

RAINFALL AT Horsham Wimbleshurst

Lat. .... Lon. .... County of Sussex <sup>2</sup>  
 Rain Gauge, by ..... Observer Mrs. Edith Allcock

Diameter ....												
Height .....											3.8	
Altitude ....											220	
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....				(2086)						#1.83		
February ....				(1858)						2.64		
March .....				(1847)						2.45		
April .....				(1237)						1.86		
May .....				(1548)						2.61		
June .....				(1457)						.59		
July .....				(1841)						1.59		
August .....				(1559)						2.42		
September....				(2681)						1.17		
October .....				(2625)						6.84		
November....				(2868)						1.05		
December ....				(2505)						1.70		
TOTALS ....				(24130)						26.75		

From Leamchalee for purpose of survey

St Marys Horsham 1 1/8 miles SW

House 50 ft high 82 ft NE

Busco 12 " " 14 " SE

" " " 16 " NW

8 " " 12 " SW

Beck & Sons Self Registering Rain gauge

# RAINFALL AT *Horsham Wimblehurst*

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of *Sussex* West

Rain Gauge, by \_\_\_\_\_

Observer *Miss Edith Allcar*

*202*

Diameter ....	5										
Height .....	15			10							
Altitude ....	220						200				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.45	2.79	.73	2.04	4.30	2.69	.87	2.41	.77	2.69	
February ....	.88	.02	1.14	3.31	1.86	.23	.35	3.28	1.28	2.75	
March .....	(2.08)	2.57	1.14	.45	1.50	1.94	3.17	4.83	1.24	.65	
April .....	2.27	.63	1.16	.04	3.16	2.12	.52	1.87	.96	2.90	
May .....	1.54	2.54	1.53	.57	1.92	.31	.33	1.22	3.34	1.62	
June .....	2.98	1.82	3.24	.92	2.24	.29	3.15	1.45	1.33	1.58	
July .....	4.02	2.20	3.05	2.94	5.98	3.69	1.74	1.91	1.29	.96	
August .....	2.98	5.08	3.08	.75	2.48	3.23	2.74	3.00	1.46	.58	
September ...	1.51	1.22	2.25	1.99	2.49	.48	6.22	2.35	.80	2.92	
October .....	1.28	7.74	4.52	4.08	3.42	4.02	3.86	.67	4.17	2.03	
November ....	2.75	3.85	3.60	2.65	5.94	5.84	1.63	1.36	4.97	5.01	
December ....	.53	3.73	2.14	2.94	1.98	2.85	4.89	3.56	2.58	1.71	
TOTALS ....	26.27	34.19	27.58	22.68	37.27	27.69	29.47	27.91	24.19	25.40	28.265

1890 *S. Mary's Horsham* 1 <sup>1/2</sup> mile SW

*Rhododendrons* 16 ft high 18 ft NE

" 8 " " 23 " SE

Small Trees 4.6 " " 17 " N

1890 Jan-March unreliable, record of an electrical gauge *indicated*

1892 September 29 Gauge was sunk 5 inches down in the ground

# RAINFALL AT

*Norham Wimborne*

470

Lat.

Lon.

County of *West Sussex*

Rain Gauge, by

Observer

*Miss F. E. Allcard*  
*Miss E. M. Allcard*

Day 2

Diameter ..	5											
Height ....	10											
Altitude ..	200T					195T						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.67	1.24	.84	2.41	4.96	1.54	5.49	1.29	1.84	1.22	2.450	
February ..	6.03	1.93	1.65	1.53	3.72	.75	2.84	1.37	1.25	.50	2.157	
March ....	1.01	2.28	2.17	3.31	1.30	3.93	1.35	1.01	2.65	4.17	2.318	
April .....	.91	2.36	.98	2.49	1.75	1.67	.69	4.04	2.50	1.56	1.895	
May .....	1.28	1.16	2.37	2.68	3.44	.66	1.86	2.09	1.94	1.64	1.912	
June .....	3.23	1.92	3.07	3.36	.94	5.18	1.87	1.74	2.91	2.71	2.693	
July .....	1.63	2.33	1.32	3.83	.76	.51	1.11	.97	2.28	2.47	1.721	
August ....	2.04	1.96	4.53	3.87	1.78	3.48	1.19	2.06	4.10	2.55	2.756	
September ..	1.31	2.10	1.14	3.55	1.92	2.18	1.23	.66	.97	3.09	1.815	
October ....	1.93	3.79	2.38	7.56	2.07	1.47	4.98	5.21	2.02	6.26	3.767	
November ..	3.14	.67	3.35	1.91	1.35	5.55	5.53	2.63	1.14	.90	2.617	
December ..	3.59	5.28	1.41	2.32	3.39	.75	2.42	3.58	3.79	4.49	3.100	
TOTALS ..	29.77	27.02	25.21	38.82	27.38	27.67	30.56	26.63	27.39	31.56	29.201	

1900 St Mary's Norham 1 1/4 mile S.W.

Trees 10 to 35 ft high 12 to 34 ft S.E., E., W.

