

RAINFALL AT *Hammerwich, Cannock Chase*

80

Lat.

Lon.

County of *Stafford*

Rain Gauge, by

Observer *L. R. Jeff Esq. C.E.*

Form R-3.

Diameter						5					
Height						1.0					
Altitude						475 ft					
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						1.48	3.08	2.11	.99	.52	
February						2.10	.65	.45	.45	1.51	
March .....						.95	2.49	1.31	2.02	2.88	
April						2.20	1.88	1.15	1.95	3.16	
May						2.05	5.59	1.84	.48	3.04	
June						2.96	.83	2.28	1.97	.87	
July .....						.34	2.28	1.19	5.21	1.37	
August						2.49	1.09	1.37	2.95	3.24	
September...						3.29	1.66	2.76	.97	2.45	
October						4.80	3.44	2.24	.60	3.44	
November...						2.73	1.89	1.41	4.17	.89	
December...						1.11	3.55	1.71	2.14	1.70	
TOTALS						26.50	28.23	19.82	23.90	25.07	

Hammerwich Church 1 mile S. E.

Iron railing 5 ft high 4 ft distant surrounding

S indicates entered correct day. (See note at beginning of this book).

RAINFALL AT

Hammerwick ^N Gameck Chase Ris

Lat. _____

Lon. _____

County of

Stafford

Rain Gauge, by _____

Observer

C.B. Martin Esq. C.E.

Zero R - 3.

J.R. Jobb Esq. C.E.

Diameter	5											
Height	10											
Altitude	475 ^N											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.54	1.95	1.47	1.49	1.29	3.38	1.12	1.58	1.15	3.67	1.964	
February ....	.61	.12	1.07	2.39	2.40	.20	.99	2.71	1.26	1.67	1.342	
March	1.38	1.25	.50	.50	1.02	2.22	2.81	2.53	.99	.91	1.411	
April	1.10	1.73	.88	.61	1.09	1.97	.93	2.01	1.91	2.20	1.443	
May	2.07	3.15	1.99	2.06	2.50	.54	.24	1.23	2.55	2.43	1.846	
June	1.45	3.65	3.26	1.61	2.93	1.15	1.82	3.20	1.10	2.21	2.238	
July	2.05	3.03	2.11	2.34	2.95	2.05	1.62	.84	1.11	1.50	1.960	
August	2.51	4.14	1.63	1.63	1.68	2.06	1.96	4.64	2.29	1.23	2.377	
September	1.03	1.32	2.17	1.51	1.36	.27	4.14	2.53	.43	2.23	1.699	
October	1.52	4.54	2.50	1.77	2.29	3.21	1.64	1.13	2.28	3.01	2.389	
November	3.83	2.06	1.44	1.13	2.19	2.77	1.63	2.18	2.05	1.41	2.069	
December ....	.65	2.95	1.68	3.22	2.36	2.02	3.12	2.15	2.10	1.94	2.219	
TOTALS	20.74	29.89	20.70	20.26	24.06	21.84	22.02	26.73	19.22	24.41	22.987	

RAINFALL AT Hammerwick Cagnock Chase ReservoirLat. 52° 39' 32" NLon. 1° 56' 33" WCounty of StaffordRain Gauge, by N. & Z.Observer G. R. Jell. Esq. C.E.

