

RAINFALL AT *Compton [Petersfield]*

441
80

Lat.

Lon.

County of *W. Sussex*

Rain Gauge, by

Observer

Rev. H. M. Langdale

Diameter	5										
Height	1										
Altitude	260							255 π			
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January		6.53	1.88	3.38	3.29	2.01	4.71	3.17	1.79	1.51	
February		3.00	1.57	4.87	2.68	4.81	.80	1.16	1.30	2.71	
March		3.71	1.84	1.04	3.16	2.91	3.00	1.16	4.79	2.69	
April86	3.67	1.91	1.32	1.19	2.51	1.79	1.73	2.31	
May		1.60	2.14	2.38	1.02	4.51	3.62	1.48	2.26	5.18	
June		2.35	3.97	2.96	1.45	2.70	1.07	1.58	3.74	1.03	
July	#5.50	2.23	4.17	3.05	3.00	.73	3.97	1.37	6.32	2.93	
August	1.73	6.35	1.88	1.88	1.09	.73	1.70	2.30	3.78	2.96	
September....	5.58	3.52	3.31	4.34	3.64	5.69	1.89	4.66	1.23	1.05	
October	6.73	2.27	9.22	2.99	1.08	4.69	5.13	1.52	2.29	7.64	
November....	3.50	5.05	4.35	5.43	.81	3.54	4.13	5.39	6.08	1.90	
December	4.19	4.52	3.19	1.41	4.81	1.60	7.23	2.77	2.26	2.58	
TOTALS		41.99	41.19	35.64	27.35	35.11	39.76	28.35	37.57	34.49	

St Mary's Church 300 yards E.

Gauge well exposed in centre of lawn

NOTE. From a letter dated Jan. 2nd. 1911 it is clear that the record has always been entered to wrong day and the R on the last day of each month has been taken at midnight thus giving a true amount for each month and year.

RAINFALL AT Compton [Petersfield]

Lat. _____

Lon. _____

County of W Sussex

Rain Gauge, by _____

Observer

Rev H M Longdale201

Diameter	5											
Height	10											
Altitude	255 N											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.26	3.51	1.45	2.10	6.06	3.07	1.94	3.06	.79	4.08	3.032	
February	1.21	.09	1.33	3.94	2.32	.19	.73	4.16	1.94	3.26	1.917	
March	1.77	3.90	1.20	.82	1.95	2.54	4.66	5.09	.91	.89	2.373	
April	2.93	1.06	1.27	.08	2.45	2.94	.60	3.16	1.30	2.98	1.877	
May	2.15	2.08	1.07	.87	1.34	.51	.73	1.34	3.71	1.05	1.485	
June	4.05	1.97	2.41	1.72	2.26	.81	4.25	2.86	2.54	1.39	2.426	
July	5.19	3.63	2.82	4.05	5.39	5.59	1.24	.37	.50	2.65	3.143	
August	3.43	7.85	4.11	1.09	2.36	3.63	1.48	5.67	1.69	1.23	3.254	
September....	1.14	2.18	3.79	2.43	3.14	.54	9.54	3.11	2.10	3.64	3.161	
October	1.59	8.77	4.96	5.80	5.34	3.89	3.95	.55	4.32	3.87	4.304	
November....	3.08	5.00	3.80	2.81	7.09	6.83	1.18	1.69	5.18	5.79	4.245	
December97	5.35	2.83	3.57	3.08	3.62	5.71	4.73	3.78	2.16	3.580	
TOTALS . . .	31.77	45.39	31.04	29.28	42.78	34.16	36.01	35.79	28.76	32.99	34.177	

NOTE. From a letter dated January 2nd. 1911 it is clear that the record has always been entered to wrong day and the R on the last day taken at midnight in order to give a true amount for each month and year.

RAINFALL AT Compton [Petersfield]

Lat. Lon. County of West Sussex

Rain Gauge, by Observer Rev H M Langdale

Dec 1

Diameter ..	5										
Height	10										
Altitude ..	265 268										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.77	1.56	1.44	2.74	5.53	1.39	9.13	1.18	1.53	1.25	3.052
February ..	6.01	1.73	2.45	2.00	4.43	.70	4.20	1.91	1.64	.44	2.551
March	1.18	2.82	2.30	4.10	1.31	5.24	1.78	1.09	3.42	5.56	2.880
April	1.72	3.22	1.20	2.72	1.78	2.16	.74	4.74	2.72	1.61	2.361
May	1.37	1.19	2.36	3.29	4.09	.48	2.90	2.05	2.21	2.39	2.233
June	3.67	3.26	3.74	2.95	1.02	4.19	1.60	3.46	1.51	3.29	2.869
July	1.43	2.65	1.47	3.76	1.82	.44	.52	2.14	3.30	3.84	2.137
August	3.36	2.50	4.63	6.26	2.84	3.28	1.91	2.01	3.61	2.95	3.335
September ..	1.24	2.79	1.08	4.20	2.03	2.95	1.69	.59	3.04	4.20	2.381
October	2.83	2.99	2.86	10.24	3.51	1.52	5.79	8.42	3.58	10.77	5.251
November ..	4.28	.79	4.12	2.50	1.53	4.49	6.12	3.03	1.50	.79	2.915
December ..	4.67	5.00	2.18	2.79	3.87	1.10	2.61	3.95	4.31	5.39	3.587
TOTALS ..	36.53	30.50	29.83	47.55	33.76	27.94	38.99	34.57	32.37	42.48	34.52

