

RAINFALL at

Munworth Graves.

County of Warwickshire

Observer

J. D. Watson Esq. C.E.

River Basin Trent. Right Bank Substation 4

Birmingham Drainage Board

Snowdon Rain Gauge, by

Diameter ...			8									
Height			0 6									
Altitude ...			286 ft				259					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...			4.36	3.25	.84	2.64	.98	2.07	2.62	2.89		16.19 8.56
February ...			1.07	.74	1.35	2.71	4.24	1.00	1.18	2.45		8.87
March			2.54	4.01	2.04	.75	4.90	1.46	1.00	3.75		11.11
April24	2.92	.81	.98	1.08	1.49	2.35	1.54		6.46
May			2.39	2.64	1.36	3.33	2.30	2.11	1.96	.95		7.32
June			4.26	1.18	2.21	1.05	1.69	3.48	.63	1.40		7.20
July			3.71	1.40	3.74	5.92	1.68	1.95	3.19	2.99		7.81
August			5.99	.98	1.55	2.50	2.19	4.92	1.23	2.09		10.43
September ..			.74	1.77	.82	.45	.92	1.74	4.59	1.67		8.92
October ...			2.03	2.48	1.53	1.51	2.75	2.69	1.14	2.58		9.16
November ..			2.01	2.20	3.05	2.60	2.49	1.01	1.58	1.43		6.51
December...			3.17	1.23	5.52	4.27	2.49	1.33	2.60	3.49		7.91
TOTALS ...			32.51	24.80	24.82	28.71	27.71	25.25	24.07	27.23		104.26 9.56

1912 House 20 ft high 60 yds NE
Tree 50 . . . 60 . . . NW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.32 N	1.45 W	Water Orton	1 m	S	Cundworth	1 m	E

RAINFALL at Monmouth G. leavesCounty of WorcesterObserver Birmingham Storage BoardRiver Basin 4 - Trent R.Ad. W. Whitehead (England)
(1926) or John D. Watson (E)(1929) Sharncliffe Rain Gauge, by Sharncliffe

Diameter ...	8											
Height	0.6							1.0				
Altitude ...	285	259		259								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January ...	2.42	2.12	3.11	1.59	2.22	2.05	2.60	2.61	4.07	1.22	3.62	Totals. 27.63
February ...	1.36	1.13	2.10	4.20	1.77	2.61	2.13	2.24	2.19	.51	.79	18.73
March	2.43	1.11	1.61	1.50	.84	.93	.76	1.70	1.84	.19	2.59	15.50
April	2.90	1.04	2.61	2.30	2.60	2.29	2.20	1.54	1.30	.71	2.08	22.57
May	2.41	1.33	1.39	1.34	4.36	3.32	3.99	1.26	.47	1.59	2.13	23.59
June	1.95	.70	.73	.55	1.55	.16	1.74	3.96	3.04	1.53	1.23	17.14
July	3.55	.34	5.84	3.31	2.74	2.89	1.90	3.07	1.10	1.40	4.51	30.65
August	1.68	3.77	5.57	2.01	2.74	2.09	1.92	3.46	2.19	2.00	2.60	30.03
September...	2.23	.79	2.06	2.90	3.13	3.58	1.15	3.75	.86	.61	3.61	24.67
October	2.16	1.87	.36	2.89	3.84	3.20	2.03	1.66	4.36	3.29	2.37	28.03
November...	.75	1.70	.86	1.44	1.99	1.50	4.31	3.55	3.14	5.20	3.01	27.45
December...	2.03	1.67	3.67	2.94	2.42	2.21	.51	2.75	2.00	3.87	2.34	26.41
TOTALS...	26.87	16.57	29.91	26.97	28.90	26.83	25.24	31.55	26.56	22.12	30.88	292.40
	0	D	D	D	D	D	D	D	D	D	D	413

1920 June 20th. 60th. of. N.E.

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

Reference No.

Date.	Lat. N.	Long. ^{or}	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	52°32'	1°45'	Monmouth.	1 mile	S.E.	Exelworth.	1 mile	N.E.

RAINFALL at Midworth Greaves hail gaugeCounty of Warwickshire Observer Birmingham Drainage Bd.River Basin Trent - Right Bank Tribs 4Type of Gauge Glaisher. M.O. (1935)Annual Average 24.2 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref 5

Diameter	2				5				5"		
Height	1 0				1 6						
Altitude	259				276						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.18	1.48	1.84	2.40	.83	2.84	3.50	2.84	5.31	2.51	Totals 24.73
February	2.58	.25	3.12	.31	2.41	2.32	3.41	.74	1.20	2.31	18.65
March	.36	1.44	2.53	1.63	.57	1.63	2.32	.44	1.54	1.47	13.23
April	3.24	2.67	0.87	2.33	3.12	1.87	2.35	.10	1.70	4.96	23.21
May	3.72	7.53	1.41	.69	1.03	.69	2.36	1.74	1.19	2.32	22.68
June	4.17	1.00	2.66	.64	2.92	4.58	.99	1.89	1.38	.63	20.86
July	2.83	3.31	2.30	1.44	.24	5.16	2.60	2.86	3.94	2.26	27.06
August	3.95	1.44	0.90	1.62	1.55	.59	.80	3.36	4.92	.23	19.36
September	2.52	3.14	0.79	1.60	3.41	2.86	1.77	2.52	.97	.58	20.16
October	.76	3.69	3.75	1.46	2.81	1.59	2.40	2.31	3.55	3.49	25.81
November	2.36 2.45	1.90	1.40	2.06	4.61	1.99	1.73	2.84	3.49	6.04	28.62
December	.78	.64	0.42	3.32	3.52	1.85	2.44	3.75	1.41	1.87	20.00
TOTALS	28.45 2.	28.49 2	21.99 2	19.50 2	27.02 2.	27.97 2	26.67 2	25.39 2	30.82 2	28.77 2	265.07 126

1931. Gauge 20' high 60 yds. N.E.
 1935. New gauge erected on site 200 yds S.W. of old site on 31.12.34.
 1936. Tank 30 inches high 35' N.

