

2684

RAINFALL AT Whitacre Birmingham W.W.

Lat. _____ Lon. _____ County of Warwick

Rain Gauge, by _____ Observer E. Anty Lee Esq

June 28 - 14.

Diameter				5		5					
Height				1 - 3		1 3					
Altitude				269 π		269 π					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . .				.60	1.42	3.22	1.30	1.57	.77	3.09	
February				2.31	2.03	.34	.46	2.70	1.17	2.17	
March . . . . .				.53	1.12	1.77	2.37	2.77	.87	1.02	
April . . . . .				.24	1.42	1.86	1.09	1.49	1.59	1.97	
May				1.61	2.03	1.00	.45	1.73	3.13	1.63	
June . . . . .				.87	1.73	.65	2.91	3.01	1.67	1.93	
July				2.02	3.05	2.84	1.98	.69	1.25	1.43	
August				1.29	1.84	2.06	1.62	5.01	3.24	1.09	
September . . .				1.39	1.90	.83	4.05	2.04	.65	3.80	
October				2.03	2.73	2.72	2.43	1.43	2.56	2.38	
November				1.37	2.48	3.68	1.36	1.45	2.90	1.80	
December				2.48	2.17	2.11	2.89	3.22	1.78	2.00	
TOTALS				16.74	23.93	23.08	22.91	27.11	21.58	24.31	19.66

Shustoke Church 1 mile 147 yards E
 Cottage 30 ft high 54 ft W.

RAINFALL AT

Whitacre Birmingham W.V.

2484

Lat.

Lon.

County of Warwick

Rain Gauge, by

Observer

E. Anty Lee Esq.
H. Wall

Trans. R - 4.

Diameter ..	5											
Height	1.3											
Altitude ..	269 ft											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.64	1.09	1.03	2.00	2.97	1.01	3.57	1.03	.73	1.29	1.836	
February ..	4.93	1.91	1.41	1.13	4.33	.60	1.95	.80	1.05	.70	1.881	
March ....	.62	1.73	1.66	4.30	1.79	2.79	1.45	1.11	3.12	3.51	2.208	
April	1.19	2.01	2.84	1.74	1.39	1.69	.63	2.11	3.71	1.36	1.867	
May	1.70	1.06	2.37	2.26	1.99	.39	2.29	3.89	2.53	1.56	2.004	
June	4.60	2.49	2.54	1.65	.49	2.97	3.47	3.13	1.37	3.62	2.633	
July	2.86	2.54	1.70	2.32	2.15	1.72	.95	3.05	2.81	3.03	2.313	
August	3.31	2.52	5.18	3.82	2.23	4.16	1.32	2.40	2.76	2.48	3.018	
September ..	.62	1.14	1.34	3.27	2.03	1.49	1.03	.73	2.22	2.45	1.632	
October	3.07	1.52	2.16	7.10	.77	1.43	4.08	5.55	1.20	3.31	3.019	
November ..	1.99	1.25	1.86	1.98	1.57	2.50	2.53	2.07	1.72	.83	1.830	
December ..	4.49	5.12	1.69	1.78	1.87	.86	2.08	3.04	2.15	4.07	2.715	
TOTALS ..	33.02	24.38	25.78	33.35	23.58	21.61	25.35	28.91	25.37	28.21	26.956	

D D S D D S

Hub

1900 Shustoke Church 1 Mile 147 yards E
 Cottage 30 ft high 54 ft. W
 1905 Whitacre Station 1200 yards S E

RAINFALL at *Whitacre Birmingham W.S.*County of *Warwickshire*Observer *E. Antony Lewis*River Basin *Great Ouse & Trent Tributaries 4*

Rain Gauge, by

Diameter ...	5											
Height	1 5											
Altitude ...	269 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.44	.97	3.71	4.07	.87	2.24	1.07	1.89	2.02	3.08		<i>Totals</i> 16.19
February ...	2.53	1.68	1.29	.83	1.54	3.15	3.11	1.10	.90	2.41		8.06
March .....	.68	1.44	2.75	3.93	2.00	.74	3.43	1.42	.96	3.68		7.52
April	2.55	.84	.29	3.86	1.05	.95	1.04	1.30	2.34	1.54		9.54
May	1.84	1.03	2.76	2.07	1.57	2.48	2.35	2.05	1.43	1.30		6.22
June .....	.98	1.27	4.32	1.22	2.26	1.06	1.58	3.14	.68	1.21		7.13
July	3.00	.17	3.69	1.11	3.33	6.04	2.83	1.52	1.88	3.00		6.61
August	3.74	1.77	6.23	.74	1.40	2.53	2.44	5.13	1.14	2.13		9.23
September ..	.92	1.50	.83	1.73	1.12	.82	.77	1.82	4.35	1.66		10.84
October ...	2.74	1.85	2.24	3.03	1.45	1.74	2.83	2.74	1.13	2.57		8.60
November ..	4.13	2.14	1.83	2.21	3.01	2.39	2.63	.84	1.48	1.47		9.27
December ...	5.17	4.70	3.43	.90	5.86	4.38	2.60	1.36	2.35	3.39		6.42
TOTALS ...	30.67	19.36	33.37	25.70	25.46	28.55	26.73	24.31	20.66	27.44	26.25	79.14
	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>	<i>D</i>		<i>W</i>

