4.30	5.32	34.07
November	4.39	2.04	1.37	2.08	5.54	3.15	1.81	4.49	5.69	1.53	37.99
December	1.39	1.18	.47	5.55	3.88	2.32	4.19	4.69	1.96	2.42	28.05
TOTALS	33.87	30.06	23.43	24.75	34.79	32.21	31.96	32.78	36.13	(33.14)	313.123/12
	D	D	D	D	D	D	D	D	D	D	400

1940 Jan & Feb sat'd from map.

1937. Gauge moved 100 yds (April) Previously in cottage garden - over-exposed.
 New site slightly sheltered, two sides - full exposure of res. top or other sides.
 Nearest objects. bushes - 2' 6" high - 15' distant.
 Inter-well structure, 10' high - 50 ft distant.

* 1941 Average rejected - probably too low - file no. 370241/34 min. 122

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

Station No. T.F. 2666

RAINFALL at Darlington Reservoir N° 61

41

County of DerbyshireObserver Darwen Valley Water Bd.River Basin Derwent 6Type of Gauge AneroidAnnual Average 28.9 in. based on 10 years obs. un-weighted. Period of average

Ref.

File No. 660619/06 370261/34

Diameter	<u>5"</u>			<u>109</u>	<u>575</u>						
Height	<u>1' 0"</u>				<u>1</u>						
Altitude	<u>680'</u>				<u>41</u>						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.18	3.46	4.94	4.00	3.02	3.83	2.83	6.91	1.47	1.07	Total 35.71
February	3.46	1.12	1.28	1.59	3.77	4.56	(2.50)	2.31	1.31	6.46	28.36
March	3.10	2.28	.94	.36	.97	1.10	6.00	1.10	1.86	1.35	19.06
April	1.78	1.60	1.26	2.57	2.13	1.13	2.56	1.74	3.17	3.52	21.46
May	2.61	4.00	3.91	1.25	2.64	1.58	1.49	2.20	2.30	1.69	23.67
June	.38	.70	2.02	2.81	3.42	3.35	1.89	3.15	.99	1.75	20.46
July	3.28	2.46	1.75	3.61	1.99	2.46	1.78	1.68	4.00	2.61	25.62
August	4.04	3.36	2.71	4.09	1.95	5.09	.56	4.28	2.05	3.48	31.61
September	.29	2.00	2.92	4.60	1.36	4.29	(1.90)	2.02	1.52	3.83	24.73
October	3.04	2.71	2.18	3.41	4.61	.93	.33	2.30	6.02	1.50	26.03
November	3.63	1.19	2.92	6.06	.49	6.64	2.41	1.64	4.41	4.86	34.25
December	1.42	3.43	1.40	2.54	2.48	3.02	2.86	4.84	3.69	2.41	28.07
TOTALS	31.21	28.31	28.23	36.89	28.83	37.98	(27.11)	34.17	31.79	34.53	319.05
	D	D	D	D	D	D	D	D	D	D	486

1947. Feb. odd snow. Septest. (Gauge tampered with).

20/104

* Average of 28.9 rejected as probably too low. (1941)

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

BRITISH RAINFALL ORGANIZATION

Station No. 2666

T.F.

RAINFALL at HAGGATE RESERVOIR N° 61

51

County of DERBY

Observer DERWENT VALLEY WATER BD,

River Basin TRENT - DERWENT - 6

Type of Gauge SNOWDON

Annual Average 28.9 in. based on years obs. un-weighted. Period of average 1916-1950 S Ref.
 " 34.54 " 20 " WITHIN 1937-57 " " File No. 370241/34

Diameter ...	5"		109	575							
Height ...	11 o"				1						
Altitude ...	680'	646'			51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means 727.60
January ...	3.09	3.66	1.14	1.89	3.66	6.10	2.57	4.46	3.86	6.04	36.47
February ...	3.97	1.00	2.32	3.19	2.73	1.52	3.38	5.18	.17	3.39	36.85
March ...	4.74	2.71	2.41	3.42	3.50	1.36	3.41	2.34	2.28	2.01	28.18
April ...	1.78	2.60	3.18	1.54	1.61	1.76	1.10	1.19	3.87	1.86	18.39
May ...	3.82	3.16	2.48	3.60	3.30	1.86	1.15	3.38	.53	1.92	24.20
June ...	1.67	2.83	2.83	5.03	4.31	4.19	1.60	4.89	.91	2.51	30.77
July66	1.20	2.89	2.61	.80	4.34	4.66	4.69	1.86	3.38	27.09
August ...	6.18	2.01	3.65	4.61	.53	6.21	5.94	2.30	1.05	4.93	37.41
September ...	2.65	2.42	1.19	5.19	.84	3.59	7.25	3.61	.09	5.13	31.96
October73	4.51	2.43	5.01	2.51	1.64	2.65	3.08	2.67	7.55	32.68
November ...	8.48	1.96	2.69	6.47	3.43	1.21	2.81	1.18	4.01	4.68	36.92
December ...	3.42	3.72	1.40	4.23	3.76	4.96	3.23	4.29	5.98	4.34	39.33
TOTALS ...	41.19	31.78	28.61	45.79	30.88	37.64	38.75	40.59	27.28	47.74	370.25
	0	D	D	D	d.	d.	D	D	D	D	

* Average rejected 1941 as being too low.

SK

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference (43) 350526

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	c 1914 n.p. 14	✓	✓	✓	✓