

RAINFALL AT

Ambergate
Matlock *Crick* *Russett Works*

Lat.

Lon.

County of *Derbyshire*

Swindon

Rain Gauge, by *N+3*

Observer *F. R. Fulling ch.*

for *O. Wright & Co*

Sevent - 6.

Diameter ..								5			
Height								10	1	0	
Altitude ..								658	669	↑	
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	3.05	
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	

imp

1907 *Crick Church* 1 mile
Ambergate Station 3300' 1 mile
Sheds 15ft high 100'

S 1908

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S 1908

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N

RAINFALL at Ambergate Reservoir CreekCounty of DerbyshireObserver G. Cooper Drabble EsqRiver Basin Trent - Derwent 6M. M. McCallum Esq
(for E. Sandeman Esq) (11)Rain Gauge, by N 4 3/4

Diameter ...	5										
Height	1.0										
Altitude ...	690 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January	2.70	1.14									
February ...	2.57	1.73									
March .....	.76	1.65									
April	3.03	1.60									
May	1.94	1.59									
June	1.71	2.20									
July	2.62	.02									
August	3.55	1.23									
September ..	.37	1.75									
October	2.43	2.06									
November ..	4.08	2.25									
December ...	4.06	3.76									
TOTALS ...	29.82	20.98									
	29.82	20.98									

? same as next sheet

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

RAINFALL at

Ambergate

County of DerbyshireObserver S B Winsor Esq etcRiver Basin Trent Derwent 6

Rain Gauge, by

Diameter ...					5							
Height					1.0							
Altitude ...					700							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...					1.52	3.01	1.23	2.98	2.50	4.28		Totals 76.19 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
April .....					.98	.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 Rk

1914 not printed, small ? same as Crich Res. see previous sheet

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Ambergate Reservoir No. 61County of DerbyshireObserver S. B. Wines Esq C.E.River Basin Great-Derwent 6Derwent Valley Water Bd.(1925) Snowdon Rain Gauge, by _____

Diameter ...	5												
Height	1	0											
Altitude ...	700												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		
January ...	3.76	3.71	4.39	1.70	2.31	2.92	3.11	1.86	6.70	1.39	4.26	36.11	Total
February ...	2.71	3.4	3.19	5.42	1.00	3.41	2.72	1.75	3.36	2.9	9.0	25.09	
March	2.12	1.67	2.15	1.90	1.31	.97	1.19	2.92	2.42	.32	2.83	19.80	
April	5.50	.91	2.87	2.40	2.17	2.01	1.71	2.11	.75	1.26	3.11	24.80	
May	2.60	1.71	.50	3.27	3.50	3.97	2.30	1.32	1.24	2.08	1.38	23.87	
June	2.75	.26	1.49	.51	2.41	.00	1.90	4.74	3.59	1.23	1.30	20.18	
July	5.29	.67	4.15	4.47	3.38	1.65	1.60	2.72	1.07	2.23	6.12	33.35	
August	1.12	3.52	6.66	2.67	3.10	2.53	2.90	4.53	3.71	2.57	2.22	35.55	
September...	1.53	1.23	2.35	2.59	3.06	4.21	1.24	4.56	4.0	.75	4.37	26.29	
October	2.40	4.34	.62	2.10	4.90	4.06	2.40	2.93	5.54	3.88	2.97	36.14	
November...	1.13	1.79	1.17	1.72	1.58	2.31	.79	2.72	4.62	6.74	3.55	28.12	
December...	3.00	3.08	3.74	2.92	2.90	3.04	1.16	(2.74)	2.83	4.53	2.51	32.45	
TOTALS...	33.91	23.23	33.28	31.69	31.62	31.08	23.02	34.90	36.23	27.27	35.52	341.75	

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

Reference No. _____

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

RAINFALL at Ambergate Reservoir No 61County of DerbyshireObserver S. B. W. W. F. C. E.River Basin Trent - Derwent 6Derwent Valley Water Bd. (1953)Type of Gauge SnowdonAnnual Average 11.7 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. S660619/26 370241/34

Diameter	5											
Height	1	0										
Altitude	700					680		690				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	2.31	2.49	2.51	2.55	1.34	3.52	4.69	4.06	5.48	(2.80)		31.75
February	3.33	4.7	2.53	6.8	3.53	2.36	4.31	1.19	2.06	(2.70)		23.16
March	3.5	1.70	2.55	2.07	.90	2.49	2.42	2.5	2.18	2.52		17.43
April	3.87	2.85	1.17	2.01	3.25	2.01	2.46	.19	1.82	2.01		21.64
May	3.24	6.65	2.06	1.07	.42	.43	2.86	2.24	1.38	1.73		22.08
June	3.97	.77	2.19	.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	.35	1.56	2.02	1.04	.66	1.67	2.41	.43		16.23
September	3.16	2.47	.92	2.37	3.75	2.90	1.60	3.11	1.28	1.34		23.90
October	.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	5.89	7.53		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)	313.12	313.12
		D.	D.	D.	D.	D.	D.	D.	D.	D.		40th

1940 Jan 3 Feb 2nd 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 on other sides.
 Nearest objects: bushes - 2' 6" high - 15' distant.
 Inter-wall 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,
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

Station No. T.F. 2666RAINFALL at Ambergate Reservoir N° 61

41

County of DerbyshireObserver Dumfries Valley Water Bd.River Basin West. Derwent 6Type of Gauge StandardAnnual Average $\frac{1}{2}$ in. based on years obs. un-weighted. Period of average Ref.File No. 6406/19/26 370241/34

Diameter	5"			109	575							
Height	1'0"				1							
Altitude	680'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	4.18	3.46	4.94	4.00	3.02	3.83	2.83	6.91	1.47	1.07		35.71
February	2.46	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	2.36	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	5.02	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		28.09
TOTALS	31.21 D	28.31 D	28.23 D	36.89 D	28.83 D	37.98 D	(27.11) D	34.17 d	21.79 d	34.53 d		319.05 1946

1947, Feb. obj. snow. Sept. est. (gauge tampered with).

20/104

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

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.

BRITISH RAINFALL ORGANIZATION

Station No. 2666 *T.F.*RAINFALL at IMMEDIATE RESERVOIR No. 61 **51**County of DRAY Observer DEWENT VALLEY WATER BD.River Basin TRANS-DEWENT-6Type of Gauge SNOWDONAnnual Average 28.9 in. based on 20 years obs. un-weighted. Period of average 1916-1950 Ref." " 34.54 " " 20 " " WITHIN 1937-57 " " 1916-1950 5 File No. 370241/34

Diameter ...	5"			109	575"							
Height ...	1' 0"				1							
Altitude ...	680'	646'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total	
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	5.13	.17	3.39	26.85	
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	.54	1.51	1.76	.10	1.19	3.87	1.86	18.39	
May ...	3.82	3.16	2.48	3.60	3.30	.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	
July ...	.66	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	
October ...	.73	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	4.24	5.98	4.34	39.33	
TOTALS ...	41.19 0	31.78 0	28.61 0	45.79 0	30.88 0	37.64 0	38.75 0	40.39 0	27.28 0	47.74 0	370.25	

* Average rejected 1941 as being too low.

SK

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 43/250526

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

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
	c 1914 n 2.14	✓	✓	✓	
	-	228-30	32.35-39 23334 40	441-95 d 46.28-50	