

RAINFALL AT

Crawley Down The Grange

Lat.

Lon.

County of

E Sussex 7

Rain Gauge, by

Observer

J. H. W. Buckley Esq

Diameter . . .										5	
Height										9	
Altitude										430*	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										3.42	
February									#	3.28	
March									1.05	.94	
April									1.37	3.04	
May . . . . .									.99	1.90	
June									3.76	2.51	
July									2.42	1.22	
August . . . . .									.81	1.01	
September . . .									1.53	3.41	
October . . . . .									.82	2.35	
November									3.78	5.94	
December									3.61	1.59	
TOTALS									2.92	30.61	

all in 1/2 Crawley Down Wark 2150 ft NW
 Trees 35 ft high 36 ft E
 50 - - 63 - N

RAINFALL AT Crawley Down The Grange No. 2Lat. 51. 6. 5Lon. 0. 4. 32County of East Sussex

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Rain Gauge, by StevensonObserver J. H. W. Buckley Esq.

Diameter ..	5										
Height	0 9										
Altitude ..	430							π			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.21	1.30	1.09	2.70	5.84	1.28	5.85	1.53	1.82		
February ..	6.70	2.23	1.24	1.66	4.15	.90	3.36	1.87	1.45		
March	1.01	2.74	2.42	3.49	1.76	4.39	1.70	1.01	3.50		
April	1.22	2.64	1.25	2.16	1.69	2.37	1.09	4.11	2.70		
May	1.58	1.31	3.11	2.28	3.01	.78	2.07	2.50	2.31		
June	3.51	1.18	4.02	4.20	1.43	4.96	2.40	2.18	1.55		
July	1.25	1.31	1.74	4.47	.84	.43	.73	1.16	3.87		
August	3.57	1.45	4.13	4.33	1.79	3.44	.97	2.40	5.09		
September..	1.67	2.16	.92	3.55	2.51	2.54	1.62	.60	1.10		
October	2.75	2.80	2.77	8.14	2.42	1.85	5.54	5.09	1.97		
November ..	3.87	.23	2.97	2.45	1.73	5.36	5.82	2.82	1.45		
December ..	4.55	4.84	1.93	2.94	4.17	.96	2.22	3.82	4.05		
TOTALS ..	35.89	24.19	27.59	42.37	31.34	29.26	33.37	29.09	30.86		

Crawley Down
 1903 all Saints Church 1 1/2 mile N.W.
 Gange R^d Station 1/4 " NE
 Tree N.W.

Annual Average 32.6 ins. based on 10 years obs. weighted. Period of average 1891-1900. Ref. S.

RAINFALL AT Cawley Down Thrufrange No 1

Lat. _____ Lon. _____ County of Essex
Somerton Rain Gauge, by N 43 Observer J. H. W. Buckley

Diameter ...									5		
Height									1 0		
Altitude ...									430 ft		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									1.71	1.38	
February ...									1.40	.48	
March									3.47	4.35	
April									2.57	1.64	
May									2.16	1.61	
June									1.54	3.66	
July									3.70	3.50	
August									4.99	2.90	
September ..									1.06	3.39	
October ...									1.86	6.99	
November ..									1.36	1.25	
December ...									3.97	4.96	
TOTALS ...									29.79	36.11	

1908 all Sinto Cawley Down 800 yards N.W.
 Thrufrange Road Station 600 " N
 Tree 70 ft N.W.

RAINFALL at Crawley Dam GaugeCounty of SussexObserver J.H.W. Buckley EsqRiver Basin MedwaySnowdon Rain Gauge, by 113

Diameter ...	5										
Height	10										
Altitude ...	430*									9	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.56	1.52	2.64	5.47	1.03	4.16	1.64	1.55	3.42	6.25	
February ...	5.51	1.92	2.78	1.35	6.01	5.69	4.84	.99	1.35	2.61	
March	1.68	2.48	5.40	3.69	6.43	.77	4.58	2.11	1.07	4.71	
April	2.01	2.43	.04	4.18	1.74	1.62	1.32	2.52	3.98	2.69	
May	2.54	1.49	1.54	2.21	1.36	3.90	2.23	1.87	2.07	.39	
June	1.74	2.12	3.13	.52	.77	.66	2.82	2.59	1.84	1.03	
July	2.67	.24	1.60	2.62	1.70	4.63	1.28	4.48	5.49	2.43	
August	2.72	.91	6.14	1.44	1.43	2.00	3.83	7.16	1.19	3.19	
September ..	.40	1.65	4.52	2.08	1.21	1.91	1.72	2.37	6.76	1.40	
October ...	3.58	4.98	4.95	4.91	2.00	3.24	5.75	5.10	1.74	.82	
November ...	4.61	7.77	2.75	4.76	5.29	3.44	6.17	1.87	2.59	2.52	
December ...	4.71	9.20	4.28	1.63	8.60	8.12	4.08	2.16	3.00	5.78	
TOTALS ...	35.73	36.71	39.77	34.86	37.57	40.14	40.26	34.77	34.50	33.82	
	D	D	D	D	D	D	D	D	D	D	

