

RAINFALL AT

Ripnal, Hutton Grange

Lat.

Lon.

County of *Salop*

Rain Gauge, by

Observer *Col. Haysen-Raney m.*

Seven-14.

Diameter....											
Height.....											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		1.32	4.15	1.80	1.61	2.37	1.89	3.23	1.78	1.61	
February....		1.61	2.50	3.35	2.26	1.01	2.28	1.89	1.10	2.22	
March.....		.73	1.76	4.09	.68	.59	2.19	2.18	.87	.78	
April.....		2.35	2.99	.72	.95	.57	2.71	2.11	1.82	2.26	
May.....		1.14	1.78	2.18	1.74	1.43	.70	1.83	5.55	2.45	
June.....		2.72	4.54	2.74	.62	2.47	2.77	1.33	2.71	4.64	
July.....		2.74	4.10	2.83	.86	5.15	1.89	4.00	.93	3.03	
August.....		1.43	3.48	2.48	2.56	3.47	2.42	4.23	5.63	5.05	
September...		5.56	2.54	1.60	2.80	3.44	4.54	2.78	2.64	2.23	
October.....		2.61	5.45	1.94	1.57	5.32	2.53	2.00	3.35	1.37	
November...		.55	3.15	1.48	3.27	3.32	3.63	2.49	3.55	.96	
December...		1.56	3.05	.46	1.40	.97	4.41	1.51	1.84	.76	
TOTALS.....	(10.50)	24.26	39.49	22.67	20.32	30.11	31.96	29.68	31.77	27.36	(27.712)

1870 estimated from Houghton Hall

RAINFALL AT Shifnal, Hatton Grange

Lat.

Lon.

County of Salop

Seven - 4.

Rain Gauge, by

Observer Col. Kenyon-Stacey m.c.

Diameter												
Height												
Altitude												
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.46	.48	2.35	2.47	2.25	1.66	2.98	2.76	.62	.42		
February	2.26	2.12	2.54	2.30	1.48	2.18	.71	.67	.81	1.57		
March	1.42	2.14	1.52	1.18	2.29	.65	2.57	1.57	2.23	2.69		
April	1.87	1.24	2.24	.90	1.56	1.96	1.11	1.70	2.30	2.45		
May	2.32	1.65	1.95	1.79	1.11	2.15	6.04	1.70	.73	3.44		
June	2.07	2.15	4.93	2.56	2.02	3.02	1.35	1.57	2.27	1.44		
July	5.25	1.81	3.01	1.84	2.61	.28	3.11	1.62	5.20	1.71		
August .....	.58	2.97	2.38	.76	2.06	1.99	1.30	4.29	3.31	3.21		
September...	3.24	1.84	2.04	4.39	2.20	4.02	3.61	2.57	.80	2.04		
October.....	4.99	2.43	5.87	2.10	1.43	4.03	3.20	2.23	.73	2.24		
November	1.83	2.23	4.41	4.16	1.49	3.01	1.81	1.53	4.49	1.27		
December	3.22	2.43	3.57	.87	2.20	.67	2.10	1.49	2.31	1.71		
TOTALS	20.51	25.49	37.81	26.32	22.80	25.62	30.89	23.80	25.90	25.19	22.43	

RAINFALL AT

Shipnal Hallon Grange

Lat. _____

Lon. _____

County of

Shropshire

Rain Gauge, by _____

Observer

Ed. Kington-Raney M.R.

Seven-H.

Diameter										5	
Height										4.2	
Altitude										261	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.36	1.00	2.34	1.57	1.91	2.71	.98	1.82	.88	3.42	1.889
February ....	.58	.74	1.37	2.74	2.12	.34	.51	2.11	1.89	2.50	1.517
March	1.18	1.46	.75	.52	1.07	1.58	2.55	1.81	.94	.96	1.282
April .....	.86	1.56	1.09	.39	1.52	1.96	1.27	1.91	1.35	2.49	1.440
May	1.69	1.34	2.32	2.29	2.57	.60	.39	.76	2.98	2.28	2.022
June	1.39	2.52	2.11	1.73	2.82	1.72	1.04	3.16	1.40	2.90	2.130
July	2.41	1.78	2.33	2.01	2.79	2.63	1.45	.79	.97	1.94	1.910
August	3.25	3.72	2.13	1.46	2.29	1.91	1.59	2.91	2.85	.54	2.265
September	1.95	1.92	3.01	1.61	1.24	.52	3.68	2.29	.54	2.97	1.973
October	2.02	5.43	3.09	2.17	2.28	2.59	2.70	1.26	2.64	2.80	2.695
November	4.45	1.85	2.33	1.28	3.09	2.88	1.34	1.68	1.54	1.77	2.221
December ....	.63	3.23	1.67	3.21	1.48	1.64	3.11	2.97	2.26	2.25	2.224
TOTALS	22.74	29.36	25.11	20.98	24.66	21.08	20.61	23.77	20.23	26.82	22.569

