

Bramford Speke
Exeter

W H Gamlen

Exe -- 6⁵ in + Ground 3 in + Sea Level 140 ft

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						3.81	5.55	5.60	4.20	5.26	
February - -						4.77	3.99	2.54	1.98	2.40	
March - - -						1.79	4.40	5.84	2.13	2.44	
April - - -						1.06	2.36	2.88	2.24	1.05	
May - - - -						3.24	1.82	4.04	1.13	5.59	
June - - - -						.69	1.62	1.26	.69	.60	
July - - - -						3.03	.90	4.18	1.02	.50	
August - - -						3.96	2.42	1.02	4.59	.60	
September -						.03	7.30	1.89	4.30	5.04	
October - -						4.75	3.10	3.20	2.73	2.96	
November -						3.95	1.99	.72	3.58	3.45	
December -						4.40	3.06	2.38	7.03	4.50	
TOTALS -						35.56	38.57	35.55	35.62	34.39	

Apps of wind since the 8th Nov. show 0.1 less
fall in each inch measured than the 8th in one
which is believe to be fairly accurate, both are in
the g^d. but not in a very open situation as to the
S & W sides

RAINFALL AT

Bramford StokeExeter

Observer

W. E. Hamlen Esq.Monthly

Rain

{ By

Gauge

Diameter, 2 in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Exe -- 6

YEAR.....							1866	1867	1868	1869	MEANS.
January.....							6 10	5.96	4.16	5.51	
February.....							4.45	2.65	1.97	2.49	
March.....							4.65	6.00	2.14	2.54	
April.....							1.89	2.97	2.29	1.04	
May.....							1.68	4.06	1.06	5.75	
June.....							1.90	1.23	.64	.56	
July.....							.75	4.25	.96	.45	
August.....							2.31	1.02	4.52	.55	
September.....							7.23	1.77	4.25	5.08	
October.....							3.31	3.20	2.74	3.04	
November.....							1.96	.77	3.67	3.33	
December.....							3.37	2.49	6.99	4.73	
TOTALS.....							40.18	36.37	35.39	33.07	

c c c c

1866 - Suspect a good deal of windfall, in Jan. & Feb. especially. W.H.G.

RAINFALL AT *Exeter Bramford Speke*Lat..... Lon..... County of *Devon*.....Rain Gauge, by..... Observer *W H Gardner Esq*.....

Exe - 6

Diameter .....	. 5										
Height	1. 0										
Altitude	140.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.44	3.49	6.40	5.44	3.58	5.00	.70	5.62	1.87	4.44	3.898
February	2.66	2.29	4.73	2.83	3.39	2.66	3.63	2.02	1.62	4.53	3.036
March	1.81	1.20	3.05	3.62	57	1.19	4.47	3.30	1.71	.63	2.155
April.....	.34	4.94	2.75	1.40	1.95	1.60	2.96	6.49	3.39	3.66	2.948
May	1.44	.17	2.23	1.48	.76	2.63	.35	2.85	4.10	2.82	1.883
June.....	.20	2.31	3.11	1.21	1.99	3.14	1.01	.83	3.98	6.03	2.381
July .....	.76	4.83	3.94	2.07	1.81	3.69	.85	3.31	1.86	3.86	2.698
August.....	1.22	1.16	1.69	5.27	3.21	2.25	2.75	3.55	3.90	4.34	2.994
September.....	1.66	5.57	2.93	2.11	6.25	3.94	7.03	1.77	2.35	3.39	3.700
October.....	4.56	4.36	4.67	2.26	5.50	3.29	4.31	1.68	4.55	1.23	4.141
November.....	2.75	1.55	5.08	4.60	3.40	5.81	4.83	6.13	2.81	.20	3.716
December.....	2.22	2.37	7.07	.49	5.26	.82	10.51	2.16	3.11	1.00	3.501
TOTALS	22.06	34.24	47.65	32.78	37.67	41.62	43.40	39.71	35.25	36.13	37.057

1870 On July 17th the temp did not vary remaining at 32° during the whole 24 hours
 1876 Gauge slightly sheltered on N. & N.W.

