

RAINFALL AT Bowdon The Beeches
Cheshire

Observer J. Sidebotham Roy

Gauge } 9

Gauge (Diameter.....8.....in. H

Height above Ground, ft. 5. in.

Above Mean Sea Level 165 ft.

Upper Mersey - I.

RAINFALL AT Bowdon Wilton Villa Station

70

Lat.
 Lon.
 County of Cheshire
 Rain Gauge, by Observer R. Swindells

Upper Mersey - 1.

Diameter.....										·8
Height.....										1·3
Altitude.....										218
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879
										MEANS.
January.....										
February.....										
March.....										
April										
May.....										
June										
July.....										4·18
August										5·16
September.....										3·13
October.....										1·54
November....										·83
December										1·59
TOTALS										

1879 Gauge moved from Groby Road

Bushes 6ft to 12ft high 9yds to 12yds E.N.W.

Bowdon 120 yds S.

RAINFALL AT Bowdon The Beeches

70

Lat.

Long.

County of Cheshire

Rain Gauge, by

Observer J. E. Sibetham Esq.

Upper manometer.

Diameter	8										
Height	3										
Altitude	165 ft										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	2.55	1.15	4.53	2.68	2.85	3.88	1.49	4.49	3.44	.88	
February67	3.06	2.95	.67	1.37	.82	3.67	4.15	1.30	3.85	
March	2.22	1.23	2.93	3.18	2.35	.60	3.09	1.98	1.62	1.39	
April	1.70	2.77	2.60	.61	1.17	.71	2.77	2.11	1.49	2.86	
May34	2.09	1.64	1.86	2.14	1.87	1.42	2.99	3.22	2.06	#
June	1.35	2.84	6.38	1.95	1.10	3.08	2.76	2.49	2.96		
July81	3.51	7.31	4.49	2.13	6.14	2.55	6.59	.69		
August	1.60	1.56	2.77	4.29	3.77	2.99	2.48	4.60	4.76		
September	2.13	4.68	5.78	2.15	2.70	4.20	5.10	1.80	3.44		
October	6.77	4.17	5.17	3.62	4.15	5.02	2.22	3.65	4.24		
November	2.15	1.57	3.84	2.53	4.27	3.50	3.46	5.34	1.07		
December	2.46	1.73	3.54	.77	2.98	1.26	4.39	3.08	2.63		
TOTALS	24.75	30.86	49.44	28.80	30.98	34.07	35.40	43.27	30.86		

1879 Gauge moved to Ellesden Bowdon

70

RAINFALL AT Bowdon Eylesden
 Lat. _____ Lon. _____ County of Cheshire
 Rain Gauge, by Observer J. Sidebotham Esq
 Upper nursery - 1.

Diameter.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February.....											
March.....											
April.....											
May.....											
June.....											
July.....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS											

1879 Gauge moved from Bowdon the Beeches

Shrub 12ft high 25ft S.S.E
 no other object near the gauge which stands
 on a lawn

St Marys church Bowdon 560 yds S.E. of E

RAINFALL AT Altrincham Grosby Road

10

Lat.

Long.

County of Cheshire

Rain Gauge, by

Observer R. Surndells Esq.

Upper Mersey - 1.

Diameter8	
Height										1.3	
Altitude										185	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January										1.50	1.59
February										1.36	3.08
March										1.34	1.43
April										1.40	2.67
May										2.94	2.31
June										2.64	2.55
July										86	
August										4.77	
September										3.78	
October										3.62	
November										2.16	
December										2.45	
TOTALS										28.82	

1879 Observer moved to Bowdon Wilton Villa
 $\frac{1}{2}$ mile distant

RAINFALL AT Bowdon The Firs

80

Lat.

Long.

County of

Cheshire

Snowdon Rain Gauge, by

Observer R. Swindells, Esq., C.E.

Upper Mersey - 1.

Diameter	5									
Height	0.8									
Altitude	215 ft									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889
										MEANS.
January	#	31	2.28	3.85	3.14	1.91	4.56	2.46	1.46	1.05
February	4.38	2.34	1.74	2.11	2.39	.68	.61	.87	2.89	
March	3.38	1.69	1.13	2.36	2.01	2.10	1.73	1.64	1.88	
April	1.19	3.11	1.75	.98	1.19	1.74	1.35	1.41	2.29	
May	3.54	1.32	.88	1.57	2.27	6.47	2.16	.52	3.23	
June	2.11	6.00	3.59	1.26	2.93	1.68	1.20	2.67	.58	
July	3.11	5.02	2.83	3.11	1.74	4.10	.94	5.02	3.09	
August	4.95	3.08	2.27	1.74	1.53	1.68	1.39	3.07	6.09	
September....	2.16	1.86	4.67	2.92	4.29	4.58	3.51	4.09	2.61	
October	2.90	3.36	5.24	1.86	5.80	5.53	2.44	1.31	2.63	
November....	3.22	5.55	3.28	1.90	2.85	2.25	1.08	4.79	1.94	
December....	4.28	4.46	2.30	3.13	1.84	4.05	2.39	2.11	2.31	
TOTALS	35.53	40.07	33.53	26.02	30.18	39.42	21.26	25.96	30.59	

Bowdon 130 yards S

Bushes 125 high 30° 45° NW

RAINFALL AT Bowdon The Firs

80

Lat.