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.			Water Orton	1m	S.E.	Gurdworth	1m	N.E.

Station No. 2487

RAINFALL at Trinworth Green

41

County of South Yorkshire Observer Birmingham Drainage Bd.River Basin Trent - Right Bank - 4Type of Gauge W.S. Glaisher (1947)Annual Average 24.3 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 310109/24

Diameter	5"			0.95	8.01		8"		8"	5"	
Height	1' 6"				1		1' 0"		1'	1-0	
Altitude	276'				441		386		258		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.96	2.70	4.02	2.35	1.51	1.27	1.70	3.40	1.05	.87	22.03
February	2.64	.99	1.09	1.75	1.90	2.59	1.45	1.25	.42	4.07	18.15
March	2.48	1.67	1.04	.18	.54	.69	5.20	.93	1.31	1.39	15.43
April	1.54	1.18	.96	2.06	.74	2.20	1.71	1.26	2.07	1.88	15.60
May	3.36	2.64	3.08	.54	2.51	2.26	2.70	1.94	2.71	1.47	23.21
June	.77	.06	1.57	1.26	2.64	3.88	1.38	2.16	.23	2.38	16.33
July	3.28	1.76	.68	2.16	2.77	1.21	3.12	1.41	3.45	2.06	21.90
August	3.96	2.82	1.75	2.13	1.61	5.04	.53	3.96	1.33	3.11	26.24
September	.31	1.12	1.33	2.37	1.37	3.53	1.23	2.52	1.30	4.15	19.23
October	2.26	2.44	1.72	2.28	3.08	.56	.39	2.64	5.09	.64	21.12
November	2.86	1.40	1.52	3.22	.17	4.41	1.64	1.29	2.54	3.94	22.99
December	1.32	2.12	.84	1.11	2.35	1.82	1.70	3.91	1.05	1.26	17.58
TOTALS	27.76	20.90	19.60	21.41	21.19	29.46	22.75	27.17	22.55	27.02	239.81

1941 Sludge conditioning Tank 30" dia 35' N.

(Note: new gauge 21.12.34, 200 yd. S.W. of Rd.).

1947 From 1.1.47 old g. used on old site. OS shows lt. < 30 ft.

5.8.49 Engineer says Sink Glaisher on old site was brought into use because 5" gauge too close to a belt of trees to be reliable. 5-in. gauge will be moved to site now occupied by Glaisher on 1.1.50.

1949 Water House 6' R. of 30' NE.

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			Waterorton	1 m.	S.E.	London	1 m.	N.E.

Station No. 2487

51

RAINFALL at MINNORTH GAERVESCounty of WARWICKSHIREObserver BIRMINGHAM DRAINAGE BOARDRiver Basin TRENT - R. BANK - 4Type of Gauge GAISHERAnnual Average 24.3 in. based on 15 years obs. un-weighted.Period of average 1881-1915Ref. S25.76 " " 35 " " 1916-1950File No. 1916-1950/09/34 P

Diameter ...	5"				AS	801					
Height ...	1' 0"					1					
Altitude ...	258'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	2.68	2.16	.88	1.01	2.18	3.55	1.08	2.18	3.53	5.42	24.67
February ...	2.29	.46	1.09	2.26	2.63	.63	2.32	3.65	.20	2.17	17.70
March ...	3.90	2.53	1.57	2.08	3.05	.99	1.99	1.62	1.76	1.55	21.04
April ...	2.08	2.79	2.26	.58	1.11	1.09	.22	.71	3.30	0.93	15.07
May ...	3.16	2.43	1.74	1.94	4.81	.50	1.20	1.82	.71	0.93	19.24
June ...	1.03	1.82	2.18	3.47	2.70	2.23	.90	4.62	.66	2.92	22.53
July ...	1.06	.50	2.67	3.27	.35	2.62	3.17	4.58	1.45	3.19	22.86
August ...	1.49	3.07	2.14	4.62	.63	5.51	4.39	4.90	2.41	3.42	35.64
September ...	2.23	1.31	2.53	1.26	1.94	2.47	3.94	3.07	.20	4.99	23.94
October64	3.56	2.38	3.10	1.42	1.27	1.07	2.23	2.33	4.99	22.99
November ...	5.26	2.29	1.13	4.80	1.98	.73	1.84	2.00	3.38	3.45	26.86
December ...	2.19	2.58	1.28	1.81	1.86	3.66	2.24	2.93	3.70	3.51	25.76
TOTALS ...	31.01 D	25.50 D	21.85 D	30.20 D	24.66 D	25.31 D	24.36 D	34.31 D	23.63 D	37.47 D	278.30

1951 falling 11" miles down 6' above gauge at 20'to N.E.

(18k of figures)

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

SP(42)165923

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Nates onton	1 m.	S.E.	Burdworth	1 m.	E.N.E.

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
	C1912	✓	✓	✓	
	D14-19	✓	✓	✓	