

2477

RAINFALL AT Sparkhill [Birmingham]

Lat.

Lon.

County of Warwickshire

Warwickshire

Symonds Rain Gauge, by

Observer

D. H. Owen Esq.

Inst. R-24.

Diameter ..								5			
Height								10			
Altitude ..						400T		420T	420T		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..						1.04	4.06	.88	.67	1.24	
February ..						.68	2.20	1.16	1.22	.72	
March						3.61	1.42	.98	3.28	3.61	
April						2.38	1.22	1.95	2.74	1.95	
May .....						.30	2.61	4.21	2.90	1.50	
June						2.76	3.20	3.19	2.31	3.61	
July						1.87	1.03	2.64	2.33	3.24	
August						4.80	1.33	2.61	2.57	1.93	
September ..						1.55	1.11	.74	2.40	3.73	
October						1.35	5.15	5.46	2.34	3.98	
November ..						2.83	3.17	2.21	2.09	.80	
December ..						.87	2.16	3.83	2.40	4.87	
TOTALS ..						24.04	28.66	29.86	27.25	31.18	

1905-1906 Recd 31. VIII. 08 Int. 18. XI. 08

1905 Sparkhill $\frac{1}{4}$ m. NNW.
 1908 Jan 9 moved 300 yds. N. + 30 ft. higher. Previous returns prob. too high.
 1909 Feb 31 gauge moved 10 yards W

moved to S.W. ... 1908 ... 1909 ...

RAINFALL at *Sparkhill [Birmingham]*County of *Worcestershire*Observer *D. H. Owen Esq*River Basin *West. English Bank tributaries*Symon's Rain Gauge, by *Cassell N° 574*

Diameter ...	5											
Height	10											
Altitude ...	426 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	2.62	1.04	4.11	4.16	.93	3.00	1.37	2.16	2.53	3.89		76.19 9.95
February ...	3.00	1.66	1.64	.99	2.19	4.18	4.73	1.02	1.47	3.17		10.39
March .....	.70	1.95	4.23	5.06	2.40	.89	4.25	1.93	1.27	4.39		17.94
April	2.83	.92	.19	3.69	1.14	1.11	1.04	1.62	2.96	1.82		7.44
May	1.64	.77	2.75	2.05	1.80	3.10	2.46	3.44	2.58	.85		9.33
June	2.23	1.44	5.16	1.27	2.57	1.03	2.29	3.25	.81	1.66		8.01
July	2.26	.19	4.39	1.56	4.15	6.23	2.01	1.83	2.38	3.07		9.29
August	4.20	2.07	6.43	.90	1.70	1.43	2.25	6.57	1.47	2.80		13.09
September ..	.90	1.46	.74	1.83	.95	.65	1.18	2.32	5.57	1.92		10.99
October ...	2.31	2.20	2.75	3.47	1.91	2.06	3.58	3.20	1.29	2.54		10.61
November ..	4.20	2.61	1.96	2.94	3.55	2.94	3.48	1.44	1.85	1.90		8.67
December ...	5.29	5.37	3.63	1.34	7.12	4.92	2.55	1.65	3.28	4.25		11.73
TOTALS ...	32.28	21.68	37.98	29.26	30.41	31.49	31.19	30.43	27.56	32.26		121.44
	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>	<i>2</i>		<i>121.44</i>

1910 Feb 26 Gauge moved $\frac{3}{4}$ mile E by S
 1912 Building 30 ft high 77 ft ESE
 June 5 SSW
 1913 Transferred from Worcester
 from 8 ft high 15 ft SSE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52° 27' N	1° 51' W	Hall Green	$\frac{1}{2}$ m	S	Sparkhill St. Michael's	$\frac{1}{2}$ m	NW

RAINFALL at Birmingham (Sparkhill).County of Warwick Observer D. H. Owen, Esq.River Basin 4 - Trent R.Snowdon Rain Gauge, by Basella.
188964.

