

RAINFALL AT GuadalupeM.S. returns Per L. BirkettRain { By.....
Gauge { Diameter.....in.Height above Ground, 1 ft. in.

Above Mean Sea Level, ft.

YEAR.....	1810	1811	1812	1813	1814	1815	1816	1817			MEANS.
January	2.17	2.17	1.89	2.66	.25	1.00	2.84	1.67			
February	1.91	4.40	6.27	4.67	2.00	3.05	1.67	3.11			
March	2.37	3.13	2.89	2.17	1.20	5.89	2.51	2.50			
April .....	.38	3.19	.75	1.25	4.45	.64	1.78	0.00			
May .....	.12	3.33	2.85	3.00	.09	3.62	3.06	1.25			
June.....	1.47	2.77	4.25	1.88	1.59	2.00	2.28	5.95			
July	3.14	2.28	2.89	2.34	2.63	3.22	2.45	2.80			
August.....	3.57	4.22	2.64	1.40		4.78	2.78	6.52			
September ...	2.57	1.33	4.00	3.10	1.20	4.70	4.84	.84			
October.....	4.00	6.52	5.70 ^x	4.34	4.78	4.25	4.75	1.27			
November.....	4.58	6.00	2.85	4.00	5.50	4.31	1.78	3.64			
December.....	6.47	4.80	.14	1.25	5.14	6.00	4.09	5.03			
TOTALS	32.67	44.14	35.12	32.06		43.54	34.83	34.58			

1812 x includes 4 days of Nov.

RAINFALL AT

23

Maland Congress-

YEAR.	1810	11	12	13	14	16	17	15	Malang	Kendal		YEAR.	24	25	26	27	28	29	30	31	32	
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.		In.	In.	In.	In.	In.	In.	In.	In.	In.	
January	2.11	2.11	1.57 ⁸⁴	2.44	1.16	2.54	1.43	1.05	1.639	2.900	9	January	2.403	4.142	4.142	0.122	5.206	6.014	0.223	1.270	3.747	4.13
February	1.58	4.26	6.17 ⁸⁴	6.43	2.00	1.43	3.07	3.03	3.939	5.576	16	February	1.704	2.923	2.923	6.402	1.685	3.485	2.020		3.440	
March	2.24	3.08	2.57 ⁸⁴	2.11	1.13 ¹⁶⁴	2.33	2.32	5.57	2.645	3.053	7	March	4.469	1.975	1.975	1.269	4.804	2.460	0.696	5.000	2.650	
April	.24	3.12	4.6 ⁸⁴	1.16	4.29 ¹⁶⁴	1.50	mil	0.41	3.030	3.226	10	April	2.070	5.823	2.880	2.200	1.926	4.950	4.253	2.700	5.510	
May	.08	3.21	2.55 ⁸⁴	3.00	0.06 ¹⁶⁴	3.04	1.16	3.40	6.464	7.048	16	May	0.526	0.063	2.698	0.979	3.635	2.335	1.800	3.194		
June	1.30	2.49	4.16 ⁸⁴	1.56	1.38 ¹⁶⁴	2.18	5.61	2.00	4.102	3.414	15	June	2.948	4.653	5.833	0.479	3.118	5.200	5.200	3.232		
July	3.09	2.18	2.57 ⁸⁴	2.22	2.40 ¹⁶⁴	2.29	2.57	3.14	4.122	7.858	22	July	1.631		0.063	0.773	2.433	5.786	7.013	5.100		
August	3.37	4.14	2.57 ⁸⁴	1.40 ¹⁰⁰		2.50	6.33	4.50	6.511	7.750	22	August	3.755		4.055	4.400	5.105	6.895	8.062			
September	2.37	1.21	4	3.10 ¹⁰⁰	1.13	4.54	54	4.45	5.492	5.742	21	September	5.804		5.178	1.266	3.177	5.683	4.880			
October	4.00	6.33	5.45 ⁸⁴	4.34 ¹⁰⁰	4.50	4.48	1.17	4.16	4.014	6.218	15	October	7.132		6.314	4.240	3.753	4.087	7.216			
November	4.32	6.00	2.55 ⁸⁴	4.00	5.32	1.56	3.41	4.20	2.940	3.403	12	November	9.924		7.527	3.154	3.736	4.820	5.200		13.220	
December	6.30	4.57	2.57 ⁸⁴	1.4	5.09	4.06	5.02	6.00	4.689	6.624	14	December	10.263		3.042	4.238	9.893	8.124	2.011		16.220	
Yearly Total	32.44	44.8	37.9			34.61	32.57	43.35	49.787	62.749	177	Yearly Total										

Note a. Rain in October & first four days of Nov:

b. for Mar. 1 to Apr. 12 -

c. 6 Jan. 3rd

d. to Feb. 9. C^d not measured at end of Jan: on the 9th of Feb: ground being frozen so as to prevent the bottle being taken up -

Note of Rain in Kendal for 1827 -

1st Mo. 8.630 - 2nd 2.698 - 3rd 8.476 - 4th 2.553 - 5th 3.483 - 6th 4.264 - 7th 3.170 - 8th 5.214 - 9th 3.329

• C^d make nothing of figures, in register. so inserted by calculation from some total

* 2.650 6.681 both belong to March. The rain having been twice measured.

12.962
49.787

Total 58.006

RAINFALL AT

Zealand

W. L. Birkett.

4345

Rain By

Gauge Diameter.....in.

Height above Ground, 1 ft. in.

Above Mean Sea Level, ft.