RAINFALL AT *Exeter Bramford Speke*Lat..... Lon..... County of *Devon*.....Rain Gauge, by..... Observer *N. H. Gamlen Esq.***Exe -- 6**

Diameter .....	.8											
Height	3											
Altitude	140											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.57	3.63	6.58	5.55	3.52	5.10	.72	5.65	1.75	4.62		
February	2.64	2.43	4.85	2.83	3.48	2.65	3.69	1.95	1.59	4.48		
March	1.86	1.18	3.13	3.61	.45	1.19	4.48	3.19	1.75	.53		
April.....	.29	5.00	2.68	1.36	1.94	1.56	2.92	6.46	3.26	3.51		
May	1.44	.14	2.27	1.49	.72	2.55	.34	2.76	3.93	2.67		
June.....	.18	2.32	3.07	1.19	1.98	3.06	1.01	.77	3.81	5.89		
July .....	.68	4.79	3.89	2.05	1.77	3.75	.79	3.25	1.78	3.65		
August.....	1.14	1.16	1.58	5.29	3.14	2.78	2.72	3.40	3.69	4.14		
September.....	1.57	5.53	2.86	2.54	6.15	3.91	7.03	1.67	2.21	3.30		
October.....	4.66	4.37	4.63	2.20	5.43	2.43	4.22	1.51	4.33	1.09		
November.....	2.78	1.54	5.19	4.62	3.44	5.86	4.83	5.98	2.72	.15		
December.....	2.28	2.33	7.09	.46		.86	10.25	2.02	3.09	.99		
TOTALS	22.29	34.42	47.82	(33.19)		41.70	43.00	38.61	33.91	35.02		

C C C

Read Monthly

* 1873 Gauge having overflowed amount was taken from 5 in. daily gauge

1874 Gauge overflowed on the 1st of Jan /75 so that Decembers observations were nullified

RAINFALL AT Exeter Brampford Speke

70

Lat.

Lon.

County of Devon

Rain Gauge, by

Observer W. H. Gamlen Esq

Exe -- 6

Monthly

Diameter...								5			
Height...								1			
Altitude...								140			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January								5.27	1.71	4.39	
February								1.83	1.52	4.28	
March								3.17	1.61	.50	
April								6.18	3.14	3.36	
May								2.63	3.70	2.54	
June								.73	3.70	5.50	
July								3.13	1.72	3.52	
August								3.30	3.59	4.04	
September								1.69	2.21	3.20	
October								1.47	4.17	1.08	
November								5.70	2.63	.16	
December								1.95	3.46	.96	
TOTALS								37.05	33.16	33.53	

RAINFALL AT Bramford Spoke, Exeter

80

Lat.

Lon.

County of

Dorset

Rain Gauge, by

Observer

W. A. Gamble, Esq.

Exe - 6

Diameter	5											
Height	1.0											
Altitude	140 T									113 T		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.01	2.53	1.83	3.05	3.48	2.60	5.35	2.89	1.53	.74	2.501	
February	4.14	4.69	2.02	6.87	4.52	4.41	1.68	.23	.75	2.81	3.212	
March	2.43	3.16	1.10	1.30	3.08	1.84	2.78	1.48	4.10	3.16	2.443	
April	2.05	1.21	5.16	1.32	2.06	3.95	1.96	1.01	1.39	1.63	2.174	
May	1.13	.69	1.81	1.38	1.41	2.90	3.79	1.46	1.24	2.85	1.866	
June	2.00	3.06	3.61	2.02	2.40	1.90	.56	.06	3.18	.18	1.897	
July	4.80	2.04	3.35	4.58	3.03	.61	2.32	.77	6.91	3.13	3.154	
August	1.56	3.67	2.91	1.67	1.75	2.52	1.80	1.52	2.43	3.08	2.291	
September	3.62	2.01	3.81	5.76	1.72	4.75	2.21	2.77	.83	1.32	2.880	
October	5.35	3.20	6.55	3.92	.87	5.95	6.25	4.11	1.45	4.73	4.238	
November	2.82	3.54	4.96	3.54	1.97	3.56	2.82	4.16	8.79	1.28	3.694	
December	4.12	3.15	4.77	1.25	3.81	2.01	5.54	3.03	3.29	2.03	3.300	
TOTALS	31.53	32.95	41.88	36.66	30.40	37.00	37.06	23.49	35.89	26.94	33.650	

1880. Bramford Spoke 150 yards S.W.E.

Cypress 20ft high 14ft N

Cedar 20ft " 16ft SE

Thuja 14ft " 22ft NW

RAINFALL AT *Exeter Bramford*

80

Lat.

Lon.