Temo-P. - 3

Diameter ..	5										
Height	10										
Altitude ..	475 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.17	1.25	1.18	1.80	2.41	.76	2.50	1.16	.65	1.16	1.704
February ..	3.95	1.19	1.33	1.04	3.05	.61	2.10	1.19	1.18	.46	1.610
March ....	.71	1.45	1.52	4.23	1.31	2.62	1.40	1.18	2.62	2.60	1.964
April .....	.94	1.53	1.95	1.77	1.28	1.71	1.24	1.54	2.39	1.42	1.577
May	1.54	.98	2.11	2.01	2.39	.39	2.23	3.52	2.63	1.38	1.918
June	1.79	3.27	2.36	1.19	.40	2.76	1.68	2.53	2.26	3.05	2.132
July	3.03	3.57	1.19	1.88	2.29	1.47	.91	3.07	2.05	3.28	2.274
August	4.24	2.06	3.90	4.76	2.78	3.89	1.10	2.39	2.89	1.73	2.974
September ..	.91	.57	1.76	3.66	1.79	1.70	1.75	.77	1.88	2.16	1.695
October	3.37	1.73	2.34	5.25	.85	1.42	4.63	4.61	1.94	3.17	2.931
November ..	2.11	1.35	1.87	2.29	1.43	2.21	2.12	2.25	1.75	.58	1.796
December ..	3.39	4.06	1.46	1.37	1.61	.55	2.32	2.42	1.75	3.96	2.289
TOTALS ..	29.15	23.01	22.97	31.25	21.59	20.09	24.98	26.66	23.99	24.95	24.864

1905 Chaseton Church 1/2 mile S.W.

Barnhill Station 1 S.W.

Engine House 90 ft high 100 yds W

H.W.

RAINFALL at Hammerwich Cannock Chase Res.County of Staffordshire Observer G. R. J. H. L. C. L.River Basin Trent Right Bank Tributaries 3 an. Wicket L. C. L.Rain Gauge, by N 23

Diameter ...	5												
Height	10												
Altitude ...	475 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		TOTALS.
January ...	1.68	.68	3.48	3.73	1.13	3.05	1.08	2.23	2.06	3.13			16.17 8.50
February ...	2.69	1.59	1.22	.77	1.69	2.83	3.67	1.11	1.58	2.23			8.54
March .....	.42	1.42	3.46	4.19	2.31	.98	3.30	1.77	1.24	4.47			10.78
April	2.15	.81	.18	3.13	.86	1.16	1.45	1.31	2.32	1.83			6.91
May	1.91	.66	2.68	2.20	1.43	2.11	2.44	2.51	2.34	1.31			8.62
June .....	.92	2.24	4.83	1.21	2.95	.59	1.77	2.83	.77	1.40			6.77
July	3.36	.41	3.49	1.18	3.11	6.73	1.61	1.52	3.80	2.63			9.56
August	3.97	1.20	6.25	1.50	1.87	1.90	1.82	4.99	1.58	2.51			10.90
September ..	.44	1.25	.91	1.93	1.23	.66	1.13	1.75	5.76	1.64			10.28
October ...	2.85	2.30	2.47	4.88	1.82	2.23	3.54	3.19	1.19	3.18			11.10
November ...	4.45	2.26	1.88	2.15	3.42	2.80	2.89	1.49	1.96	1.73			8.07
December ...	4.63	4.74	3.16	1.29	6.43	4.44	2.41	1.30	3.63	3.81			11.15
TOTALS ...	29.47	19.56	34.01	28.16	28.25	29.43	27.11	26.00	28.20	29.87			111.18
	2	2	2	2	2	2	2	2	2	2			111.18

1912 Enginette at stake 90 ft high 100 yds W

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52 39.50 N	1 54 20 W	Greenhills Charnockton	1.9 m 1/2 m	SW SW	Charstown	1.7 m 1/2 m	SW

RAINFALL at Hammerwich (Canal Chalkenroot).

County of Hants. Observer A. W. Willet, Eng. S. E.
 River Basin S. - Test R. (Am: 10. 50.)
N. K. S. Woodhouse & Co. (1923)
B. Can. Canal Co.
Snowdon Rain Gauge, by N. S. J.