RAINFALL AT

Shipnal Hutton Grange

Lat.

Lon.

County of

Shropshire

Rain Gauge, by

Hutton

Observer, Col. Kenyon-Raney, M.P.

M.P. Gibson

Severn - 4.

Diameter ..	5										
Height	4 2										
Altitude ..	261										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.48	2.08	1.77	1.88	2.80	.68	3.43	1.41	1.27	1.03	1.883
February ..	3.69	1.24	1.21	1.21	3.50	.69	1.46	1.16	1.24	.66	1.606
March ....	.98	2.12	1.24	4.22	1.68	3.30	1.26	1.13	3.13	2.35	2.141
April .....	.64	1.77	2.02	1.64	1.35	1.87	1.99	2.11	2.76	2.22	1.837
May	1.68	1.07	3.08	2.41	2.00	.48	2.78	3.16	2.75	1.05	2.049
June	2.07	1.73	1.92	1.31	.68	1.78	2.34	2.71	2.60	3.10	2.024
July	1.28	3.77	1.59	2.09	1.68	1.82	1.09	2.51	2.45	3.40	2.168
August	4.02	2.72	6.06	4.82	2.83	4.80	1.59	2.80	3.47	1.75	3.486
September..	.64	.72	1.27	3.68	2.30	1.05	1.21	1.20	2.15	3.04	1.726
October....	3.87	2.43	2.77	5.40	1.01	1.24	4.74	4.94	2.08	2.79	3.127
November..	2.48	1.47	1.77	2.29	1.44	2.59	3.04	2.33	2.20	.70	2.031
December..	3.63	3.66	1.63	1.85	1.86	.78	2.72	2.45	2.36	4.49	2.543
TOTALS ..	27.46	24.78	26.33	32.80	23.16	21.08	27.65	27.91	28.46	26.58	26.621

1900 Royton Church 1/4 miles S

wall 15 ft high 39 ft N

1903 Shipnal Station 3 miles W

1905 " Church 3 " W

H. B.

RAINFALL at Shifnal HuttonsCounty of ShropshireObserver M G RieborRiver Basin Severn - Left Bank Trehafod 4

Rain Gauge, by _____

Diameter ...	5											
Height	4.4											
Altitude ...	262											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SUMS
January ...	1.90	.55	3.84	3.41	1.16	3.20	.92	2.16	1.77	2.59		16.19
February ...	2.42	1.51	1.09	.79	1.95	2.51	4.39	1.08	1.50	2.48		7.44
March .....	.42	1.32	3.46	4.91	2.39	.92	3.08	2.24	1.41	4.72		9.45
April	2.02	.75	.21	3.17	.92	1.32	1.53	1.56	2.33	2.05		11.45
May	1.62	.49	2.71	2.37	1.28	2.38	2.77	3.78	3.76	.73		7.47
June	1.92	2.52	4.73	.96	3.62	1.59	1.50	2.06	1.02	1.29		11.04
July	1.79	.47	2.50	1.40	4.70	5.90	1.92	2.25	3.37	2.60		5.87
August	4.26	1.17	5.45	1.98	1.96	2.71	2.43	5.32	1.59	2.17		10.14
September ..	.80	1.55	.83	1.44	1.47	.86	1.22	1.40	5.26	1.72		11.81
October ...	3.25	1.86	2.74	3.92	1.59	2.09	3.94	3.17	1.63	3.23		9.60
November ..	4.15	2.53	2.65	2.38	2.90	2.30	1.22	1.92	1.61	1.57		11.97
December ...	4.78	4.67	2.73	1.28	6.06	4.37	2.56	1.33	3.59	3.47		6.32
TOTALS ...	29.33	19.39	32.94	28.01	30.00	30.15	27.48	28.27	29.14	28.62	28.333	113.51
	3	3	3	3	3	3	3	3	3	3		10.74