1909 Corrected for wrong day.

NOTE. From a letter dated Jan. 2nd. 1911 it is clear that the record has always been entered to wrong day and the R on the last day of each month taken at midnight in order to give a true amount for each month and year.

K. M. Langdale, in letter of 8.2.20, says correct altitude is 263.26 ft.

RAINFALL at Compton Compton HouseCounty of SussexObserver H. M. Langdale Esq.River Basin Tavant & C 1Min. K.B. Langdale (26)London Rain Gauge, by N. 9/2

Diameter ...	5"												
Height	10												
Altitude ...	262		263										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.		<i>Gold 20.30</i>
January ...	4.77	4.81	5.89	1.95	3.86	5.62	6.36	2.87	7.22	1.50	5.53		50.43
February90	.38	4.10	6.56	.75	6.26	2.59	5.10	2.61	1.63	1.38		32.26
March	2.87	1.85	2.60	2.54	2.09	.63	.78	3.60	2.83	.15	1.60		21.57
April	4.02	1.15	4.59	4.07	3.41	3.39	3.04	2.54	2.39	.83	2.53		31.96
May	1.64	2.07	1.58	3.44	4.06	5.35	3.25	1.51	1.76	3.81	2.23		30.70
June	2.17	.08	1.74	.55	4.04	.02	2.91	4.43	3.16	1.70	.57		21.37
July	6.50	.40	4.31	1.24	5.00	3.80	2.64	3.93	1.96	2.10	2.80		34.68
August	1.46	2.71	3.09	3.52	3.50	5.28	1.60	4.79	2.51	2.31	4.17		34.94
September...	2.23	.94	2.27	2.51	6.28	3.07	.54	7.18	1.26	.86	2.88		30.02
October	3.75	.66	1.21	7.47	5.17	4.41	2.87	3.50	4.50	4.67	2.48		45.69
November...	2.07	2.83	2.57	1.43	2.70	4.69	8.77	3.96	4.56	9.68	6.64		49.90
December...	4.14	2.50	4.83	4.28	5.48	4.01	.34	5.45	4.21	7.94	4.87		48.05
TOTALS...	36.52	20.38	38.78	39.56	46.34	46.53	35.69	43.86	43.97	37.18	37.73		431.50
		<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>		<u>446</u>

1930. Gauge on open lawn,
Compton House, about 30 ft. high, 40 yds. on. N. side.

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

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	50° 55' 40"	0° 53' 40"	Rowlands Castle	5 mi	W 3/4 N	Compton	200 yds	E S E

RAINFALL at Compton (Compton House)County of SussexObserver Miss K.B. LangdaleRiver Basin Lavant & C 1

Type of Gauge

Annual Average 36.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B.9 N.

756146/27

Diameter	5											
Height	10											
Altitude	263											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	3.44	4.28	2.81	2.68	.97	6.29	7.56	4.93	6.69	3.47	43.12	
February	2.55	3.7	4.58	.05	4.46	3.08	6.43	.54	1.99	4.91	28.93	
March	1.09	1.71	4.03	3.22	1.01	2.97	4.04	.63	1.63	4.26	24.59	
April	3.46	3.48	1.45	2.35	4.41	2.83	3.63	.07	2.77	1.20	25.65	
May	2.78	4.76	3.22	.66	1.19	.40	2.54	2.25	1.63	1.76	21.29	
June	2.16	1.99	2.09	1.92	3.96	3.17	1.01	.77	2.12	.25	19.44	
July	3.59	5.35	2.97	1.49	1.50	5.64	1.73	2.48	3.72	4.98	33.45	
August	4.05	1.37	1.17	3.68	3.44	.91	1.77	2.16	2.58	.02	21.15	
September	3.04	3.63	2.88	3.07	4.70	3.24	2.19	1.91	.98	1.70	27.34	
October	.75	7.98	2.23	2.34	6.28	1.59	4.02	5.34	6.32	4.81	40.66	
November	4.60	2.10	.90	3.66	8.65	5.44	2.61	5.28	7.97	9.83	51.04	
December	.98	1.27	.92	11.72	4.39	3.13	4.78	3.93	2.91	3.27	37.30	
TOTALS	37.73	32.49	38.29	29.25	36.84	43.96	38.66	42.31	30.39	41.31	404.46	373.96

89 103 80 101 120 106 116 82 113 116

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 Direction from gauge	Parish Church.	Distance Direction from gauge.
1931			Rowlands Castle	4½ m. S.W.	Compton	500 yds. E.