Diameter ...	5											
Height	1.0											
Altitude ...	475											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	2.75	2.25	3.62	1.84	2.63	2.06	2.50	2.64	4.77	1.61	4.92	Totals. 31.59
February ...	1.47	.26	2.31	4.58	.64	2.86	2.19	2.06	2.56	.51	.70	26.14
March	2.35	1.17	1.94	1.42	1.21	1.08	1.35	2.33	2.04	.21	2.78	17.88
April	4.37	1.20	2.05	2.66	2.79	1.88	1.93	1.93	1.43	.82	2.50	23.56
May	2.42	1.70	1.05	2.29	4.66	3.78	3.56	1.64	.38	2.08	2.52	26.08
June	3.48	.51	.80	.68	2.90	.24	1.58	4.78	2.96	1.46	2.93	22.32
July	3.43	.66	4.64	3.46	2.73	2.74	3.01	3.09	1.27	2.30	6.22	33.53
August	1.24	4.03	4.45	2.66	3.07	5.59	2.22	4.38	2.97	2.40	3.14	36.15
September...	2.56	.88	2.25	3.49	3.28	4.04	.98	4.19	.85	.77	3.48	26.77
October	2.72	2.54	.37	3.56	3.26	3.47	2.63	1.74	4.51	3.95	2.74	31.39
November...	.76	1.73	1.04	1.82	1.86	2.05	4.86	4.16	3.69	6.24	3.51	31.72
December...	2.52	1.92	3.61	3.51	2.73	2.22	.61	2.40	2.03	4.56	2.81	28.92
TOTALS...	30.07	18.85	28.13	31.97	31.76	32.01	27.42	35.34	29.46	26.81	38.25	330.67

1920. Eng. house } 90 ft. 100 yds. W.
at each

1929 Inspector 21st November 1929 at 98. See Green Hill
Gauge in fence 4 ft 9 in high about 4 yds diameter

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

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	53° 39' 30"	1° 56' 17"	Brownhills	1 mile	S.W.	Chalken	1 mile	S.W.

RAINFALL at Hammerwich (Cannock Ch. Res.)County of StaffordshireObserver Birmingham Canal Navig'nRiver Basin Trent - Right Bank Tribs 3Type of Gauge SnowdonAnnual Average 25.3 in. based on 35 years obs. un-weighted. Period of average 1851-1915 Ref. S.

737.558/26.

Diameter	5											
Height	1	0										
Altitude	475											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.61	2.06	1.74	2.42	1.10	2.53	3.35	2.98	5.01	2.76		25.55
February	2.42	.26	3.52	.27	2.39	2.28	3.99	.64	1.02	2.49		19.28
March	.11	1.70	2.82	2.24	.64	1.73	2.39	.61	1.50	2.16		15.89
April	3.71	3.39	.91	2.02	4.06	2.26	2.69	.14	1.94	3.08		24.22
May	3.96	6.09	1.55	1.02	.84	.91	2.89	1.31	1.42	2.26		22.25
June	3.96	.74	2.98	.74	3.44	4.32	.71	1.58	1.49	.91		20.87
July	3.42	4.41	2.18	1.28	.50	5.81	3.04	3.27	4.76	3.60		32.2
August	5.32	2.62	1.03	2.00	2.19	1.21	.85	3.37	3.42	.36		22.27
September	2.26	2.38	.80	1.86	4.02	2.71	2.69	2.82	1.14	.60		22.30
October	.83	5.02	4.70	1.96	3.69	1.79	2.36	2.26	3.50	3.36		29.47
November	3.30	1.97	1.17	2.25	5.24	2.81	1.55	3.03	4.51	6.21		32.04
December	.96	.30	.42	4.34	3.49	2.04	2.49	2.99	1.59	2.35		21.57
TOTALS	31.86	31.44	23.82	22.40	31.60	30.40	30.00	25.00	31.34	30.12		237.93
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		246

1931 Engine house slack 40' high 100 yds W.
 1932 Lake up.

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
1931			Brownhills	1m	S.W.	Chasetown	2m	S.W.