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

RAINFALL at *Shipnal (Bathon Gang)*County of *Shropshire* Observer *Mr. G. Kiebsen*River Basin *4 Sever*

Rain Gauge, by _____

Diameter ...	5												
Height	4.4					3.6				1.6			
Altitude ...	262					262							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS		
January ...	2.76	2.14	3.87	1.86	2.76	1.79	2.49	1.82	3.92	1.37	4.02	29.80	Totals.
February ...	1.53	.31	2.56	4.88	.69	3.27	1.90	1.62	1.94	.60	.55	19.85	
March	2.58	1.57	2.63	1.57	1.51	1.01	.61	2.32	1.39	.22	3.13	18.54	
April	4.27	1.65	2.16	2.19	3.32	1.64	1.46	1.27	1.40	.72	2.17	20.25	
May	4.06	1.14	1.08	2.33	4.31	2.77	3.00	1.40	.76	1.83	2.23	24.91	
June	2.70	.50	.56	.73	2.56	.03	1.52	4.40	3.35	1.94	.82	20.07	
July	4.09	.78	4.35	4.54	4.67	3.13	1.89	2.73	1.04	2.29	5.25	30.76	
August	1.17	3.69	2.73	2.40	3.42	2.40	2.09	3.89	2.91	1.65	2.29	28.64	
September...	1.88	.54	2.61	2.07	3.15	3.56	.94	3.06	1.16	.93	3.09	22.99	
October	4.21	2.01	.61	3.18	3.59	3.44	2.21	1.97	4.40	3.66	3.29	30.57	
November...	.70	2.13	1.31	1.64	1.77	1.62	4.96	3.11	3.79	5.33	3.14	29.50	
December...	2.48	1.95	4.15	2.86	2.87	2.48	.55	1.75	1.80	4.39	2.89	22.17	
TOTALS...	34.43	18.41	28.62	30.25	34.62	27.14	23.62	29.34	27.84	24.93	32.87	312.07	
	0	0	0	0	0	0	0	0	0	0	0	0	

Position of Station on reduced Ordnance Survey Map, 2 miles 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

RAINFALL at Shipnal (Hutton Grange)County of Shropshire Observer H. P. RogersRiver Basin Deveron - Left Bank Mr. C. Smith (1938)Type of Gauge The Head Gardener (1940)Annual Average 26.1 in. based on 35 years obs. un-weighted. Period of average 1851-1915 Ref. B. & N.

879023/28.

Diameter	5											
Height	1 6											
Altitude	262											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.72	2.15	1.77	2.32	.99	3.06	2.97	3.30	4.88	1.99		25.15
February	2.11	.20	3.30	.31	2.55	2.11	4.44	.37	.75	2.24		18.38
March	.28	1.71	2.24	2.00	.87	2.15	2.43	.44	1.49	1.44		15.05
April	4.52	3.46	1.04	2.67	3.17	2.28	2.29	.13	1.53	2.98		24.07
May	4.36	4.83	1.85	.99	.94	1.70	2.67	1.32	1.23	2.13		22.02
June	4.85	.72	2.83	1.43	2.45	3.37	.88	1.45	1.69	.69		20.36
July	3.19	3.98	3.04	1.66	.56	6.24	3.45	2.94	5.30	2.43		32.77
August	4.93	2.46	1.07	2.37	1.19	.90	.73	3.70	1.65	.30		19.30
September	2.38	2.01	0.66	1.75	3.62	3.98	2.92	1.39	.55	.76		20.01
October	.98	4.45	4.71	2.51	2.90	1.85	2.20	2.60	3.51	3.31		24.02
November	3.69	1.99	1.17	2.33	5.46	2.83	1.56	3.35	3.44	5.84		32.16
December	.97	.95	0.82	4.22	2.27	2.34	2.79	2.36	1.66	1.70		19.78
TOTALS	33.98	28.91	24.19	24.56	26.97	32.81	29.33	23.35	28.18	25.81	278.09	278.09

936. Garden Wall 12' high 40' away.

278.09

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
			Shipnal	3 n	D.	Shipnal	3 n	D.

Station No. *M 2295*RAINFALL at *Shipnal (Hutton Grange)*

41

County of *Shropshire* Observer *The Head Gardener.*River Basin *Severn Left Bank-4*

Type of Gauge.....