Long.

County of Chester

Rain Gauge, by

Observer R. Swindells, Esq., C.E.

Upper Merey - 1.

Diameter	8										
Height	1.	3									
Altitude	218	ft									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,
January	63	26									
February	2.06	4.04									
March	2.09	3.23									
April	.93	1.15									
May	2.30	3.51									
June	3.00	1.92									
July	5.07	(3.05)									
August	2.18	4.81									
September	3.89	1.98									
October	2.99	(2.62)									
November	3.32	(2.85)									
December	5.31	(4.44)									
TOTALS	33.77	(33.86)									

1880. Bowdon 120 yards S.

1881 July Oct^r & Nov^r doubtful

1882 Record imperfect

RAINFALL AT Bowdon, Cheshire**80**

Lat.

Lon.

County of Cheshire

Rain Gauge, by

Observer, J. Sidebotham, Esq.

Upper Mersey - 1.

Diameter	8									
Height	6			9						
Altitude	211 $\frac{1}{2}$									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	MEANS.
January69	.31	2.24	3.91	2.93					
February	2.09	4.39	2.45	1.66	1.69					
March	2.09	3.37	1.32	1.14	2.19					
April77	1.12	3.72	1.66	.97					
May	2.45	3.52	.82	.80	1.50					
June	3.16	2.06	5.84	3.47	1.19					
July	5.14	3.52	4.86	2.57	2.46					
August	2.31	4.22	2.80	2.12	1.50					
September....	3.75	2.10	2.98	4.49	2.90					
October.....	3.34	2.81	3.40	5.11	1.78					
November....	2.74	2.66	4.08	3.18	2.23					
December	5.32	4.73	5.36	2.07	2.57					
TOTALS	33.85	34.81	39.87	32.08	23.91					

1880. St. Mary's, Bowdon

 $\frac{1}{2}$ mile
500 yards S.E.

RAINFALL AT Bowdon (Elesden)

80

Lat.

Lon.

County of Cheshire

Rain Gauge, by

Observer J. Sidebotham Esq.

Upper Mersey - I.

Diameter					5						
Height											
Altitude				211							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS					32.34						

RAINFALL AT Bowdon The Firs

Lat.

Lom.

County of

Cheshire

Rain Gauge, by

Observer R. Swindell Esq C.E.

u. mercury - 1.

Diameter	5"											
Height	0.8			1.0								
Altitude	215 m											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.44	2.13	3.20	1.21	2.01	2.78	1.20	1.48	1.72	3.13	2.230	
February55	.18	1.71	2.95	3.75	.22	1.86	2.67	1.83	1.00	1.672	
March	2.51	1.71	1.09	.52	2.41	2.77	3.89	2.54	.64	1.56	1.961	
April99	2.12	1.63	.68	1.55	2.33	1.48	2.40	1.72	2.55	1.745	
May	2.16	2.43	2.65	2.16	1.83	.60	.66	1.92	3.78	2.52	2.071	
June	3.22	2.18	3.82	1.90	2.70	2.37	2.43	4.20	3.14			
July	2.28	2.51	3.43	3.42	2.87	4.60	1.84	1.76	.50	3.41	5.268	
August	3.68	4.49	4.02	2.17	4.20	2.71	2.56	2.90	5.01	1.48	3.322	
September90	2.79	3.28	3.79	1.13	1.44	5.30	4.10	.76	4.40	2.789	
October	2.04	3.68	3.51	2.67	3.39	2.73	3.81	1.90	3.99	3.40	2.112	
November	5.45	2.21	2.25	1.63	1.94	3.22	1.45	4.72	2.20	1.28	2.635	
December44	4.86	1.92	3.52	2.65	2.80	4.03	4.00	2.92	3.18	3.082	
TOTALS	2766	31.29	32.51	26.62	30.43	28.57	30.51	34.59	28.21	27.91	29.830	

1890 Bowdon Church 135 yards S
 Bushes 20 ft high 30 ft 45 ft N.W.

RAINFALL AT Bowdon Erlesdene

Lat.

Long.

County of Cheshire

Snowdon Rain Gauge, by

Observer E. J. Sidebotham Esq.

W. Murray - 1.

M.L.