Station No. 2339RAINFALL at Hammeurich (Bannock Chase Res)

41

County of StaffordshireObserver Birmingham CanalRiver Basin Trent Right Bank-3Navigation S (1948)Type of Gauge snowdonDocks & Inland Waterways ExecutiveAnnual Average 25.2 in. based on 35 years obs. $\frac{1}{4}$ -weighted. Period of average 1881-1915 Ref. SFile No. 737.558/26

Diameter	5"			097	754							
Height	1' 0"				1							
Altitude	475'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.67	2.98	4.65	2.65	1.58	2.33	2.01	4.93	1.37	.56		2673
February	2.33	1.21	1.16	1.86	1.99	3.38	1.13	1.04	.73	4.44		1927
March	2.44	1.69	.92	.47	.99	.82	(5.36)	.98	1.65	1.17		1649
April	1.66	1.30	1.07	1.78	1.87	1.25	2.07	1.99	2.59	2.13		1771
May	2.74	4.06	3.65	.59	3.65	2.38	2.64	1.95	2.27	1.36		2529
June	.94	1.26	1.77	1.84	2.64	2.69	1.55	4.11	.31	1.24		1835
July	4.19	1.96	.85	2.29	1.36	1.57	2.37	2.25	2.49	2.09		2142
August	4.59	1.97	2.25	1.41	2.68	6.06	.75	5.25	1.60	3.36		2792
September	.44	1.34	2.65	2.92	1.45	3.93	1.96	2.23	.96	3.91		2179
October	2.66	2.43	1.71	3.10	3.98	.68	.50	2.17	4.54	.90		2267
November	3.13	1.24	2.03	3.63	.49	5.48	2.38	1.89	3.28	4.18		2773
December	1.60	2.99	1.15	1.47	2.35	3.01	1.99	3.67	1.85	1.55		2163
TOTALS	30.39	24.43	23.86	24.01	25.03	33.58	24.71	32.46	23.64	26.89		269.00
	D	D	D	D	D	D	D	D	D	D		486

1941 Cottages 30' higher 110' W. Jan. cond. for snow.
 1947 travel corr. for snow.

242.11

1950 Rain gauge a little high - water 15.1 for 1 inch.

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			Brownhills.	1 m.	S.W.	Chazetown.	1/2 m.	S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 2339

RAINFALL at Hammerwich (Cannock Ch. Riv.)

51

County of StaffordshireObserver BRITISH
Darker Island WaterwaysRiver Basin Great Right Bank-3Type of Gauge LowdonAnnual Average 25.3 in. based on 35 years obs. in -weighted.Period of average 1881-1915 Ref. S28.62 " " " " " 1916-1950File No. 1916-1950
737.558/26 P

Diameter ...	5"			097	754						
Height ...	1' 0"				1						
Altitude ...	475'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.32	2.53	1.18		2.00	3.19	1.27	2.12	3.58	5.31	
February ...	2.57	.66	1.31		1.69	.44	2.02	4.68	.44	1.92	
March ...	4.81	2.01	1.08		2.72	1.16	2.07	1.80	1.47	1.97	
April ...	2.30	2.43	2.96		1.10	1.73	.23	.73	2.69	1.35	
May ...	3.71	3.14	2.21		4.04	.68	1.03	1.58	.97	1.49	
June ...	1.64	2.12	2.33		3.18	2.02	1.00	3.17	.67	2.74	
July ...	1.14	2.14	2.51		.84	2.85	3.63	5.52	1.61	4.02	
August ...	5.49	2.21	2.23		.66	4.35	4.02	2.35	1.82	3.49	
September ...	2.64	1.27	2.40		2.27	2.65	5.58	3.34	.11	4.67	
October ...	.76	4.17	1.67		1.67	1.71	1.64	3.03	2.78	6.73	
November ...	6.61	2.02	1.89		2.60	.88	2.03	2.00	3.95	3.80	
December ...	2.60	2.80	1.60		1.70	2.62	1.10	3.26	3.37	3.00	
TOTALS ...	36.59	27.50	23.37	N.R.	24.27	24.28	25.62	33.58	23.46	40.49	
	D	D	D		D	D	D	D	D	D	

1951 bottoms 30' high at 110' W.1954 No reply to letters

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SK(43) 040074

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			<u>Brownhills</u>	1 m.	<u>S.W.</u>	<u>Chasetown</u>	<u>1/2 m.</u>	<u>S.W.</u>

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	
			<u>but - 39</u>		