County of *Devon*

Rain Gauge, by

Observer *W. H. Gamber, Esq.*

Exe -- 6

Diameter	5										
Height	1.0										
Altitude	1403										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	97	2.20	1.57	2.60	3.20						
February	3.83	4.20	1.77	6.41	4.21						
March	2.30	3.12	89?	1.16	2.80						
April	1.94	1.09	4.65	1.10	1.95						
May	97	64	1.68	1.20	1.13						
June	1.75	2.96	3.84	4.68	2.34						
July	4.47	1.94	2.97	4.29	2.62						
August	1.45	3.50	2.64	1.47	1.58						
September	3.42	1.84	3.48	5.33	1.48						
October	5.17	3.10	6.11	3.63	70						
November	2.21	3.21	4.56	3.10	1.71						
December	3.98	2.93	4.33	.98	3.63	4					
TOTALS	32.46	30.73	38.49?		27.35						

1880 Bramford Speke 150 yards SE
 Cypress 20ft 12ft NW
 Salisbury 5ft 8ft SE
 1883 June gauge choked.

RAINFALL AT *Brampford Speke, Essex*

80

Lat.

Lon.

County of *Dorset*

Rain Gauge, by

Observer *W. A. Gamble, Esq*

Exe -- 6

Diameter	8										
Height	3										
Altitude	140 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.08	2.70	1.68	2.97	3.42	2.52	5.41	2.53	1.47	.68	
February	4.27	4.87	2.00	6.80	4.58	3.91		.20	.68	2.47	
March	2.50	3.35	1.10	1.24	3.09	1.74	2.67	1.48		3.10	
April	2.02	1.19	4.84	1.20	2.04	3.90	1.81	.91	1.31	1.47	
May	1.04	.68	1.77	1.28	1.36	2.76	3.76	1.30			
June	1.88	3.13	3.51	1.91	2.32	1.78	.44	.00		.11	
July	4.60	2.08	3.20	4.31	2.91	.48	1.94	.65		2.97	
August	1.47	3.61	2.74	1.59	1.68	2.37	1.74		2.24	2.81	
September	3.24	1.98	3.61	5.63	1.56	4.34		2.62	.76		
October	5.37	3.24	6.36	3.81	.79	5.43	6.27	3.96	1.35		
November	2.39	3.49	4.80	3.36	1.88	3.52	2.61	4.00	8.40	1.27	
December	4.32	3.06	4.77	1.14	3.49	1.94	5.39		3.20	1.94	
TOTALS ...	34.18	33.88	40.38	35.24	29.12	34.69					

1880. *Brampford Speke* 150 yards S.E.

Cypress 20ft high 8ft W

Cedar 20ft " 35ft S

Thuja 14ft " 34ft SW

1882

Yucca 3ft " 10ft S

RAINFALL AT Exeter Bampfford Speke

Lat. _____

Lon. _____

County of Devon

Rain Gauge, by _____

Observer Miss Gamlin

File -- 6 Old Gauge

Diameter	5											
Height	1.0											
Altitude	113 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.74	2.15	3.30									
February	1.46	.09	3.22									
March	1.73	2.32	70									
April	3.80	1.95	1.28									
May	2.86	2.51	67									
June	2.61	1.62	1.30									
July	2.50	2.63	1.98									
August	3.01	5.34	3.06									
September....	.91	2.27	1.71									
October	1.72	7.58	4.84									
November....	3.26	4.25	2.81									
December	2.92	4.19	1.67									
TOTALS . . .	30.52	36.90										

1890 St Peter's Bampfford Speke 150 yards SE

1891 Gauge in same position in front of house for
27 years.

RAINFALL AT Exeter Bramford Speke

Lat. _____

Lon. _____

County of Devon

new gauge

Rain Gauge, by _____

Observer Miss Jamieson

Exe -- 6

Diameter	5											
Height	1 0											
Altitude	113 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	# 3.64	2.09	3.30	2.81	3.34	5.70	.80					
February	1.46	.08	3.22	4.59	1.63	.06	.47					
March	1.73	2.32	.70	.41	1.55	2.48	3.85					
April	3.76	1.86	1.28	.42	2.50	2.16	.70					
May	2.80	2.51	.67	1.87	2.77	.90	.07					
June	2.56	1.59	1.30	.72	1.95	1.40	2.22					
July	(2.11)	2.60	1.98	4.58	5.02	2.79	1.21					
August	2.93	5.30	3.06	1.45	3.40	2.77	2.53					
September....	.88	2.20	1.71	1.20	2.35	.78	#					
October	1.68	7.45	4.84	2.50	4.54	5.46						
November....	3.19	4.24	2.81	2.53	5.79	6.95						
December	2.88	4.12	1.67	3.56	2.66	4.29						
TOTALS	29.92	36.36	26.54	26.65	37.50	35.74	25.74	36.45	21.55	31.78	31.42	

Bramford Speke Station
Mr. A. Tucker

1890 St. Peters Bramford Speke 150 yards SE

1890 July 18th. Tube choked; water standing in funnel.

" " " taken from monthly g.

