

RAINFALL AT *St Albans Hill End Asylum*

Lat.

Lon.

County of *Hertfordshire*

Rain Gauge, by *H43*

Observer *E. Goodchild Esq*

2-Thames - Colne - Beane 0.25

Diameter ..				5							
Height				1.0							
Altitude ..				290 T				295 T			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				2.53	2.96	1.24	3.75	1.00	1.58	.74	
February ..				.92	3.14	.78	2.26	1.40	1.32	.38	
March				2.98	1.31	3.08	1.36	.93	3.12	3.00	
April.				1.40	.88	2.00	.53	2.80	2.68	1.71	
May				2.11	1.79	.82	.97	1.98	2.09	1.28	
June				5.58	.82	3.75	3.11	2.32	1.25	3.43	
July				3.39	1.94	1.02	.54	1.50	2.46	2.52	
August				3.67	2.09	2.74	1.25	1.82	2.92	2.21	
September ..				2.52	1.35	1.58	1.00	.74	1.44	2.19	
October				6.31	1.22	1.31	4.63	4.73	1.92	4.69	
November ..				1.85	1.47	2.92	3.97	2.35	1.01	.84	
December ..				2.09	2.09	.95	2.32	2.95	2.17	3.12	
TOTALS ..				35.35	21.06	22.19	25.69	24.55	23.96	26.11	

1903 St Peters ch St Albans 1 1/2 miles N.W.
 Asylum ch 35 ft high 60 ft N
 Hill End JNR 1/4 mile NE

RAINFALL at St Albans Hill End AngluraCounty of HertfordshireObserver G. Goodchild EsqRiver Basin Thames Colne 2Rain Gauge, by N 3

Diameter ...	5											
Height	10											
Altitude ...	2957											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	TOTALS
January ...	2.06	1.30	3.49	3.08	.71	3.88	1.72	1.43	2.74	3.05		16.19
February ...	3.23	1.64	1.96	.81	3.03	4.15	3.54	.86	1.07	3.70		8.94
March	1.10	1.96	3.08	2.37	4.13	1.26	4.23	1.44	.62	3.79		10.08
April	1.59	1.43	.06	3.12	.84	.94	1.24	2.00	4.17	3.37		10.78
May	2.09	2.66	1.05	2.11	1.51	2.26	1.69	1.77	2.18	.49		6.13
June	3.24	1.98	2.40	.64	1.45	1.52	2.41	1.51	.69	1.32		5.93
July	2.12	.38	3.95	1.68	1.57	4.71	1.35	3.77	3.11	1.64		9.87
August	2.19	.79	5.52	1.04	1.93	2.96	3.67	4.64	1.02	2.12		11.45
September ..	.47	1.42	2.39	.96	1.11	1.82	1.26	1.74	5.13	2.04		10.17
October ...	2.48	2.65	2.74	3.35	1.99	2.29	3.40	4.50	1.54	1.44		10.88
November ...	3.75	3.36	2.27	2.73	2.41	1.98	4.23	1.43	2.24	1.43		9.33
December ...	4.47	5.38	2.61	.79	8.21	5.18	2.83	.73	2.82	4.78		11.16
TOTALS ...	28.89	24.95	31.72	22.68	28.89	32.95	31.57	25.82	27.33	29.17		113.29
	3	2	2	2	2	2	2	2	2	2		24

1910 Anglura Ch 35 ft high 60 ft. H

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.44	18 W	Hilling Station GR	1/6 mile	NE	St Peter & St Paul	1 1/2 miles	N.W.

RAINFALL at St Albans ^{County} Hill End Mental HospitalCounty of HertfordshireObserver G. Goodchild EsqRiver Basin Thames-Colne 2

(Blank & Steward)

Rain Gauge, by 29 ft
(100 ft)