Diameter ...	5												
Height	1.0												
Altitude ...	426					535							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
											1930		
January ...	2.37	2.66	3.91	1.83	2.75	2.50	3.73	3.43	5.50	1.45	4.57	Totals	35.70
February ...	1.15	.16	2.88	6.06	.55	3.23	2.41	3.07	2.41	.87	1.79		23.58
March	3.08	1.30	2.24	1.83	.98	.95	.74	3.00	2.52	.17	3.00		19.81
April	4.84	1.22	3.64	2.48	3.74	2.10	2.64	1.64	1.48	.80	2.98		27.56
May	2.55	1.98	1.31	1.71	5.48	3.10	4.89	1.79	.43	1.92	2.00		26.86
June	2.98	.74	.98	.39	2.20	.22	1.57	4.38	2.98	1.51	1.57		19.52
July	4.37	.68	5.53	4.04	3.05	4.09	1.94	2.48	1.26	1.41	4.37		32.22
August	1.44	3.72	5.64	2.80	3.61	2.57	2.04	3.65	1.82	2.11	3.54		32.94
September...	2.41	.93	2.66	3.07	3.07	3.83	1.06	4.21	.68	.92	4.65		27.49
October.....	2.99	1.89	.32	3.54	4.10	3.94	2.92	2.03	4.94	4.05	2.80		33.52
November...	.95	2.06	1.24	2.31	2.06	1.63	5.80	3.71	4.67	7.96	3.44		35.83
December...	2.60	1.95	4.58	3.41	3.93	2.92	.53	3.20	2.20	5.92	3.09		34.33
TOTALS...	32.73	19.29	34.93	33.47	35.52	31.08	29.97	36.59	30.89	29.09	36.80		350.36
	0.	D	D	D	D	D	D	D	M V	D	D		246

1920. Spence 8/6. 15 ft. 555.
 1926 Thermometer Screen 5 ft. high 12 ft. W.N.W.
Wireless Pole 25 " " 18 " W.

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
1920	52° 27'	1° 51' W.	Hall Green	1/2 m.	S.	S. Christopher	1/2 m.	W.

RAINFALL at Birmingham (Sparkhill) M.W.R.County of Warwickshire Observer D. H. Owen, Esq.River Basin Trent Right Bank tribs 4Type of Gauge MAnnual Average 28.1 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref. A. to Short.

Diameter	5											
Height	1	0										
Altitude	425											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.82	2.45	2.33	3.13	.89	3.57	3.79	3.00	6.06	3.28		30.32
February	2.63	.26	3.60	.33	2.48	2.95	4.44	.75	1.30	2.63		21.07
March	.15	1.63	2.90	2.17	.69	2.24	3.07	.34	1.72	1.76		16.67
April	3.58	3.42	0.86	2.18	3.15	1.84	2.74	.12	1.89	3.67		23.49
May	3.61	6.95	2.26	1.05	1.78	1.46	2.33	1.53	1.26	2.88		25.11
June	3.26	1.39	2.27	.96	3.18	3.49	1.06	1.98	1.66	.54		20.09
July	2.83	3.25	2.43	1.00	.48	6.24	2.55	3.23	4.64	2.46		27.11
August	5.04	2.13	0.76	2.13	2.14	.61	1.31	3.42	2.81	.12		20.47
September	2.79	3.19	0.66	2.34	3.74	3.36	1.73	2.35	1.10	.87		22.13
October	.79	3.61	3.87	1.54	3.31	1.63	2.74	2.78	3.43	3.54		27.24
November	3.56	1.98	0.92	2.18	5.66	2.66	1.76	3.52	4.33	6.87		33.44
December	.95	1.02	0.45	4.61	3.72	2.54	2.24	4.29	1.75	1.78		23.35
TOTALS	31.01	31.29	23.31	23.62	31.22	32.92	29.46	27.31	31.95	30.40		272.67
	D	D	D	D	D	D	D	D	D	D		444

Inspected 8/5/34. Reservoir is flat bottomed.
 new no gauge set up 18.9.38 s/e of old gauge. The readings give two gauges
 show little difference and the new g. readings are being used from October 1938.
 Inspected 18.5.39. Dit. inadequate - water readings likely to be affected.

