

RAINFALL at Crawley Chilbolton Down

County of Hampshire

Observer P. Hargreaves Esq.

River Basin Test & Solent 4

Rain Gauge, by

Diameter ...	8	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
Height	1 2											
Altitude ...	350											
Year												
January ...	3.68	3.01	4.85	2.00	3.23	3.32	5.81	2.42	5.69	1.54	4.65	
February ...	1.07	2.22	3.03	5.77	4.46	4.61	1.88	4.76	2.28	.96	.84	
March	2.62	1.47	2.63	1.78	1.38	.50	.70	4.30	3.49	.06	1.38	
April.....	3.66	.94	3.73	3.46	3.35	3.07	3.54	2.22	1.97	.86	2.44	
May	1.08	1.45	.81	1.56	3.87	3.88	1.65	.92	1.37	1.59	1.38	
June	2.09	.08	.82	.35	2.21	.00	2.34	2.26	2.78	1.56	.39	
July	5.56	.58	4.69	1.44	4.42	3.98	2.43	3.74	1.43	1.87	1.68	
August	1.67	11.30	2.87	3.07	2.47	2.33	1.05	3.72	2.03	1.05	3.72	
September...	.99	1.22	1.85	2.05	4.37	3.37	1.67	5.98	1.75	.29	3.49	
October.....	3.31	1.13	1.29	6.32	5.14	4.01	2.50	2.20	6.00	4.09	1.86	
November...	2.35	2.42	1.94	1.93	3.35	2.75	8.98	4.06	2.89	9.17	4.87	
December...	2.81	1.56	4.11	3.74	6.22	4.06	.42	4.22	3.12	8.27	3.65	
TOTALS...	30.89	15.38	32.62	33.46	40.47	35.88	32.97	40.79	34.80	30.81	30.35	
				2	2	2	2	2	2	2	2	

1920. House 60ft high 807ds W.

Yards 25" . . . 50" - SE

Buildings 30" . . . 35" - SW

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1920	51° 19'	1° 24'	Sutton Scotney 4 mi	N	Crawley	2 1/2 mi SE

RAINFALL at Crawley (Chilbolton Down).

County of Hampshire.

Observer R. Hargreaves, Esq. died 1932

River Basin Test. Solent 4.

W.M. G. Beale Esq.

Type of Gauge.

Annual Average in. based on years obs. un-weighted. Period of average.

Ref.

32744/34 827558/29

Diameter	8	Height	1 2	Altitude	350	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	2.24	3.14	2.77	3.00	60	5.49	6.31	3.29	5.41	2.82	3513						
February	2.10	1.16	5.21	.10	3.81	2.88	5.15	70	1.54	3.41	2512						
March	1.56	2.09	3.86	3.46	79	2.14	3.87	27	1.17	3.28	2148						
April	3.56	3.17	1.06	2.14	4.08	2.26	2.13	05	2.36	1.30	2211						
May	2.60	5.88	1.74	.94	1.04	70	3.35	1.62	1.03	.22	1912						
June	2.33	1.98	2.77	1.59	4.38	2.50	1.24	.68	2.08	.46	2001						
July	5.01	3.06	2.70	1.54	1.34	4.11	1.11	260	5.58	3.26	3031						
August	4.11	1.08	77	3.43	2.55	3.30	1.65	282	2.20	-	1891						
September	1.58	4.77	3.97	2.12	1.89	3.49	2.17	157	1.39	2.59	2854						
October	.62	4.99	2.24	1.68	5.53	1.80	4.14	3.65	5.15	4.09	3449						
November	3.81	2.12	1.71	1.93	7.66	3.11	1.75	4.88	5.98	8.95	4090						
December	.93	1.43	4.9	9.88	4.37	3.35	3.60	479	4.76	1.87	3247						
TOTALS		33.85	28.35	31.81	41.04	32.13	37.13	2692	35.65	32.25	32859						
		29.44			Observer died in 1932.												

Property bought in 1934 by G. Beale who will continue.
1932 late Sup recd. 13/7/34

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.			Button Scotney	4 m.	N.	Crawley	2 m.	S.E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 659

RAINFALL at Bawley (Chilbolton Down)

41

County of Hampshire

Observer by W. S. Beale Esq.