RAINFALL at Compton (Compton House)

41

County of SussexObserver Miss K.B. LangdaleRiver Basin Sussex &c.

Type of Gauge

Annual Average 22.1 in. based on 25 years obs. un-weighted. Period of average 1891-1916 Ref. B of NFile No. 7861.1/27

Diameter	5"												
Height	1' 0"												
Altitude	263												
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	TOTALS	97
January	3.58	4.96	7.46	2.98	2.23	4.08	3.73	7.54	1.44	1.42	39.42	38.00	38.00
February	4.55	.63	1.81	.99	3.01	3.90	2.27	1.85	1.79	4.69	27.49	28.00	28.00
March	4.26	3.50	.86	.34	1.31	1.44	8.20	1.14	1.97	2.57	25.59	23.02	23.02
April	2.01	1.84	1.37	1.91	1.36	2.71	2.95	2.14	2.23	2.88	21.60	18.59	18.59
May	3.06	3.50	3.51	1.72	2.43	4.05	1.51	3.51	2.34	1.45	27.08	25.63	25.63
June	1.60	.32	1.50	2.53	3.25	5.13	2.45	3.17	.81	2.04	22.80	20.76	20.76
July	3.12	2.26	2.33	3.04	5.84	2.42	1.59	1.83	.31	4.22	26.96	22.74	22.74
August	5.28	5.07	1.89	2.13	3.19	7.30	.54	4.79	1.77	3.92	35.88	31.96	31.96
September	.32	2.88	2.48	2.57	2.70	5.08	2.15	3.76	2.71	4.63	29.28	24.65	24.65
October	1.52	4.59	3.90	4.92	5.05	1.11	1.13	2.94	9.67	.84	35.67	34.83	34.83
November	4.31	1.69	2.86	6.93	.45	7.02	1.95	2.05	4.80	7.79	39.85	32.06	32.06
December	2.68	5.15	3.18	3.19	5.33	4.61	3.43	5.67	3.19	2.72	39.15	36.43	36.43
TOTALS	36.29	36.39	33.15	33.25	36.15	48.85	31.90	40.39	33.03	44.17	370.57		

99 99 91 91 99 134 87

229.40

1 229.40

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

RAINFALL at COMPTON (COMPTON HOUSE)

Station No. 441

M.

County of SUSSEX

Observer M^{rs}. K. B. LANGDALE

River Basin LAVANT & C. 1

Type of Gauge

Hend Gowers, H. Tooleman

Annual Average 36.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.
37.91 " " " " " 1916-1950 1916-1950 56.146/27 P

File No.

Diameter ...	5"			321	497							
Height ...	1'0"				1							
Altitude ...	263'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	TOTAL	Means
January ...	5.01	3.09	1.43	2.20	4.22	5.55	3.72	3.21	4.52	4.71	39.66	
February ...	6.68	.94	2.03	3.87	2.40	.26	6.10	3.25	.12	3.97	29.62	
March ...	5.92	3.67	.55	4.11	1.66	.59	2.53	1.83	3.19	2.64	26.69	
April ...	3.59	2.43	2.41	.38	.65	2.54	.14	.82	3.11	1.05	17.12	
May ...	2.80	3.20	3.24	3.05	4.66	.37	1.61	3.38	.34	1.43	24.08	
June ...	3.00	1.78	2.30	3.82	3.09	3.23	1.81	3.37	.89	2.93	26.22	
July ...	2.33	.64	5.25	4.13	.80	3.21	4.45	2.01	2.64	5.27	30.81	
August ...	7.94	2.90	2.47	3.31	1.50	6.76	3.59	5.51	4.00	4.80	42.78	
September ...	3.39	4.43	3.16	4.30	2.51	4.71	3.85	5.16	.15	4.67	36.33	
October ...	1.54	6.68	4.21	3.62	3.93	1.88	2.60	2.96	3.59	7.92	38.93	
November ...	10.15	5.09	1.97	6.66	2.82	1.01	2.90	3.32	4.91	6.60	45.43	
December ...	3.98	3.83	1.12	3.88	4.88	6.51	3.64	4.76	9.62	4.90	47.12	
TOTALS ...	56.33	38.68	30.14	43.33	33.12	36.62	36.94	41.66	37.08	56.89	404.79	
	d	D	D	D	D	D	d	d	Dd	Dd		

1956 after death of Mrs A.H. Langdale, brother's widow (Dec. 1956)
 1956 Jan. obs by Miss Gailig, parish, wife of Mr Langley,
 1960 n.p. 600. See file

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference SU41772150

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets:

1916-1950, P- accepted

Record D, or d	1880	1910-10	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