

RAINFALL AT Horsham Christ's Hospital

Lat.

Lat.

County of West Sussex.

Rain Gauge, by

Observer Royal Meteorological Society

S H Jammes Esq

Inv 2

Diameter ..					5						
Height ..					1 0						
Altitude ..					161						
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					4.77	1.40	5.10	1.11	1.73	1.07	
February ..					3.32	.65	2.55	1.18	.89	.38	
March ..					1.08	3.70	1.22	.80	2.34	3.44	
April ..					1.35	1.57	.66	3.91	2.49	1.85	
May ..					3.83	.48	1.59	2.18	2.23	1.43	
June ..					.78	4.51	1.76	1.62	2.35	2.79	
July ..					.80	.47	.37	.96	2.23	2.22	
August ..					1.70	3.23	.98	1.85	4.22	3.13	
September ..					1.84	1.76	1.30	.52	1.04	3.25	
October ..					1.88	1.36	4.40	5.44	2.20	6.42	
November ..					1.31	5.09	5.13	2.40	.95	1.00	
December ..					3.22	.68	2.11	2.92	3.59	4.32	
TOTALS ..					25.88	24.90	27.10	24.84	26.26	30.75	

RAINFALL at Horsham General Hospital

County of Sussex

Observer Roy Meteorological Society

River Basin Arun 2

a. & Johnson Esq 5th January Eng

Flashin Rain Gauge, by Hicks
1919 Meteorological Bureau No. 7.

Diameter ...	5				8					
Height	10								13	
Altitude ...	161				170					184
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	3.28	1.27	2.50	5.09	.69	4.48	1.52	1.28	3.41	4.93
February ...	3.90	1.68	2.29	1.28	5.07	4.95	5.52	1.00	1.20	2.58
March	1.29	1.63	4.50	3.23	4.62	.65	3.47	1.96	1.05	3.73
April	2.35	1.01	.09	3.50	1.70	1.37	1.30	2.36	3.55	2.33
May	1.79	.92	1.08	2.57	1.88	3.20	2.07	1.44	1.83	.19
June.....	3.12	2.08	2.62	.46	37	1.28	2.76	1.80	1.46	.86
July	2.44	.25	.83	3.35	1.42	4.14	1.02	3.64	4.95	2.01
August.....	2.26	2.34	6.37	1.46	1.53	1.54	2.68	6.91	1.68	3.10
September ..	.23	1.29	3.34	3.03	1.21	1.71	2.20	1.49	5.43	1.39
October ...	2.80	5.34	3.39	4.26	1.53	3.22	5.60	4.07	1.63	.48
November ..	3.55	5.86	2.15	3.48	4.37	3.20	5.70	1.56	2.53	1.89
December ...	4.14	8.27	3.54	1.55	8.80	7.66	3.50	2.07	2.34	5.48
TOTALS ...	31.15	31.44	32.70	33.25	32.69	37.40	37.24	28.47	31.06	28.97

1911 House 30 ft high 100 yds N 6° E

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	51° 3'	0° 22' W	Christ Hospital	900 yds	N	Hinchliffe	2000 yds	W

RAINFALL at Horsham Christ's Hospital

County of Sussex Observer Major G Green M.C.

River Basin Area 2

M. O Rain Gauge, by 2 2 3

Diameter ...	9								8		
Height	1	3							1-4		
Altitude ...	184	160							1618		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Averages.
January ...	3.63	3.03	4.18	1.63	2.45	3.92	3.94	2.50	4.52	1.37	4.04
February ...	1.55	1.69	2.71	3.51	5.7	4.35	2.75	4.90	1.30	.73	1.17
March	1.83	1.29	2.56	3.15	1.79	1.62	1.48	2.99	2.39	.01	1.67
April.....	3.12	1.91	3.81	2.67	3.29	2.79	3.32	2.50	2.28	.30	2.03
May	1.82	1.79	.71	3.03	4.25	3.27	1.54	1.66	1.80	2.29	2.16
June	1.88	1.03	1.15	1.36	3.75	1.02	3.63	4.39	2.37	1.62	.57
July	5.55	2.20	4.26	1.73	4.30	4.79	1.97	4.29	0.91	2.08	1.90
August	1.56	2.01	2.57	1.92	3.21	2.84	2.28	4.82	2.32	2.08	3.54
September...	3.69	1.64	1.63	1.59	4.03	2.81	1.62	5.45	1.07	.50	3.10
October.....	2.48	1.51	1.17	1.60	4.22	3.44	2.54	2.35	6.64	4.68	2.08
November...	1.79	2.03	2.11	1.69	3.23	3.46	6.51	3.19	3.00	7.96	6.06
December...	3.06	1.88	4.11	2.89	4.89	3.50	1.41	4.80	3.49	7.86	3.04
TOTALS...	29.96	16.01	30.97	32.77	39.98	35.81	29.99	42.84	32.09	31.48	31.36

1920 House 40 ft high 40° N x E

Row of houses 60° - 70° N

Avenue lines 25° - 120° S

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 from gauge	Parish Church.	Distance from gauge	Direction
1920	51° 3' 20" 21' 25"	Christ's Hospital	3/5 mi	N		Ickingfield	1/5 mi	WNW

RAINFALL at Horsham (Christ's Hospital)

County of Sussex

Observer Major Gabriel Green, M.C.

