

RAINFALL AT Crawley Down The Grange

Lat. _____ Lon. _____ County of E Sussex 7

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

Diameter										5
Height9
Altitude										430 ft
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899 MEANS.
January										3.42
February									# 1.05	3.28
March									1.37	.94
April99	3.04
May									3.76	1.90
June									2.62	2.51
July81	1.22
August									1.53	1.01
September82	3.41
October									3.78	2.35
November									3.61	5.94
December									2.92	1.59
TOTALS										30.61

all points Crawley Down work 2150 ft NW

Trees 35 ft high 36 ft

50. - 63.

E

N

RAINFALL AT Crawley Down The Grange M.R.
 Lat. 51° 6'. 58" Lon. 0° 46'. 32" County of East Sussex 7
 Rain Gauge, by Stewart Observer J. H. W. Buckley Esq.

Diameter ..	5										
Height ..	0.9										
Altitude ..	430										
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 Saint Church 1 1/2 Mile N.W.
 Grange R.D. Station 1/4 " N.E.
 Tree N.E.W.

Annual Average 32.6 ins. based on 10 years obs. weighted. Period of average 1881-1905. Ref. S.

RAINFALL AT Gawley Down Shefrange No. 1

Lat. _____

Lon. _____

County of

E SussexSorondon

Rain Gauge, by N+3

Observer J. H. W. Buckleyby

Diameter ...										5	
Height										10	
Altitude ...										480 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	3.89	
October ...									1.86	6.99	
November ..									1.36	1.25	
December...									3.97	4.96	
TOTALS ...									29.79	36.11	

1908 all units Gawley Down 800 yards N.W.
Shefrange Road Station 600 " " N
 tree 70 ft N.W.

RAINFALL at Crawley Down Gauge

County of Surrey

Observer J.H.W. Buckley Esq

River Basin Medway

Snowdon Rain Gauge, by

No. 3

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	

70 ft NW

1910 tree

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.6.56	0.4.32	Gauge!	600 yds	N	All Saints	800 yds	NW

RAINFALL at Crawley Down The Grange

County of Sussex

Observer Y. H. W. Buckley Esq.
T.A.

River Basin Medway 7

Miss L. H. Buckley.

Snowdon Rain Gauge, by N.Z.

Diameter ...	5"										
Height	1 0 0 . 9										
Altitude ...	430										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS
January	4.08	3.38	4.83	1.60	2.46	3.53	4.08	2.59	5.03	1.04	4.01
February56	.71	3.05	3.75	.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
May93	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	.82	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	7.80	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	44.97	38.73	36.61	33.35
	D	D	D	D	D	D	D	D	D	D	D

1921. Tree N.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 from gauge	Parish Church.	Distance from gauge
1920	51° 6' 56" N	0° 4' 32" W	Grange Road	600yds	N	All Saints	800yds NW.

RAINFALL at Crawley Down (The Orange)

Grange Hise.

County of SURREY

Observer Miss L.T.A. Buckley.

River Basin Medway 7

Type of Gauge

S

Annual Average 32.7 in. based on 29 years obs. unweighted. Period of average 1881 - 1915 Ref. (67683/26) ✓

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			1.39	5.44	2.48	6.93	.81	1.68	2.98	
March	1.45			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	3.53	2.00	.70	2.36	.28	
July	3.14			2.22	.95	5.41	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	1.81	
October	.56			2.47	5.06	1.91	3.24	4.08	.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.	37.86	+4.58	40.28	43.59	30.18	39.72	33.70	

Moved to Epsombridge, Kent in December 1931

1931 Dec. had estimated

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

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
1934			Grange Road	1/3 m	N.	Crawley Down	3/4 m	N.W.

Station No. 582

RAINFALL at Crawley Down (Grange Hill)

41

County of Sussex.....

Observer Miss S. J. A. Berkeley.....

River Basin Medway - 7.....

Type of Gauge Snowdon.....

Annual Average 32.1 in. based on 29 years obs. un-weighted. Period of average 1931-1955 Ref. 5.....

File No. b7b.883.2b.....

Diameter	5"			292	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	4.43	.13	1.99	1.69	6.43	1.22	1.40	2.21	
April	1.65	2.10	1.69	1.60	1.51	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	6.22	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	32.62	30.92	31.15	31.4	32.54	40.54	29.36	37.72	29.10	36.82	

1941. Gauge moved 30 yards S. South. In 15-20' high 12 yrs N.

J. 715.

29.4

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

29246
5/66

RAINFALL at CRAWLEY DOWN (GRANGE HILL) ---

County of SUSSEX

Sandhill Gate Cottage 582 S TET

River Basin. MEDWAY - 7

Observer M/S LIA BUCKLEY

Type of Gauge SNOWDON

Mrs A.A. Styles w.e. BR 1957.

34.0

20

Annual Average: 32.7 in. based on 29 years obs. un-weighted. Period of average 1881-1915 Ref. 8105.

File No. 676883/26

Diameter	5"		292	462		5"					
Height	6"	Rain record. 1916.			1		8"				
Altitude	450'				51		400'				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.53	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	2.87	2.10	.36	5.11	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	.61	4.25	4.22	2.03	1.25	5.72	
August	6.50	3.55	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	(1.90)	1.92	3.69	3.75	9.26	
November	7.71	4.11	1.90	7.03	1.59	(1.00)	4.45	1.61	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	36.77	28.73	29.44	31.34	38.53	27.72	51.89	
	D	D	D	D	d	uplow	d	d	d	d	

1955 - October - terminated - lower Go old - Gauge moved a few feet in July.

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

1957 - Gauge moved 1st Jan. 400 yds. to Sandhill Gate Cottage.

Mrs. Styles commenced obs. from 1st 57 & becomes auth. for BR, but Miss Buckley still interested in the records.

006b4

of 3. with W. C. to map

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ(51) 348372

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1952.			Grange Road.	1/4 mi. NW	Crawley Down	1/2 mi. 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	✓ bnd 31	✓	✓	✓	✓