Diameter ...	5"	5"										
Height	1 0	1 0										
Altitude ...	295	295										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930.	Totals.
January ...	2.61	2.23	3.08	1.43	2.16	2.33	3.21	1.85	3.83	1.47	2.57	26.77
February ...	.31	.63	2.20	3.44	.66	3.50	2.50	3.49	1.91	.65	.97	17.76
March	1.56	.95	1.80	2.57	.87	.86	.16	2.08	2.56	.05	1.24	14.70
April	4.21	1.19	3.10	1.41	3.42	1.17	2.86	1.50	.84	1.17	2.16	23.03
May .....	.94	1.06	1.25	1.28	4.30	1.91	1.31	.97	1.87	2.02	2.17	18.58
June	2.05	.11	1.03	.43	2.66	.07	3.38	2.88	1.77	1.02	.61	16.01
July	4.51	.13	3.51	3.46	3.95	4.02	2.85	2.39	2.09	1.83	2.57	31.31
August	1.24	1.10	2.23	2.19	1.56	2.97	.87	3.66	1.79	.56	2.87	21.04
September...	2.17	1.79	2.24	1.95	3.14	2.26	1.79	5.62	.95	.24	3.96	27.11
October	1.36	.75	1.12	4.62	3.51	2.69	2.32	2.26	3.77	3.37	1.18	26.98
November...	1.60	1.80	1.34	1.50	2.69	1.77	5.10	2.67	2.46	6.17	4.10	31.20
December...	2.04	1.44	2.69	2.58	3.60	2.00	.29	3.03	2.33	5.28	2.65	27.93
TOTALS...	24.60	12.68	25.59	26.86	32.52	26.55	26.44	32.40	25.67	23.83	27.05	284.37
	D	inf. 2	D	D	D	D	D	D	D	D	D	D

1920. Hospital Chapel 35 ft high 60 ft N of B.

1921 tall on 11 ft high 60 ft N of B.

1930. G. read 9 am. W.

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	51° 45'	18	Hill End G. N. R.	1/6 mi	N.E.	St. Peter's, St. Paul's	1 1/2 mi	N.W.

RAINFALL at St. Albans (Co. Mental Hospital)County of HertfordshireObserver G. Goodchild, Esq.River Basin Thames-Gelne & Brent-2The Controller.

Type of Gauge.....

Annual Average 25 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. S.
19012027

Diameter	5.											
Height	1.0.											
Altitude	295.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.61	1.76	2.14	1.84	1.13	4.67	4.51	3.24	0.36	2.14	29.40	
February	1.82	1.13	1.61	.35	2.49	2.00	4.69	.39	.81	2.33	16.62	
March	.12	1.79	3.03	1.96	.46	1.17	3.62	.31	1.55	3.33	17.34	
April	3.08	2.09	.95	1.77	3.84	1.02	2.92	.08	3.49	1.35	20.59	
May	2.78	3.63	1.65	.55	1.76	.33	3.01	2.43	1.82	1.55	19.51	
June	1.53	.98	1.40	1.67	3.64	7.12	1.15	.33	1.39	.42	19.63	
July	3.00	1.85	1.23	1.10	.53	5.28	1.02	.91	2.30	2.53	19.75	
August	4.59	2.07	.45	1.75	1.81	.28	2.10	1.95	2.72	.01	17.73	
September	2.13	1.77	2.10	2.44	4.65	4.43	2.80	1.59	1.15	1.27	24.33	
October	.58	4.83	1.10	1.19	2.87	2.61	2.32	3.27	5.80	3.16	27.73	
November	2.77	1.70	1.18	2.35	5.40	3.77	1.35	3.01	6.45	7.64	35.62	
December	.97	.40	.43	5.28	2.68	2.71	4.66	3.81	1.89	1.24	24.07	
TOTALS	24.98	23.00	17.27	22.25	31.26	35.39	34.15	21.32	35.73	26.97	272.82	27.2

1931. Hospital Chapel 35 ft. high gauge. N. of gauge.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....
1 mile to 1 inch Series

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931			Hill End. N.E. R.	1/6 mi.	N.E.	St. Pauls	1 mi.	N.W.

Station No. 923

RAINFALL at St. Albans (Hill End ~~for the~~ Hospital)

41

County of HertfordshireObserver The Rev. Mr. J. H. H. H. H.River Basin Thames, Colne & BrentType of Gauge Standard B.A. 1947Annual Average 2.5 in. based on 30 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 180120/27