YEAR.....	1820	1821	1822	1823	1824	1825	1826	1827	1828	1829	MEANS.
January	3.77	2.28	1.75	1.64	2.40	4.14	.12	5.20	6.01	2.2	
February	1.83	.58	4.56	3.94	1.70	2.92	6.40	1.69	3.44	2.02	
March	2.20	5.22	5.86	2.85	4.49	1.97	1.27	4.80	2.46	.70	
April	1.57	3.80	1.50	3.03	2.07	2.88	2.20	1.93	4.95	4.25	
May		2.41	1.40	6.46	.53	2.70	.97	3.63	2.33	1.80	
June	1.73	—	1.82	4.10	2.95	5.83	.48	3.12	5.20	5.20	
July	2.28	1.50	6.88	4.12	1.63	.06	.77	2.43	5.79	7.01	
August	6.36	5.00	4.15	6.51	3.76	4.05	4.40	5.11	6.89	8.06	
September ...	6.38	9.15	2.99	5.49	5.80	5.18	1.29	3.18	5.68	4.88	
October	4.28	4.25	7.19	4.01	7.13	6.31	4.24	3.75	4.02	7.22	
November	1.77	5.29	10.67	2.94	9.92	7.53	3.16	3.74	4.82	5.20	
December	6.30	5.31	2.81	4.69	10.26	3.04	4.24	9.89	8.12	2.01	
TOTALS		44.79	51.58	49.70	52.62	46.61	29.53	48.47	59.71	48.57	

1820 May missing

RAINFALL AT

Sealand

30

M. H. Petrusino Prov. S. Kirkham

Y345

Rain { By
Gauge { Diameter.....in.

Height above Ground, $\sqrt{\hspace{1cm}}$ ft. in.

Above Mean Sea Level, ft.

YEAR.....	1830	1831	1832							MEANS.
January	1.27	3.75	4.13							
February		3.44								
March	x 8.00	8.87								
April	3.70	5.51								
May	3.19									
June.....	3.23									
July	5.10									
August										
September										
October.....										
November.....		13.22								
December.....		16.22								
TOTALS										

1830 = Mar. 1 to Apr. 12

1831 x x x very irregularly taken

RAINFALL AT

Rev H^t. Birkett Zealand Congres

Rain (By

Gauge (Diameter.....5.....in.

Height above Ground, 3 ft. in.

Above Mean Sea Level, 224 ft.

YEAR.....							1866	1867	1868	1869	MEANS.
January							4.77	4.30	3.27	5.07	
February							4.07	2.83	2.78	6.14	
March							2.32	1.40	4.82	1.03	
April .....							.89	4.41	2.44	3.11	
May							1.46	2.17	1.84	3.11	
June.....							4.16	1.81	.55	1.06	
July							3.47	2.78	.52	1.00	
August							4.89	3.25	5.04	2.28	
September ...							9.06	5.05	2.73	8.31	
October.....							1.87	4.07	4.24	3.01	
November.....							6.52	1.53	3.34	5.03	
December.....							5.63	3.63	8.95	5.05	
TOTALS							49.11	36.93	40.52	44.20	

C C C C

RAINFALL AT Carnforth Yealand Conyers

Lat. _____

Lon. _____

County of Lancashire

Kent. 3

Rain Gauge, by _____

Observer W. O. Roper Esq

Diameter									5		
Height									10		
Altitude									250		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									# 4.69	5.14	
February									3.47	2.64	
March									1.36	1.72	
April									3.33	3.97	
May									1.93	3.03	
June									2.92	2.02	
July .....									.86	3.07	
August									7.12	1.81	
September....									2.02	5.56	
October									4.25	3.63	
November									4.35	3.50	
December									4.58	2.96	
TOTALS . . .									40.88	39.06	

N.B. Rejected from survey as 3' Low.

RAINFALL AT

Carnforth Yealand Conyers
 Lat. Lon. County of *Lancashire North*
 Rain Gauge, by Observer *W. O. Roper Esq*
W. E. Roper Esq

Kent 3

Diameter ..	5										
Height	10										
Altitude ..	250							260	250		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.12	2.65	2.66	4.35	4.85	2.39	5.29	2.13	4.49	2.38	3.631
February ..	3.16	1.32	1.15	4.33	3.91	2.21	2.72	2.01	2.24	2.41	2.546
March ....	.55	3.45	2.57	4.74	3.21	2.66	4.06	4.05	3.25	2.82	3.136
April	2.80	2.17	1.55	1.79	4.27	3.56	1.54	1.59	2.23	3.54	2.504
May	3.05	1.24	2.87	3.14	3.70	1.69	6.01	4.22	3.11	2.03	3.106
June	3.04	2.07	1.10	2.29	1.78	3.10	3.41	7.42	2.74	2.06	2.901
July	2.75	1.54	4.21	5.18	2.62	1.99	2.75	4.24	3.28	6.88	3.544
August	6.23	3.36	3.38	8.12	3.39	6.22	4.94	4.89	4.17	5.28	4.998
September ..	2.69	1.55	1.70	7.79	3.01	4.23	1.47	7.9	5.25	3.63	3.511
October	7.86	5.40	4.59	10.71	2.98	2.91	6.56	4.69	2.68	6.77	5.515
November ..	4.27	4.94	3.02	3.70	3.49	4.01	3.50	3.94	3.70	2.18	3.675
December ..	6.35	4.60	3.51	3.43	3.88	1.43	3.03	5.04	2.82	7.44	4.153
TOTALS ..	47.87	34.29	32.31	59.57	41.09	36.40	45.28	45.01	39.96	47.42	42.920

1903 Yealand Church 500 yards N
 Carnforth Station 2 1/2 miles S.E.
 Trees 30 ft high 40 ft S

N.B. Rejected from Survey as 3" too low.