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

Station No. M.W.R. 2477RAINFALL at Birmingham (Sparkhill)

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County of Warwickshire Observer D. H. Owen Esq.River Basin Trent - Right Bank - 4Type of Gauge In O.Annual Average 38.1 in. based on 31 years obs. un-weighted. Period of average 1881 - 1915 Ref. A.N. Sheet.

File No.

Diameter	5"			0.96	7.50							
Height	1' 0"				3							
Altitude	425				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.87	3.41	5.50	3.03	2.15	2.30	2.26	4.65	1.61	.68		Totals 29.46
February	2.84	1.06	1.82	1.66	2.49	2.35	1.86	1.47	.85	5.81		21.34
March	2.50	2.12	.98	.27	.90	.99	6.45	1.28	1.53	1.10		18.12
April	1.61	1.40	.85	1.91	.91	2.87	2.45	1.62	2.27	2.02		17.91
May	2.96	3.42	3.76	.87	2.69	2.93	2.29	2.67	2.43	1.52		25.54
June	1.04	.12	1.63	1.61	3.10	2.63	2.09	3.07	.38	1.76		17.43
July	3.39	2.32	.83	2.36	1.97	1.64	3.22	1.53	1.91	2.71		21.81
August	3.93	3.55	1.74	2.13	1.76	5.62	.59	3.99	1.71	3.77		28.79
September	.68	1.25	1.01	3.64	1.34	3.76	1.32	3.13	1.36	4.40		22.47
October	2.62	2.58	2.23	3.23	3.93	.45	.52	2.79	5.79	.68		24.82
November	3.17	1.46	1.74	4.92	.47	6.39	1.66	1.53	3.51	4.17		29.02
December	1.65	2.97	1.15	1.85	3.36	2.77	2.38	5.07	1.44	1.72		24.36
TOTALS	30.29 D	25.66 D	23.84 D	27.38 D	25.07 D	34.70 D	27.09 D	32.80 D	34.79 D	29.54 D		281.16 486

1950. Gauge moved 4' to 50" & is now 26' away from pear tree to the N of the screen
 1951 15.5.51 Pear tree lopped. Gauge replaced in original position.

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map.....

Reference No. 42-102837

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

Station No. 2477 ^T M.W. 194 **51****RAINFALL** at BIRMINGHAM (SPARKHILL)County of WARWICKSHIREObserver D. H. OWEN, Esq. F.R.S.River Basin TRENT - R. BANK - H.Type of Gauge M.O.Annual Average 28.1 in. based on 31 years obs. wt.-weighted. Period of average 1881-1915 Ref. A.W.S.
29.87 " " 35 " " 1916-1950 1916-1950 PFile No. 1916-1950

Diameter ...	5 ^h				516	750					
Height ...	1' 0"					3					
Altitude ...	425'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.05	2.84	.82	.98	2.88						
February ...	2.91	.67	1.32	2.97	2.38						
March ...	4.86	2.53	1.66	2.72	1.18						
April ...	2.44	3.09	2.62	.60	1.17						
May ...	3.36	2.77	2.40	2.60	5.00						
June ...	1.49	1.44	2.01	2.94	3.03						
July ...	.86	.85	3.26	3.53	1.17						
August ...	4.44	3.73	2.32	2.65	.62						
September ...	1.89	1.94	2.49	1.91	1.65						
October ...	.61	4.64	2.37	3.63							
November ...	7.05	2.20	1.16	6.38							
December ...	2.39	2.81	1.27	2.39							
TOTALS ...	35.35	29.51	23.70	34.30	NP						
	D	D	D	D	Inc						

1956 Observer died 7.11.1955.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SP(42)102.837 ^(th of drawings)

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	