River Basin Arun 2

C.A. HUMPHREY Esq. (1941)

Type of Gauge 6 in. O.

Annual Average 28.4 in. based on 34 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

85820/31

Diameter	8				5						Total Mean
Height	1	3	1	6	2	6	1	0			
Altitude	100										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	1.81	2.63	1.98	2.24	.74	3.29	5.05	3.02	4.17	2.63	29.56
February	2.33	5.2	2.25	.07	3.35	1.58	4.07	.67	1.49	3.09	19.42
March	.48	1.32	(2.92)	2.33	.48	1.55	3.78	.42	.93	2.91	17.12
April	3.59	2.49	.57	2.20	3.06	1.56	2.62	.25	2.47	1.42	20.23
May	2.70	3.37	1.62	.40	1.08	.31	2.71	1.64	1.46	1.31	16.60
June	1.64	1.23	1.62	.61	3.29	2.69	1.38	.53	1.05	.19	14.23
July	2.85	3.53	2.00	2.15	1.04	4.56	.89	1.61	2.70	2.49	23.82
August	(4.65)	.54	.70	1.88	3.52	1.09	1.15	1.90	2.27	.06	17.76
September	(1.75)	1.74	2.97	1.68	3.59	2.59	1.50	3.28	1.53	2.12	22.75
October	(1.50)	6.59	1.42	2.07	5.20	1.42	3.10	3.30	5.94	3.82	33.36
November	3.97	1.07	.84	3.09	6.52	4.56	2.03	3.68	4.94	6.61	37.31
December	.56	.61	.59	6.63	3.74	2.81	3.55	3.43	1.54	2.11	25.57
TOTALS	19.48		(26.83) 25.64 20.78		25.35	35.61	30.01	31.83	23.73	30.49	28.76 277.73
			4.7		*mp. 5.	2	9	7	0	0	D

1931. Aug - act. estimated. g. maxed 26 m. 8. 18. Aug.

House 40' high, 40' N.E.
Row of houses 60' high, 70' N.
Linc Avenue 25' ... 120' S.

1930 March adjusted by near stations.

1934 N.P. Cor.

1935 New 5" gauge brought from 17.0. 1/6/35

11.7.26 (site 304) in file says new 8' height since mid Aug of 1936. Since 1st Aug 1936.

1937 No object or building near enough to affect gauge.

5" gauge possibly over exposed.

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
1931,			Christ's Hosp.	3/4 m.	N.	Stockingfield	1 1/2 m.	W.N.W.
1937			-	1 m	N	"	2 m	N.W.

Station No. 111

RAINFALL at Hornbeam (Blenheim's Hospital)

41

County of Gloucester

Observer G. A. Hornbeam Esq.

River Basin Avon N.W.

S. W. Tidmarsh Esq. (1942)

Type of Gauge M.O.

Senior Geography Master (1945)

Annual Average 22.1 in. based on 34 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. 85820/31

Diameter	5"										
Height	1' 0"										
Altitude	160'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.73	3.22	(6.80)		2.22						
February	3.00	.63	(1.70)		.30						
March	3.16	2.13	.41		1.63						
April	1.38	1.69	1.19		.84						
May	(1.70)	3.12	2.70		1.85						
June	1.97	.13	1.39		1.97						
July	(2.52)	1.65	1.15		3.71						
August	(4.00)	3.29	1.17		1.81						
September	(.28)	1.84	1.25		2.36						
October	(.74)	..	3.61		3.35						
November	3.65	..	1.21		.20						
December	2.35	..	1.85		3.03						
TOTALS	(27.48)	n.p. inc.	(24.43)	N.R.	23.07	N.R.	N.R.	#			

1941 n.p. too much estimation May, July part cold Aug. & Sept cold.

Stone block for sun recorder 3 ft high 5° NE Stand containing thermometers etc. 5' high 10° NNE

1942 n.p. incomplete Granite block 4 ft high 7° N.E. Hedge 10' high 10° ENE
Tans Feb part cold

1945 Laurel hedge 12' 25° N.E.

1946 No active rec'd

47. Record assumed terminated

Gauge possibly overexposed.

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
1941 1943			Christ's Hospital Christ's Hospital	3/4 mile 3/4 m.	N. NNW	Inchingfield	1/4 mile 1/2 m.	ENE W