1896-1899 - Bramford Speke station.

RAINFALL AT Exeter Bramford Speke

Lat. _____

Lon. _____

County of Devon

Rain Gauge, by _____

Observer Miss Gamlen

Exo -- 6

Monthly

Diameter	8	8									
Height	1 ⁱⁿ										
Altitude	113										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.58	2.20	3.20	2.99	3.61	6.52	.85				
February	1.47	.04	3.33	4.74	1.70	.07	.48				
March	1.61	2.16	.42	.39	1.62	2.60	3.87				
April	3.76	1.94	1.24	.32	2.55	2.16	.69				
May		2.49	.62	1.77	2.63	.85	.05				
June	2.48	1.59	1.28	.62	2.22	1.39	2.05				
July	2.41	2.43	1.92	4.50	4.92	2.46	1.15				
August	2.76	5.19	3.04	1.36	3.26	2.77	2.26				
September...	.84	2.09	1.75	1.12	2.29	.73					
October	1.55	7.71	4.88	2.37	4.61	5.36					
November		4.14	2.90	(2.50)	5.76	7.12					
December	2.90	3.99	1.69	3.73	2.72	4.36					
TOTALS		35.97	26.27	(26.41)	37.89	36.39					

1890 August Funnel stopped

1891 " " "

1893 Nov. Tampered with amount computed

Gauge near old 5 in. daily gauge

1894 St Peter's Ch 150 yards S.E.

RAINFALL AT

Exeter Rampford Speke Station

Lat. _____

Lon. _____

County of _____

Devon

Exe -- 6

Rain Gauge, by _____

Observer _____

W A Tucker

Diameter							5				
Height							1	0			
Altitude							83				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							<i>#</i> .80	2.73	.66	5.04	
February ....							.47	3.35	1.98	4.39	
March							3.85	4.47	2.07	.26	
April .....							.70	3.83	2.15	2.77	
May .....							.07	1.44	3.34	2.14	
June							2.09	2.93	1.30	1.72	
July							1.08	1.11	1.32	.92	
August							2.76	4.30	2.54	2.30	
September....							4.61	4.04	.89	2.63	
October							2.53	1.46	5.20	1.83	
November ....							.93	1.61	3.05	2.97	
December							5.85	5.18	3.05	4.81	
TOTALS							25.74	36.45	27.55	31.78	

1897 Rampford Speke Church 1/4 mile S.W.

Station 20 ft high 240 ft N S.W.

RAINFALL AT *Easter Bramford Spoke Station*

Lat. Lon. County of *Devon*
Rain Gauge, by *Hick* Observer *Mr A Tucker*

Exc-6

Diameter ..	5										
Height	10										
Altitude ..	83										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.13	3.48	1.39	3.24	3.88	1.37	5.39	1.21	.76	1.50	2.635
February ..	4.51	1.34	2.07	1.92	5.79	1.25	3.14	1.31	1.56	.32	2.321
March	1.58	2.51	2.18	3.04	1.81	3.70	1.69	.58	3.25	5.18	2.552
April	1.48	2.76	1.41	2.48	1.19	1.73	.79	4.83	1.80	2.22	2.069
May	1.83	.87	1.94	2.67	2.38	.31	2.21	2.35	1.63	1.10	1.729
June	2.21	2.83	2.27	2.55	.63	2.63	1.44	2.28	.61	2.46	1.991
July .....	.63	2.63	2.64	3.10	5.51	.28	.63	1.16	1.32	2.18	2.008
August	1.83	1.08	2.59	2.96	1.80	4.11	1.21	1.54	2.47	1.99	2.158
September ..	.66	2.30	2.00	3.41	1.98	1.19	.93	.46	1.73	1.54	1.620
October	2.46	2.13	2.32	6.73	1.51	2.02	3.76	5.78	2.15	4.68	3.354
November ..	4.25	.81	4.07	2.12	2.22	3.64	2.87	2.62	1.12	.62	2.434
December ..	4.38	5.73	2.53	4.05	2.93	1.12	2.17	3.81	2.89 3.39	5.03 5.33	3.544
TOTALS ..	29.95	28.47	27.41	38.27	31.63	23.35	26.23	27.93	21.29 21.79	24.82 29.12	28.415

1900 Bramford Spoke Church $\frac{1}{4}$ mile S.W.
Station 20 ft high 150 ft NE
House 30 ft high 60 ft S
1908 Oct 10 Gauge moved 150 yards S
1908-09. Corrected by sun. stati. I. B.