1903 Norham Station 1 1/2 mile S

1904 Deciduous 40 ft high 35 ft N.

Pine 21 ft " 22 ft E.

Rhododendrons 12 ft high 18 ft E.N.E.

+ Inspected



RAINFALL at Horsham WindlehurstCounty of SussexObserver Mr E. M. AllardRiver Basin Arun 2

Rain Gauge, by \_\_\_\_\_

Diameter ...	5													
Height .....	1.0													
Altitude ...	1957													
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL Means 1916-19	SOME		
January ...	3.13	1.48	2.77	5.16	.95	(4.60)	1.40	1.41	3.32	4.89	11.02	11.02		
February ...	4.56	1.65	2.57	1.35	4.79	5.40	4.99	1.04	1.30	2.50	9.83	9.83		
March .....	1.47	2.00	4.76	3.33	5.13	.82	3.96	2.21	1.11	3.94	11.22	11.22		
April .....	2.14	1.59	.08	3.26	1.48	1.57	1.54	2.56	4.55	2.45	11.10	11.10		
May .....	2.19	1.05	1.45	2.33	1.33	3.08	2.40	1.13	1.59	.30	5.42	5.42		
June .....	2.77	2.27	2.75	.45	.34	.83	2.29	1.92	1.85	.80	6.86	6.86		
July .....	2.67	.83	1.09	3.51	1.43	3.55	1.12	3.70	5.23	2.35	12.40	12.40		
August .....	2.61	1.31	7.29	1.42	1.28	1.99	3.11	5.72	1.40	2.89	13.12	13.12		
September ..	.36	1.33	3.61	2.87	1.23	1.92	2.11	1.72	5.60	1.38	10.81	10.81		
October ...	3.10	5.37	3.46	4.51	1.65	3.29	5.74	4.05	1.78	.56	12.13	12.13		
November ...	3.75	5.34	2.14	3.72	4.65	3.00	5.70	1.71	2.40	2.16	11.96	11.96		
December ...	4.43	8.40	3.67	1.79	8.99	7.61	3.68	2.41	2.52	5.24	13.86	13.86		
TOTALS ...	33.21	32.62	35.64	33.70	33.25	37.66	38.04	29.58	32.65	29.40	129.72	129.72		
	3	2	2	2	2	2	2	2	2	2	2	2		

1910 Horsham 4 ft high 35 ft N  
 Rhododendron 12" 18" ENE

+ Impacted

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/10	51.5° N	0.19° W	Horsham	1 1/2 m	S	S. M. M. Horsham	1 1/2 m	SW

RAINFALL at Horsham WimblehurstCounty of SussexObserver Miss E. M. AllcardRiver Basin Arun 2Snowdon Rain Gauge, by1920-20

Diameter ...	5											
Height .....	1	0										
Altitude ...	195											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 <del>1931</del>	Totals 1920-30
January ...	3.33	2.90	3.85	1.67	2.36	3.45	4.10	2.29	4.47	1.33	4.24	33.99
February ...	.67	.59	2.57	5.46	.63	4.87	2.79	5.42	1.79	.87	.97	26.63
March .....	1.81	1.64	2.34	2.90	1.79	.56	.31	3.73	2.04	.01	1.62	18.75
April.....	3.20	.86	3.88	2.61	3.33	2.68	3.41	2.08	2.24	.61	2.49	27.39
May .....	1.03	2.35	.81	3.29	4.17	3.21	1.59	1.00	1.41	2.13	2.72	23.71
June .....	2.57	.06	1.15	.46	3.58	.08	3.42	3.49	2.88	1.47	.51	19.67
July .....	5.27	.20	4.52	2.03	4.70	4.22	1.55	4.20	2.00	2.12	2.31	33.12
August .....	1.39	2.63	2.95	1.95	3.56	2.70	2.28	4.40	2.60	2.17	4.09	30.72
September...	4.26	.75	1.71	1.83	3.85	2.72	.59	5.56	1.19	.40	3.14	26.00
October.....	2.76	1.02	1.04	6.61	4.10	3.78	2.45	2.12	7.03	4.62	1.90	37.43
November...	1.72	2.09	2.03	1.77	3.06	3.58	6.65	3.62	2.85	7.71	5.54	40.62
December...	2.69	1.72	3.88	2.99	4.60	3.66	.43	4.19	3.67	8.20	3.08	39.11
TOTALS...	30.70	16.81	30.73	33.57	39.73	35.57	29.57	42.10	34.17	31.64	32.61	357.16
	2	2	2	2	2	2	2	2	2	2	2	446

1920 Devdara N

Rhododendron 18 ft high 8 ft ENE

218 ft. (see previous book)

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 from gauge
1920	51° 5'	0° 19'	Horsham	1 1/4 mi	S	St Mary's	1 1/2 mi	SW

RAINFALL at Horsham (Wimblehurst)

County of Sussex

Observer Miss F. M. Allard

River Basin Arun 2

Type of Gauge Snowdon

Annual Average 30.0 in. based on 27 years obs. ~~un~~-weighted. Period of average 1891-1915 Ref B of N