Diameter	5"			276	662							
Height	1' 0"				1							
Altitude	295'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.29	2.55	(4.40)	1.64	2.19	2.13	1.89	4.20	1.15	.55		Totals 22.97
February	1.94	1.16	(1.09)	1.00	1.67	2.09	1.02	.98	1.04	3.47		15.65
March	2.71	1.09	.47	.12	.62	1.08	5.43	.80	1.13	.55		14.00
April	1.54	1.27	.98	1.96	1.43	1.33	2.00	.74	1.61	1.54		14.40
May	1.31	2.76	2.36	.84	3.13	2.66	.94	3.21	1.24	1.59		20.07
June	1.31	.36	1.59	1.37	1.84	2.02	2.56	2.51	.79	2.32		16.67
July	4.19	2.07	1.34	2.18	2.62	1.93	2.45	.93	1.06	4.84		23.66
August	4.34	1.78	1.73	4.25	.88	3.36	.00	1.86	1.81	3.17		23.18
September	.48	.98	1.65	2.44	2.06	3.34	1.09	1.25	.41	3.33		17.03
October	.77	3.51	3.16	3.28	3.03	1.63	.00	2.16	5.43	.33		23.30
November	2.78	1.81	1.44	3.62	.29	5.58	.93	1.32	2.31	4.95		25.06
December	2.31	2.70	1.30	1.31	2.84	1.82	2.27	2.03	1.56	1.29		19.43
TOTALS	25.97	22.03	(21.51)	24.01	22.60	28.97	20.61	21.99	19.54	28.16		235.37

1941 Hospital Chapel about 35' high 60' N of gauge

1943 Jan. & Feb. cal'd.

60004

1941. Change of 5/8 in. rot of site.

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			Hill End LNER	abt 6 mil	NE	St. Pauls	1 mil	NW.

BRITISH RAINFALL ORGANIZATION

Station No. 923**RAINFALL** at ST ALBANS (HILL END HOSPITAL)

51

County of HERTFORDSHIREAuth. Med. Herts. Hosp. CommitteeObserver Mr. ConlonRiver Basin THAMES, GULF & BRENT - 2

Mr. Hawkins.

Type of Gauge B.A.Annual Average 28.1 in. based on 30 years obs. ~~un~~-weighted. Period of average 1881-1918 Ref. 5File No. 780120/27

Diameter ...	5'			276	662						
Height ...	1' 0"				1						
Altitude ...	295'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Total/10
January ...	3.78	1.81	.99	.84	2.14	4.30	1.11	2.68	2.60	2.31	22.51
February ...	4.75	.66	2.15	1.83	1.44	.44	3.19	2.63	.14	2.16	19.39
March ...	3.66	2.27	.44	2.25	2.00	.94	1.53	1.56	2.21	1.98	18.84
April ...	2.95	1.85	2.58	2.6	.52	1.18	.24	1.43	2.34	.40	13.75
May ...	2.25	1.24	1.48	2.28	4.77	.59	1.28	2.35	1.06	1.50	18.80
June ...	1.46	1.23	2.07	3.32	1.71	2.84	1.39	4.49	.89	1.59	20.99
July ...	.63	.57	3.04	2.81	.16	3.05	2.69	1.55	3.55	3.07	21.12
August ...	3.82	6.07	1.82	3.07	.34	7.14	2.63	3.67	1.89	2.73	33.18
September ...	2.81	3.02	1.77	1.32	1.81	2.17	3.16	3.31	.06	3.78	23.21
October ...	1.22	2.88	2.81	2.11	3.25	1.85	1.58	2.36	2.09	5.78	25.93
November ...	5.44	3.63	1.40	4.17	2.31	.60	1.71	2.32	2.04	4.27	28.21
December ...	1.99	2.69	.50	1.76	1.84	3.71	2.26	3.34	4.39	3.39	25.87
TOTALS ...	34.71	27.92	21.05	26.34	22.29	28.81	22.77	31.64	23.26	32.96	271.80
	d	D	d	d	d	np big	np	D	D	D	

1951. Hospital Chapel 35' 60" W. From 17/56 READINGS TAKEN FROM NEW GAUGE IN HOSPITAL GARDEN. 1957. 197. GREEN-HOUSE RATED 3' FROM GAUGE OCT/57. NEW SITE PROPOSED.
 16.2.58. Letter from Secretary advising that g. was moved as proposed in Dec. 57. - Now 100 ft. SSE of old house.
 58 - Greenhouse, 20 ft. high, 100 ft. NNW. of gauge.
 1957. np. O/shutted.

Position of Station on Ordnance One-Inch map :

No. of Map. 160National Grid Reference TL176068

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Hill End	$\frac{1}{2}$ W NE	St Pauls, St Albans	1 mi 100

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
	✓	✓	✓	✓	
	✓	✓ b and 21, 24-26	✓ b and 40	✓ b and 44, 50	