1910 True

70 ft NW

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51. 6. 56	0. 4. 32	Langhill	800 yds	N	all Saints	800 yds	NW

RAINFALL at Crawley Down The GrangeCounty of SussexObserver L. H. Buckley Esq.
T.A.River Basin MedwayMiss L. Buckley.Snoddon Rain Gauge, by 22 1/2.

Diameter ...	5										
Height	100.9										
Altitude ...	430										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...	4.08	3.38	4.83	1.60	2.46	2.53	4.08	2.59	5.03	1.04	4.01
February ...	.56	.71	3.05	5.75	.78	5.10	3.03	5.40	2.00	1.08	1.91
March	2.00	2.07	2.52	2.83	2.30	.79	.30	4.33	2.99	.03	1.20
April	3.13	1.25	3.55	2.98	3.53	3.02	3.80	2.06	2.12	.90	1.98
May .....	.93	2.67	.90	3.19	4.26	3.48	1.84	.82	1.51	3.01	2.77
June	1.42	.05	1.40	.39	3.81	.13	3.76	3.94	3.04	1.46	.64
July	6.51	.43	4.90	3.43	4.60	3.93	1.32	3.43	2.17	2.85	2.77
August	1.66	1.89	3.76	2.57	3.62	2.37	2.15	6.08	3.58	3.14	2.65
September...	4.57	.85	1.95	1.96	4.08	2.80	.50	5.51	0.93	.32	3.33
October	1.64	1.35	1.24	6.99	4.02	4.50	2.65	2.66	7.83	4.89	1.63
November...	2.05	1.71	2.46	2.29	3.59	3.83	8.12	3.41	3.47	7.50	6.27
December...	3.05	1.99	4.58	3.37	5.35	3.79	.47	4.74	4.06	10.09	3.19
TOTALS...	31.60	18.35	35.14	37.35	42.40	37.27	33.02	44.95	38.73	36.61	33.35
	D	D	D	D	D	D	D	D	D	D	D

1921. Free N.W.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 6' 58"	0° 4' 32"	Grange Road	600 yds	N	All Saints	800 yds	N.W.

Grange Hill.
RAINFALL at *Crawley Down (The Grange)*

County of *Sussex*Observer *Miss L.T.A. Buckley.*River Basin *Medway 7*

Type of Gauge.....

Annual Average *32.7* in. based on *29* years obs. ~~un~~-weighted. Period of average *1881 - 1915* Ref. *(676883/26)* ^S
↓

Diameter	5											
Height	0 9			10								
Altitude	430			450								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.09			3.50	1.32	7.62	8.40	4.62	6.53	2.69		
February	3.05			.39	5.44	2.48	6.93	.81	1.68	2.98		
March	.45			2.88	.60	1.84	4.89	.50	1.50	3.60		
April	3.87			3.76	4.10	2.65	3.46	.25	2.55	2.02		
May	3.15			.86	1.55	.69	2.47	2.70	1.90	1.78		
June	1.81			1.37	3.48	3.83	2.00	.70	2.36	.28		
July	3.14			2.22	.95	8.41	1.22	2.49	2.78	3.04		
August	4.34			2.09	4.42	.89	1.69	1.41	2.63	.15		
September	2.26			2.36	5.04	2.55	2.10	3.27	1.63	1.31		
October	.56			2.47	5.06	1.91	3.24	4.08	7.15	4.61		
November	5.30			4.78	7.52	6.43	1.99	4.64	6.92	9.24		
December	.80			10.38	5.10	4.28	5.20	4.71	2.36	2.00		
TOTALS	30.82	N.R.	N.O.	37.06	44.58	40.28	43.59	30.18	39.72	33.70		

Moved to Edenbridge, Kent in December 1931

1931. Dec. last estimated

1934. Recommenced at new Buckley's new property Grange Hill which adjoins the Grange. Shed 8' 6" high 31 ft N.

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	Parish Church.	Distance from gauge	Direction
1934			Grange Road	1/3 m	N.	Crawley Down.	3/4 m	N.W.