Annual Average *26.1* in. based on *35* years obs. un-weighted. Period of average *1881-1915* Ref. *B. 97 N*File No. *879023/28*

Diameter	5"				435	528						
Height	1'6"					1						
Altitude	262'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.93	3.24	3.30	2.10	2.00	2.19	1.79	4.34	1.54	1.57		Total 3
February	2.50	.66	1.25	2.45	1.37	1.88	1.78	1.38	.53	4.19		✓ 24.44
March	2.00	1.64	.67	.62	1.02	.74	5.02	.98	2.04	.82		✓ 17.99
April	1.23	.69	.95	1.27	.93	1.02	1.72	1.96	1.83	2.05		✓ 15.55
May	2.71	3.13	2.14	.81	3.96	2.20	2.78	1.60	1.77	1.57		✓ 13.65
June	1.60	1.30	1.66	1.22	2.88	2.19	.79	2.75	.43	.82		✓ 22.67
July	2.17	1.43	1.69	2.69	2.82	1.66	4.52	1.67	1.89	2.57		✓ 15.64
August	3.73	1.67	1.35	3.08	3.78	5.16	.79	4.80	1.41	2.97		✓ 23.1
September	.51	1.38	2.45	2.62	1.28	3.68	.94	2.23	.85	3.57		✓ 29.34
October	2.27	1.91	1.64	2.83	3.62	.54	.52	2.65	3.74	1.00		✓ 17.51
November	2.66	.74	2.26	3.74	.35	4.41	1.95	1.33	2.92	4.03		✓ 20.72
December	1.03	3.09	1.10	1.63	2.68	2.58	2.18	4.31	1.17	2.43		✓ 24.37
TOTALS	25.24	20.94	21.66	25.06	26.69	28.25	24.78	30.00	20.19	26.53		✓ 22.20
	D	D	D	D	D	D	D	D	D	D		✓ 24.97

1941 Jan. adj. for snow.

40004

22.9.74
3 3 4Position 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

BRITISH RAINFALL ORGANIZATION

Station No. M 2295RAINFALL at Shifnal (Halton Orange)

51

County of ShropshireObserver W. Head GardnerRiver Basin Levern - Left Bank - 4

Type of Gauge.....

Annual Average 26.1 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. B & N
27.23 " " " " 1916-1950 File No. 879.023/28

Diameter ...	5"				435	528					
Height ...	1' 6"										
Altitude ...	262'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	2.53	2.39	.66	1.57	2.00	3.81	1.46	2.02	3.33	6.77	26.54
February ...	2.42	.58 (1.60)	1.89	2.21	2.32	.96	2.47	4.08	.23	3.27	20.43
March ...	4.26	2.60	.97	2.02	2.97	1.07	1.93	1.47	2.57	1.47	20.33
April ...	1.82	2.67	3.15	.68	1.46	2.16	.16	.53	4.23	1.36	18.22
May ...	3.97	(2.80)	1.97	3.73	3.45	.65	1.39	2.00	1.31	1.97	23.24
June ...	1.43	2.49	2.65	3.40	2.58	2.43	1.93	4.25	2.05	2.06	25.27
July ...	1.50	.93	2.70	3.06	3.08	2.66	3.95	4.51	1.60	3.80	27.79
August ...	3.33	2.71	3.18	4.91	1.05	4.59	3.65	3.68	1.26	2.60	30.96
September ...	1.81	(1.55) 2.05	2.75	2.22	2.24	2.57	4.19	4.45	.17	5.67	28.12
October ...	1.48	3.90 4.40	1.83	4.48	1.47	2.26	1.74	3.04	2.85	5.28	28.33
November ...	6.56	2.19 2.69	1.72	(6.00)	2.19	.87	2.29	2.08	3.85	5.38	33.13
December ...	2.64	(2.90)	1.56	3.06	2.37	2.42	1.29	2.61	4.66	2.97	26.48
TOTALS ...	33.75 41	(26.71) INC NP	25.03 D	37.34 D	27.18 D	26.45 D	26.45 D	32.22 D	28.11 D	42.60 D	308.84

1952 NP incomplete, estimates & amendments made 6-3-57 to correct anomaly MS.

1953 P.M.

May 1957. Our studies there has been no change of site in recent years and the gauge is sound.

12114

00024

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 57 (33) 765043

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-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	