

RAINFALL at Minworth Farms.

County of Warwickshire

Observer

J D Water Esq C.R.

River Basin Trent. Right Bank Tributaries 4

Birmingham Management 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.
January ...			4.36	3.25	.84	2.64	.98	2.07	2.62	2.89	<u>16.19</u> 8.56
February ...			1.07	.74	1.35	2.71	4.24	1.00	1.18	2.45	<u>8.87</u>
March			2.54	4.01	2.04	.75	4.90	1.46	1.00	3.75	<u>11.11</u>
April24	2.92	.81	.98	1.08	1.49	2.35	1.54	<u>6.46</u>
May			2.39	2.64	1.36	3.33	2.30	2.11	1.96	.95	<u>7.32</u>
June			4.26	1.18	2.21	1.05	1.69	3.48	.63	1.40	<u>7.20</u>
July			3.71	1.40	3.74	5.92	1.68	1.95	3.19	2.99	<u>9.81</u>
August			5.99	.98	1.55	2.50	2.19	4.92	1.23	2.09	<u>10.43</u>
September ..			.74	1.77	.82	.45	.92	1.74	4.59	1.67	<u>8.92</u>
October ...			2.03	2.48	1.53	1.51	2.75	2.69	1.14	2.58	<u>9.16</u>
November ..			2.01	2.20	3.05	2.60	2.49	1.01	1.58	1.43	<u>6.51</u>
December...			3.17	1.23	5.52	4.27	2.49	1.33	2.60	3.49	<u>9.91</u>
TOTALS ...			32.51	24.80	24.82	28.71	27.71	25.25	24.07	27.23	<u>104.26</u> 104.26

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

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

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RAINFALL at ~~Alvin & Greaves~~

County of Warwick.

Observer Birmingham Starry Board.

River Basin 4 - Trent R.

H. D. Whitehead (Engineer). (John D. Watson Esq.)
(1920) in connection with

Snowdon, Rain Gauge, by
(1929) Glaisher

1920 Dec 20 F 6026. ff. 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. E.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920.	52°32'	1°45'	Wetworth	1 mile	S.E.	Cudworth	1 mile N.E.

RAINFALL at Minworth Greaves ^{near gauge}

County of Warwickshire Observer Birmingham Drainage Bd.

River Basin Trent - Right Bank tributary

Type of Gauge Glazier No (1925)

Annual Average Rain. in. based on 5 years obs. un-weighted. Period of average 1931-1935 Ref. 5

Diameter	8							5		15"
Height	10				16					
Altitude	259				276					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940 Means
January	1.18	1.48	1.84	2.40	1.83	2.84	3.50	2.84	5.31	2.51
February	2.58	2.25	3.12	3.1	2.41	2.32	3.41	1.74	1.20	2.31
March	3.36	1.44	2.53	1.63	1.57	1.63	2.32	1.44	1.54	1.47
April	3.24	2.67	0.87	2.33	3.12	1.87	2.35	1.10	1.70	4.96
May	3.72	1.83	1.41	1.69	1.03	1.69	2.36	1.74	1.19	2.32
June	4.17	1.00	2.66	1.64	2.92	4.58	1.99	1.89	1.38	1.63
July	2.83	3.31	2.30	1.44	1.24	5.16	2.60	2.86	3.94	2.36
August	3.95	1.44	0.90	1.62	1.55	1.59	1.80	3.36	4.92	2.23
September	2.52	3.14	0.79	1.60	3.41	2.86	1.77	2.52	1.77	1.58
October	1.76	3.69	3.75	1.46	2.81	1.59	2.40	2.31	3.55	3.49
November	2.36	2.45	1.90	1.40	2.06	4.61	1.99	1.73	2.84	3.49
December	1.78	1.64	0.42	3.32	3.52	1.85	2.44	3.75	1.41	1.67
TOTALS	28.45	28.49	21.99	19.50	27.02	24.97	26.67	25.39	30.82	28.77
	D.									

1931. House 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	Parish Church.	Distance from gauge	Direction
1931.			Water Orton	1m	S.E.	Minworth	1m	N.E.

Station No. 2487

RAINFALL at Trimworth Greaves

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County of Warwickshire Observer Birmingham Drainage Bd.

River Basin Trent: Right Bank - 4

Type of Gauge 5-in. Glaisher (1947)

M.O. 11/50

Annual Average 24.3 in. based on 15 years obs. unweighted. Period of average 1881-1915 Ref. S

File No. 310109/14

Diameter	5"		095	801		8"		8"	5		
Height	1' 6"			1		1' 0"		1'	1-0		
Altitude	276'			411		386		958			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.96	2.70	4.02	2.36	1.51	1.27	1.70	3.90	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	1.89	15.43
April	1.54	1.18	.96	2.06	7.4	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	2.88	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	2.31	1.37	3.53	1.23	2.52	1.30	4.16	19.23
October	2.26	2.44	1.72	2.28	3.08	.56	.39	2.64	5.09	.64	21.12
November	2.56	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	1.86	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" high 3½ N.

(Note: new gauge 31.12.34, 200 yd. S.W. of old).

1947 From 1.1.47 old g. used on old site. * 0.8 ft. above st. <300 ft.

5.8.65 Engineer Langs & 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 11.65.

1949 Watercourse 6 R.R. 36 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge.
1941			Waters Onstone	1 m.	S.E.	Lamden onstone	1 m.	N.E.

Station No. 2487

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RAINFALL at MINWORTH GATES.

County of WARWICKSHIRE.

Observer BIRMINGHAM DRAINAGE BOARD,

River Basin TRENTHAM R. BANK - A

Type of Gauge GASHFILER

Annual Average 24.3 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. S
 25.76 " 35 " 1916-1950 1916-1950 File No. 1930109/34 P

Diameter	5"			095	801						
Height	1' 0"					1					
Altitude	258'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
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	1.47	3.07	2.14	4.62	.63	5.57	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
October	.64	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	25.50	21.85	30.20	24.66	25.31	24.36	34.31	23.63	37.47	278.30
	D	D	D	D	D	D	D	D	D	D	

1951 falling 78 water level 6' above gauge at 30° to N.E.

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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	Parish Church.	Distance from gauge.
1951			Water Eaton	1 m. S.E.	Burtonwood	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	✓ ✓	✓ ✓	✓ ✓	