1912 Cottage 30 ft high 18 yds W

1911-12 Daily values in bound volume shelf CH. R. 14.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.51	1.41	Whitacre	1200 yds	NW SE SE	Shustoke	1.147 yds	SE

RAINFALL at Whitacre (Birmingham Water Works).County of Norwich.Observer F. W. Wallacumbury, Esq., R.E.
J. W. Wilkinson, C.E.River Basin 4 - T. & R.

Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	269											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean.	
January ...	2.46	2.12	2.96	1.50	2.36	1.81	2.57	2.62	4.38	1.21	3.36	Total 5. 27.35
February ...	.97	1.5	2.03	4.96	.48	2.69	2.07	2.17	1.67	.39	.68	18.26
March	2.04	1.09	1.80	1.41	.74	.70	.50	1.83	1.66	.14	2.24	14.15
April	3.97	1.25	2.47	1.94	2.85	2.54	1.81	1.33	1.56	.61	1.96	22.29
May	2.46	1.58	1.36	1.24	4.16	3.64	3.71	1.35	.54	1.79	1.96	23.77
June	2.47	.58	.70	.47	1.50	.09	1.60	3.88	2.71	1.32	2.21	17.53
July	3.99	.26	5.19	4.61	2.82	2.16	1.82	3.13	1.17	1.15	4.14	30.44
August	1.15	4.27	4.90	2.07	2.77	1.82	2.67	3.33	1.88	2.17	2.76	29.77
September...	2.21	.74	2.24	2.96	3.11	3.13	.87	3.91	.72	.81	3.32	24.02
October	2.13	1.75	.36	3.09	3.50	3.33	2.25	1.66	4.23	3.27	2.08	27.70
November...	.64	1.63	.87	1.60	1.91	1.82	4.70	3.23	3.54	6.42	2.94	29.30
December...	2.77	1.64	3.44	3.15	2.79	2.20	.39	2.15	1.70	4.64	2.53	27.40
TOTALS...	27.31	17.06	28.32	29.00	28.99	25.93	24.96	30.59	25.76	23.92	30.18	292.02
	0	D	D	D	D	D	D	D	D	D	D	26.5

1920. Sept. 30 to Oct. 1. 1920. 10. 10. 10. 10.

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	52° 31'	1° 59'	Whitacre	1200	NW	Stratford	1.147	E.

RAINFALL at Whitacre (Birmingham W.V.)County of WarwickshireObserver J. W. Wilkinson, Esq. C.E.River Basin Trent Right Bank TribsA. A. Barnes, Esq. C.E. 1940.

Type of Gauge

Annual Average 26.2 in. based on 23 years obs. un-weighted. Period of average 1881-1905 Ref. S

660552/26.

Diameter	5												
Height	1	0											
Altitude	269												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	1.13	1.69	1.78	2.42	.69	2.78	3.46	2.16	4.77	2.54		Totals 23.92	
February	2.30	.18	3.31	.32	2.27	2.68	3.31	.57	1.34	2.35		18.63	
March	.12	1.34	2.57	1.94	.48	1.64	2.79	.24	1.51	1.57		14.20	
April	3.33	2.62	0.88	1.99	3.16	1.89	2.52	.06	1.50	2.59		20.54	
May	3.05	7.02	2.04	.71	.94	.52	2.52	1.45	1.54	1.68		21.47	
June	3.04	1.20	2.30	.69	2.52	5.64	.88	1.70	1.87	.64		20.38	
July	2.93	2.99	1.65	1.10	.33	5.45	2.41	2.56	4.07	2.39		25.88	
August	4.36	1.21	0.98	2.13	1.23	.48	0.84	2.72	2.48	.07		16.50	
September	2.83	2.70	0.92	1.81	3.44	2.54	2.61	2.34	.71	.73		20.63	
October	.65	3.42	3.10	1.55	2.70	1.49	2.26	2.17	3.57	3.65		24.36	
November	2.61	1.67	1.08	1.90	4.55	2.06	1.45	2.56	3.61	6.00		27.49	
December	.76	.74	0.31	3.76	3.34	1.84	2.44	3.37	1.39	1.64		17.59	
TOTALS	27.11	26.78	20.92	20.32	25.65	29.01	27.49	22.40	28.36	25.75		253.79	422

1931. bottle 30' high 18 yds. W.