Station No. 582

RAINFALL at Grange Down (Grange Hill)

41

County of SussexObserver Mias L. J. D. BrinkleyRiver Basin Medway - 7Type of Gauge SnowdonAnnual Average 32.7 in. based on 29 years obs. ~~un-weighted~~. Period of average 1881-1915 Ref. 5File No. 676883 ab

Diameter	5"			392	462						
Height	10'				1			6'			
Altitude	450'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.92	3.32	6.56	2.90	2.59	3.77	3.72	6.63	1.30	1.45	
February	4.09	.80	2.35	.97	2.49	3.35	2.77	2.32	2.19	6.72	
March	3.37	3.16	.43	.13	1.99	1.69	6.43	1.22	1.40	2.21	
April	1.65	2.10	1.69	1.60	1.57	1.99	2.23	1.65	2.05	2.42	
May	2.37	3.25	3.69	.79	2.01	2.79	1.74	3.69	1.86	1.78	
June	2.55	.19	1.84	2.36	2.14	3.35	3.02	3.64	1.09	1.44	
July	2.58	2.11	2.84	2.70	5.51	2.47	2.32	1.21	.51	3.46	
August	4.99	3.48	1.90	2.57	2.21	6.06	.55	5.00	1.90	2.38	
September	.75	2.25	1.79	3.06	2.55	4.39	2.12	2.75	1.12	3.53	
October	1.25	4.69	3.39	5.60	4.18	1.13	.29	2.13	9.62	1.40	
November	3.34	1.76	1.88	5.87	2.2	6.42	1.52	1.96	3.82	8.13	
December	2.89	3.81	2.79	2.90	5.14	3.13	2.65	5.52	2.24	2.90	
TOTALS	32.75	30.92	31.15	31.45	32.54	40.54	29.36	37.72	29.10	36.82	

1941. Shed 8 1/4' high 31' N.

1945. Gauge moved 30 yds S. Switch this 15-20' high 12 yds N.

J. J. J.

29.16

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			Grange Road	1/4 m.	NW	Crawley Down	1/2 m.	NW

BRITISH RAINFALL ORGANIZATION

5/66

RAINFALL at CRAWLEY DOWN

Sandhill Gate Cott. 582 STET

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County of SUSSEX

Observer

Mrs A.A. Styles

w.s.f. BR 1957.

River Basin MEDWAY - 7Type of Gauge SNOWDONAnnual Average 34.0 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. 81 W.S.File No. 676883/26

Diameter ...	5"			292	462		5"				
Height ...	6"	1965.			1		8"				
Altitude ...	450'				51		400'				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.55	4.78	1.20	1.94	4.20	4.74	2.56	3.62	2.95	3.29	
February ...	8.27	1.17	1.78	2.37	2.10	.36	5.77	2.05	.02	3.27	
March ...	4.95	3.87	.32	3.75	1.57	.99	.84	2.54	2.00	2.58	
April ...	3.36	2.60	3.61	.32	.41	1.58	.07	1.66	2.76	.88	
May ...	3.13	1.83	2.13	2.05	5.14	.42	1.62	2.78	.05	2.16	
June ...	1.75	1.11	2.03	3.99	2.17	2.56	.98	4.21	1.53	1.67	
July ...	2.87	.80	4.07	3.34	.41	4.25	4.22	2.03	1.25	5.72	
August ...	6.50	3.56	2.27	3.03	1.15	3.12	3.25	3.85	.68	5.32	
September ...	3.66	3.29	4.34	2.96	2.46	3.34	3.10	5.66	.10	4.45	
October ...	1.62	3.79	4.47	3.03	4.24	(1.70)	1.92	3.69	3.75	9.26	
November ...	7.71	4.11	1.90	7.03	1.59	(1.00)	4.45	1.69	3.77	8.33	
December ...	4.23	2.91	.91	2.52	3.29	5.38	2.56	4.75	8.66	4.96	
TOTALS ...	52.60	33.81	29.03	83	28.73	29.44	31.34	38.53	27.72	51.89	
	D	D	D	D	d	np low	d	d	d	d	

1955. October - terminated - driver to go - Gauge moved a few feet in July.

1956 Trying to obtain help - Record kept part of year by Mr. Danwell

1957. Gauge moved 15' Jan. 400 yds. to Sandhill Gate Cottage.

Mrs. Styles commenced obs. from 1.1.57 & becomes auth. for B.R. but Miss Buckley still interested in the record.

00064

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference TQ 51 248372

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1952.			Grange Road.	1/4 ml. NW	Crawley Down	1/2 ml. NW
1957			" "	1/4 mi N.	" "	1/4 mi N.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓ NR 32, 33	✓	
	✓	✓	✓ burd 31	✓	