819568/28

Diameter	5											
Height	1	0										
Altitude	195											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Months
January	2.27	2.77	2.38	2.50	.92	5.08	6.23	3.10	5.18	3.00	33.43	
February	2.14	.64	2.63	.06	3.91	2.31	4.80	.91	1.72	3.52	22.64	
March	.38	1.45	3.28	3.09	.49	2.38	4.02	.60	1.24	3.63	20.56	
April	4.06	2.31	.66	2.68	3.38	2.20	3.02	.05	2.68	1.57	22.61	
May	2.70	3.62	1.74	.48	1.32	.42	2.77	2.17	1.74	1.21	18.17	
June	1.74	1.47	1.52	1.19	3.67	3.48	1.05	.68	1.14	.27	16.21	
July	3.56	3.73	1.66	1.97	.71	4.92	1.03	1.42	3.13	2.54	24.67	
August	4.84	.41	.89	2.38	3.66	.43	2.03	1.55	2.86	.24	19.29	
September	1.78	2.07	3.49	2.04	3.87	2.42	1.91	2.59	1.51	1.44	23.12	
October	.47	6.64	1.72	2.29	4.66	1.65	3.23	3.39	5.87	3.99	33.91	
November	4.39	1.34	.98	3.88	6.76	4.49	2.03	4.50	5.43	7.59	41.69	
December	.71	.68	.59	8.36	4.49	2.79	3.65	4.00	1.87	2.08	29.22	
TOTALS	29.04	27.13	21.54	30.92	37.84	32.84	35.77	24.96	34.37	31.08	305.52	ft

1931. *Desodora* N.  
*Rhododendron* N.E. } quite new.

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
1931.			Horsham	1 1/4 m.	S.	Horsham	1 1/2 m.	S.W.



Station No. L70.MRAINFALL at Howham (Lincolnshire)

41

County of SussexObserver Miss E. M. AllcardRiver Basin Chou 2

GARDENIA M. G. L. E. A.

Type of Gauge SnowdonAnnual Average 30.0 in. based on 27 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. B. of N.File No. 8195.62/29

Diameter	5"			316	223							
Height	1' 0"				1							
Altitude	195'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTALS	Means
January	2.69	3.10	7.20	2.01	1.76	2.45	3.39	5.53	1.05	1.21	30.39	
February	3.66	.78	2.02	.75	1.90	2.82	2.16	1.36	1.53	5.13	22.11	
March	3.14	2.48	.45	.11	1.51	1.15	6.63	.94	1.07	1.58	19.06	
April	1.84	1.71	1.43	1.99	.87	2.33	1.80	2.08	1.62	2.56	18.23	
May	1.97	3.21	3.50	.65	1.91	2.99	1.70	2.77	1.76	1.47	21.93	
June	2.88	.13	1.66	1.63	2.87	3.56	3.26	3.00	.87	1.67	21.53	
July	2.76	1.96	2.01	3.15	3.15	2.49	1.27	1.30	.53	3.43	22.05	
August	4.52	2.95	1.30	1.94	1.97	5.72	.79	4.00	1.32	2.71	27.22	
September	.24	1.82	1.39	2.48	2.73	4.18	1.38	2.09	1.74	2.59	20.64	
October	1.04	4.84	4.62	3.67	3.71	.98	.55	2.22	8.67	.55	30.85	
November	3.83	1.65	1.55	4.83	.29	5.84	1.48	1.77	3.75	6.78	31.77	
December	2.07	3.30	2.30	2.69	3.97	3.72	2.34	4.58	1.67	2.09	24.73	
TOTALS	30.64	27.93	29.43	25.90	26.64	38.23	26.75	31.64	25.58	31.77	294.51	

90 102 93 98 86 89 127 89 105 8 106

26 2 7 4

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. 470 M.RAINFALL at HORSHAM (WIMBLESBURST)

51

County of SUSSEXObserver M<sup>ISS</sup>. F. M. ALLCARD,  
GARDNER M<sup>R</sup>. G. L. A.River Basin ARUN - 2Type of Gauge SNOWDONAnnual Average 30 in. based on 27 years obs. un-weighted.Period of average 1881-1915 Ref. B. of N.31.05 " " 35 " " 1916-1950File No. 1916-1950 819568/28 P

Diameter ...	6"			316	223						
Height ...	1'0"				1						
Altitude ...	195'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.49	2.66									
February ...	6.87	.90									
March ...	3.52	3.19									
April ...	2.76	1.76									
May ...	2.56	2.51									
June ...	2.16	1.33									
July ...	1.78	1.35									
August ...	5.35	2.94									
September ...	3.31	3.44									
October ...	1.40	3.58									
November ...	6.06	4.08									
December ...	4.01	2.84									
TOTALS ...	43.27	30.58									
	D	P									

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TL579222

Date.	Lat. N.	Long.	Railway Station.	Distance	Direction	Parish Church.	Distance
				from gauge			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
	✓	✓	✓	✓	
	✓	✓	✓ bwt d 32	✓	