Diameter											
Height	1 - 0										
Altitude	211 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					1.99	2.66	1.17	1.37	1.70	3.23	
February					3.73	.22	1.76	2.71	1.83	1.00	
March					2.84	2.84	3.79	2.50	.65	1.54	
April					1.70	2.11	1.55	2.39	1.72	2.53	
May					1.92	1.76	.66	.64	1.92	3.77	2.55
June					1.81	2.60	2.15	2.41	4.23	3.28	1.89
July					3.26	2.90	4.36	1.88	1.73	.54	1.57
August					2.13	3.90	2.70	2.43	2.88	4.94	1.46
September....					3.72	1.11	1.44	4.98	3.98	.72	4.28
October.....					2.61	3.24	3.18	3.83	1.88	3.97	3.40
November....					1.56	1.96	3.16	1.46	4.29	2.07	1.18
December					3.48	2.57	2.69	3.98	3.72	2.72	2.70
TOTALS . . .					29.80	28.17	29.88	33.60	27.91	27.33	

Bowdon Church 280 yards S.E. G. 58 inches S of the daily g.

RAINFALL AT Bowdon Cheshire

Lat.

Long.

County of

Cheshire

Mr. Mercury - 1.
Rain Gauge, by E. J. Sidebottom Esq

Diameter	5											
Height	10											
Altitude	211											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.08	2.38	1.26	1.78	2.31	1.03	1.24	1.32	2.41			
February	.17	1.59	2.14	2.64	.25	1.41	2.14	1.55	.73			
March	1.42	.97	.46	1.83	2.31	3.28	2.00	.58	1.34			
April	2.23	1.15	.55	1.65	1.66	1.48	2.02	1.26	2.19			
May	2.76	2.23	1.92	1.55	.65	.60	1.70	3.21	2.41			
June	2.16	3.33	1.53	2.36	2.07	2.10	3.57	3.02	1.84			
July	2.48	3.04	2.97	2.62	4.04	1.76	1.55	.53	1.53			
August	4.08	3.80	2.00	3.50	2.48	2.36	2.61	4.34	1.44			
September	.81	2.74	2.80	3.47	1.02	1.43	3.99	3.56	.67	4.29		
October	1.90	3.22	2.37	2.24	2.94	2.68	3.29	1.62	3.35	2.73		
November	4.44	2.10	1.96	1.29	1.64	2.69	1.40	3.70	1.32	.94		
December	.45	3.69	1.64	2.56	1.96	2.14	2.73	2.97	2.10	2.57		
TOTALS	29.13	28.26	22.39	25.49	24.71	25.43	28.68	23.25	24.42			

1890 Bowdon Church 300 yards E

1894-5 Considerable correspondence failed to suggest any error in the gauges or other reason for the great discrepancy between this gauge & the Snowdon

RAINFALL AT Bowdon Estesdene

Lat.

Long.

County of

Cheshire

Rain Gauge, by

U. Mercury - 1. New Daily

Observer

E. J. Gidderthorpe Esq

Diameter										5
Height										1.0
Altitude										211
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
January										MEANS.
February										
March										
April										2.50
May										2.58
June										1.89
July										1.59
August										1.45
September										4.38
October										2.91
November										1.19
December										2.75
TOTALS										

Gauge placed 8 m E of No 1

RAINFALL AT Bowdon Erlestane

Lat.

Lon.

County of Cheshire

Rain Gauge, by

Observer E. J. Liddleham Esq.

W. Merey - 1. M.

Diameter ..	5									
Height ..	1. 0									
Altitude ..	211 ft									
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..	3.84	1.98								
February ..	3.21	1.35								
March ..	.80	1.80								
April ..	1.61	2.05								
May ..	1.96	.71								
June ..	3.12	1.94								
July ..	2.24	4.78								
August ..	4.96	2.02								
September ..	.94	.79								
October ..	3.98	2.79								
November ..	1.98	3.39								
December ..	3.90	3.68								
TOTALS ..	32.54	27.28	No Reply							

1900 Bowdon Church 280 yards S E

RAINFALL AT Bowdon Erdalene No.1

Lat. Lon. County of Cheshire

Rain Gauge, by Observer E. Gladstone Esq.

K. Mercury - 1.

Diameter ..	5										
Height	1.0										
Altitude ..	211 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.99	1.87									
February ..	2.94	1.32									
March79	1.78									
April.....	1.29	2.01									
May	1.84	.75									
June.....	2.95	1.97									
July	2.05	4.68									
August	4.82	2.01									
September..	.91	.79									
October....	3.69	2.74									
November ..	1.73	3.19									
December ..	3.63	3.53									
TOTALS ..	29.63	26.64	No Reply								

1901 Bowdon Church 280 yards SE

RAINFALL AT Bowdon Elsecarne

N. 2

Lat.

Lxx.

County of

Cheshire

Rain Gauge, by

Observer E. J. Sidebottom Esq.

M. Mervay / Daily