1940 Oct. amended.

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.			Whitacre	1200 yds.	S.E.	Shrobsike	1 m	E.

Station No. *T.F. 2484*RAINFALL at *Whitacre (Birmingham S.W.)*

41

County of *Warwickshire* Observer *A. A. Barnes Esq. C.E.*River Basin *Trent - Right Bank. 4* *C. A. Richardson Esq. C.E.*

Type of Gauge

Annual Average *26.0* in. based on *23* years obs. *un*-weighted. Period of average *1881-1915* Ref *S*File No. *660552/26*

Diameter	5"				0.97	26.0						
Height	1' 0"					1						
Altitude	269'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	3.01	2.91	3.82	2.44	1.68	1.77	1.68	4.06	1.23	.44		Totals 23.04
February	2.37	1.01	1.21	1.34	1.94	2.55	1.24	1.02	.70	4.81		17.89
March	2.44	1.55	.90	.16	.66	.73	6.01	1.09	1.53	.94		16.01
April	1.46	1.35	.72	2.17	.61	2.24	2.13	1.23	2.10	1.73		15.74
May	3.37	3.43	3.23	.64	3.21	2.74	2.24	2.45	3.14	1.28		25.73
June	.69	.21	1.78	1.43	3.13	2.72	1.34	2.04	.40	2.46		16.20
July	5.16	1.61	.68	2.46	2.30	1.54	2.42	1.23	1.98	1.94		21.22
August	3.37	2.11	1.68	2.49	.95	5.90	.26	4.06	1.39	3.34		25.55
September	.52	.99	1.66	2.57	1.28	3.56	1.16	2.52	1.28	3.91		19.45
October	2.28	2.55	1.90	2.57	3.21	.62	.36	2.47	5.19	.64		21.79
November	2.87	1.52	1.28	3.62	.24	5.53	1.54	1.46	3.17	3.98		25.18
December	1.41	2.49	.89	1.54	2.66	2.53	1.80	3.93	1.24	1.31		19.80
TOTALS	28.95	21.73	19.75	23.43	21.87	32.43	22.18	27.56	23.25	26.48		247.60

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.

BRITISH RAINFALL ORGANIZATION

Station No. 2484

T.F. 19

RAINFALL at WHITACRE (BIRMINGHAM WATERWORKS)

51

County of NARWICKSHIREObserver C. D. RIBBIDGE, Esq., C.E.River Basin TRENT - R. BANK - 4

Type of Gauge

Annual Average 26.0 in. based on 23 years obs. un-weighted. Period of average 1891-1915 Ref. S" " 26.48 " " 7 " " 1951-57 " " 1916-1950 -5File No. 660 227/26 3.17.0/45

Diameter ...	5"			097	260						
Height ...	1' 0"				1						
Altitude ...	269'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	2.34	2.26	.93	.93	1.91	3.52	1.08	2.24	2.77	5.02	23.00
February ...	2.42	.50	1.25	2.44	1.89	.47	2.58	3.54	.12	1.90	17.28
March ...	4.07	2.06	1.48	2.25	3.25	.88	2.09	1.78	1.77	1.48	21.11
April ...	2.20	3.07	2.25	.75	1.23	.88	.38	.79	3.32	0.97	15.84
May ...	3.20	2.55	1.70	2.05	4.33	.65	1.44	1.79	.56	0.95	19.12
June ...	1.56	1.84	2.29	3.22	2.74	1.88	.91	4.47	.51	3.23	22.65
July ...	.81	.59	2.70	3.59	.63	2.82	2.57	5.56	1.19	3.18	23.64
August ...	4.24	4.14	2.42	4.04	.66	4.85	3.69	3.22	2.44	3.22	32.92
September ...	4.24	1.45	2.16	1.53	1.57	2.20	3.80	3.18	.12	4.83	23.08
October ...	.89	3.71	2.84	3.28	1.39	1.28	1.18	2.69	2.30	4.90	24.46
November ...	5.64	2.25	1.22	5.13	2.12	.70	1.76	2.01	3.55	3.08	27.46
December ...	2.25	2.42	1.12	2.07	1.94	3.31	2.31	2.72	3.99	3.24	25.47
TOTALS ...	32.16 D	26.84 D	22.36 D	31.25 D	23.66 D	23.34 D	23.79 D	33.99 D	22.64 D	36.00 D	276.03

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference SP 427227.909

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 - Rejected

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