+ Inspected

RAINFALL at Bramford Speke.County of South Devon Observer Samuel Stevens.River Basin 6

Rain Gauge, by _____

Diameter ...								5"	5		
Height								1'	2.0	1.0	
Altitude ...								130'	100'	170	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...								3.99	4.08	1.55	4.29
February ...								4.01	2.53	1.94	1.71
March								3.31	3.76	.18	2.71
April								1.74	1.50	.62	2.92
May .....								.46	1.40	1.90	1.61
June								1.49	1.75	2.13	.67
July								1.63	1.06	.96	1.42
August								4.33	2.03	2.04	2.97
September...								5.60	1.06	.30	4.25
October								1.44	4.29	5.36	3.60
November...								2.34	2.59	8.12	4.81
December...								3.32	3.10	6.55	4.15
TOTALS...								33.69	29.15	31.65	35.11
								D	D	D	D

1928. Grassfields & trees 7ft high, 10ft away.

1929 Wall 12' high 15' N.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1928.			Bramford Speke	$\frac{1}{2}$ m.		Bramford Speke	$\frac{1}{2}$ m.	

RAINFALL at Bramford SpekeCounty of South DevonshireObserver S. Stevens, Esq. died 1931River Basin Exe - 6E.E. Stevens Esq.Type of Gauge N.O.G.L.G. Stevens (1927)Annual Average 30.4 in. based on 10 years obs. un-weighted. Period of average 1881-1916 Ref. 709679/26.

Diameter	5.										
Height	1.0.										
Altitude	170.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.55	2.43	2.32	2.48	.61	4.60	6.44	3.52	5.85	2.16	32.96
February	2.15	.00	3.82	.26	3.52	3.36	5.75	1.11	1.29	3.97	25.23
March	2.01	1.90	3.30	2.70	1.54	3.89	4.20	.18	1.32	2.06	23.30
April	2.69	2.12	1.60	3.06	3.99	2.68	3.19	.06	2.39	3.30	25.68
May	4.26	2.90	3.20	1.38	2.10	.54	2.50	2.17	.53	1.07	20.65
June	2.81	1.73	2.38	1.92	2.53	2.31	1.04	1.48	2.25	.96	19.41
July	3.21	3.05	2.08	1.58	.47	6.17	1.96	3.28	5.32	2.97	30.09
August	2.87	1.82	1.62	2.71	2.17	.16	2.18	4.61	3.53	.26	21.93
September	1.07	4.14	1.88	2.13	3.50	4.07	2.38	1.53	.66	1.49	22.85
October	.76	6.37	2.55	2.05	4.79	1.30	2.44	3.05	3.78	3.86	31.15
November	5.31	2.08	.77	1.31	5.22	3.07	2.83	4.90	6.64	6.02	38.15
December	1.30	1.96	1.79	9.74	4.91	2.74	3.17	3.98	1.79	3.35	34.73
TOTALS	30.94	30.50	27.31	31.32	35.35	34.89	38.28	29.87	35.55	31.47	325.53

S. Stevens died 1931; brother E.E. Stevens carrying on.

1933 Saw well as a distance of 40 ft. N.

1934

1937 House "Sitten" 40 ft high 28 ft. N.

S.W. & E. grass field.

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
1931			Bramford Speke	450 yds	SE	Bramford Speke	500 yds	SW.

Station No. 1779RAINFALL at Bramford Speke

41

County of South Devonshire Observer Col. C. F. Stevens died 1945.River Basin Ene - 6Type of Gauge M.O.Annual Average 30.4 in. based on 10 years obs. un-weighted. Period of average 1881 - 1915 Ref. 709679/26File No. 709679/26

Diameter	5"											
Height	1' 0"											
Altitude	170'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.97	4.26	7.45									
February	3.15	3.30	1.79									
March	2.88	2.82	1.31									
April	1.14	1.22	1.13									
May	2.80	5.27	2.77									
June	1.54	1.56	1.84									
July	1.00	1.31	2.80									
August	3.30	3.01	2.00									
September	.99	2.84	3.38									
October	1.73	2.34	3.82									
November	2.55	.81	2.79									
December	2.28	4.41	2.95									
TOTALS	28.83 D	29.15 D	34.03 D									

1942 House 25' high 25 yds away NE.
 1943 House 25' high 18 yds SE.

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.
1943			Bt. Speke	500 x	S.E.	Bt. Speke	700 yds	S

BRITISH RAINFALL ORGANIZATION