River Basin Test. S. Solent. 4.

Type of Gauge

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

" " 31.0 in computed by Karrnich (1926) File No. 3.374.461/34

Diameter	8"			329	218						
Height	1' 2"					1					
Altitude	350'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	3.21	3.90	6.39	2.74	1.92	2.97	2.58	6.70	1.03	.55	31.99
February	3.10	.36	1.56	.57	2.28	2.31	1.53	1.64	1.57	5.13	20.05
March	3.94	2.21	1.72	.29	.96	1.07	6.48	1.09	1.37	1.40	19.53
April	2.39	1.95	1.10	1.86	.95	3.19	2.66	1.68	2.04	3.11	20.93
May	1.83	4.35	3.35	.29	2.36	3.67	1.18	3.42	2.33	2.39	25.17
June	1.94	.23	1.08	2.50	3.21	3.63	1.90	2.28	.66	1.07	18.50
July	2.73	1.67	2.67	3.54	1.40	1.56	1.27	1.09	1.26	4.54	21.73
August	5.09	3.15	1.88	1.75	2.04	4.48	.55	4.43	1.30	5.84	30.51
September	3.4	2.16	2.11	2.24	2.88	6.42	1.29	2.95	2.43	3.83	26.64
October	1.71	4.53	4.39	4.79	4.13	1.55	.87	2.35	8.78	1.24	34.31
November	3.27	1.83	1.51	5.77	.25	6.41	1.62	1.71	3.88	6.02	32.27
December	2.16	4.68	2.08	3.05	4.52	3.09	3.74	5.84	1.88	2.86	33.90
TOTALS	31.71	31.01	28.84	29.39	26.90	40.35	25.67	35.18	28.53	37.95	315.53
	D	D	d	d	D	d	d	D	D	D	

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
1949			Stratford	4 mi.	SW.	Chilbolton	2 mi. W

BRITISH RAINFALL ORGANIZATION

Station No. 659

RAINFALL at CRAWLEY (CHILDBORTON DAWN)

51

County of HAMPSHIRE

Observer G. W. S. BRAKE Esq.

River Basin Test & SOILANT - H.

Type of Gauge. Gutter (8")

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
 " 31.0 " computed by Mr. Carrick 1936 Ref. 661245/36 Period of obs. 1916-1950 5
 " 32.55 " based on 311 years obs. within 1920-56 File No. 227441/34

Diameter	8"					309	218		8"		
Height	1'2"							1	3'4"		
Altitude	350'							51	345'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means-Totals
January	3.22	2.72	.89	2.32	3.04	4.66	2.38	3.59	3.48	4.42	30.72
February	6.44	6.64	1.65	2.70	1.59	.20	3.50	2.80	.13	2.73	22.38
March	3.42	3.31	.54	3.11	1.18	1.22	1.85	1.67	3.67	1.68	22.15
April	3.01	1.94	2.77	.42	.43	1.30	.10	.74	3.78	1.12	15.61
May	3.45	3.48	1.94	1.86	4.33	.66	1.78	2.30	.59	1.49	21.88
June	.72	1.46	1.44	3.52	2.95	1.87	1.54	3.26	.93	2.96	20.98
July	1.74	.45	3.32	3.53	.21	4.72	4.32	1.69	1.65	4.36	25.99
August	5.00	4.42	1.69	3.78	.58	4.40	3.25	4.22	2.10	3.29	32.73
September	4.15	2.61	2.36	2.74	1.39	3.37	2.84	5.23	.04	5.19	29.92
October	1.84	4.53	4.26	2.75	3.49	2.75	2.67	3.67	3.36	9.37	37.69
November	9.59	3.67	1.58	7.07	2.69	.69	2.91	2.36	4.07	3.40	38.03
December	3.03	2.98	.75	3.02	3.91	5.07	3.52	3.54	7.11	4.12	37.05
TOTALS	45.11	32.21	23.52	36.82	25.79	30.91	30.66	35.07	30.91	44.13	335.13

Inst. 11/11/59 by Mr. McWalter. Gauge in stand in sheltered garden to avoid 8% of nearby plants. Satisfactory provided few remain. Garden surrounded by woods

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 50141409368.

Date	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Stockbridge	4 km.		

Summary of Earlier Records from 10-year Sheets :

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