

RAINFALL AT *Burton Rangemoor* *Stafford*

Observer *W Bennett Esq*

Rain { By.....
Gauge {
Diameter.....*8*.....in.

Height above Ground,....*5*...ft..*6*.....in. Above Mean Sea Level *4.24* ft.

Trent, Left bank - 4.

YEAR.....							1866	1867	1868	1869	MEANS.
January.....							2.14	2.58	1.81	3.03	
February.....							2.11	2.25	2.22	2.56	
March.....							2.04	2.69	3.44	1.93	
April.....							.71	3.61	2.49	1.90	
May.....							1.15	2.06	2.26	4.00	
June... ..							4.43	2.23	.33	1.28	
July.....							3.02	3.95	.35	.60	
August.....							5.54	4.05	4.59	1.93	
September.....							7.21	2.74	2.14	5.38	
October.....							3.19	3.67	3.11	1.49	
November.....							4.34	1.07	1.72	2.53	
December.....							2.40	3.34	7.24	5.15	
TOTALS							38.28	34.24	31.70	31.78	

RAINFALL AT *Burton Rangemore*

70

Lat.

Lon.

County of

Stafford

Rain Gauge, by

Observer

W Bennett Esq

Trent, 6-14.

Diameter.	8										
Height.	5.6										
Altitude.	424 ^T										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	2.09	1.30	4.45	2.06	2.31	2.92	1.85	4.01	2.24	1.48	2.471
February.	1.40	2.08	3.52	.57	2.06	.71	2.61	2.28	.92	2.67	1.882
March	1.60	.74	2.02	2.72	1.26	.50	2.65	1.96	.74	.59	1.478
April	1.15	3.89	2.14	1.53	1.42	.52	2.65	2.71	1.56	2.03	1.960
May .....	.92	2.44	2.23	2.87	1.57	1.50	1.16	2.07	4.08	1.64	2.048
June	2.01	4.03	5.95	3.91	.67	3.44	2.61	2.11	2.73	4.24	3.170
July.	1.83	4.72	4.84	2.40	1.51	4.72	2.02	4.73	.89	2.89	3.055
August	1.85	1.56	4.89	5.24	2.58	2.79	1.78	3.41	6.99	5.46	3.655
September.	1.10	5.24	4.23	1.92	3.21	3.41	3.62	2.08	1.98	3.34	3.013
October	5.79	3.19	6.28	2.12	2.70	6.51	2.15	1.67	3.01	1.42	3.484
November.	2.25	1.23	2.80	2.03	2.38	3.70	3.18	2.63	2.26	.76	2.322
December	2.26	1.37	5.37	.37	.78	.60	3.63	1.95	2.14	.86	1.933
TOTALS	24.25	31.79	48.72	27.74	22.45	31.32	29.91	31.61	29.54	27.38	30.471

RAINFALL AT *Rangemore Burton on Trent*

80

Lat.

Lon.

County of

Stafford

Rain Gauge, by

Observer

W. Bennett

Trent No. 4.

Diameter								8			
Height								5.6			
Altitude								424			
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.35	.37	2.66	2.86	2.50	1.67	3.04	2.24	1.08	.78	1.755
February	1.78	3.37	1.66	2.36	1.53	2.26	.53	.50	.44	1.44	1.587
March .....	.64	2.28	1.70	1.34	1.90	.98	2.65	1.27	1.95	3.48	1.819
April .....	.89	.59	3.73	2.19	1.59	1.72	1.92	1.12	1.53	4.22	1.950
May	1.80	1.37	3.58	1.36	1.26	2.50	5.65	1.40	.44	6.16	2.552
June	2.87	2.34	5.39	3.95	1.67	3.15	1.76	1.52	1.75	.86	2.526
July	6.67	1.54	2.46	3.16	3.07	.29	3.06	1.57	6.06	2.60	3.042
August	1.51	5.01	1.74	1.60	1.78	2.06	1.91	1.92	2.86	3.32	2.371
September....	3.68	1.72	2.30	5.90	3.02	3.24	1.78	2.23	1.36	2.50	2.773
October	4.19	3.09	5.65	2.92	1.45	4.95	3.47	2.24	.51	2.55	3.102
November....	1.65	2.30	4.12	4.36	1.01	3.06	2.21	1.50	3.77	.91	2.489
December	3.47	2.60	5.51	1.65	2.66	.86	3.43	1.73	2.25	2.23	2.639
TOTALS	29.50	26.58	40.50	33.65	23.44	26.74	31.41	19.18	24.00	31.05	28.605

Gauge 70 feet from wall 12 ft high S
 1888 Rangemore Church 400 yards N

RAINFALL AT Burton Rangemoor

Lat. Lon. County of Stafford

Rain Gauge, by Observer J. W. Bennett
Inch. 2-4.

Diameter	5										
Height	5 6										
Altitude	424T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.47	1.99	1.85	1.41	1.53	3.68	1.59	2.00	1.39	2.99	2.090
February ....	.67	.07	1.32	2.73	2.33	.23	.98	3.43	1.20	1.52	1.448
March	1.44	1.35	.82	.46	.97	1.92	2.85	2.60	1.30	1.06	1.477
April	1.04	2.73	.92	.53	1.57	2.29	.97	2.06	1.69	2.47	1.627
May	2.44	2.67	2.33	2.08	2.27	1.33	.32	1.24	3.06	2.64	2.038
June	2.00	3.53	3.15	.95	2.56	2.01	2.00	3.32	1.65	2.08	2.325
July	3.30	1.66	1.96	2.95	2.69	3.29	1.47	.59	1.11	1.95	2.097
August	3.19	3.79	2.11	2.06	2.16	2.41	2.07	4.57	3.05	1.39	2.680
September....	.98	1.84	3.64	2.38	1.14	.29	4.49	2.76	.47	2.78	2.077
October	1.83	4.54	2.64	1.98	2.40	2.75	2.53	1.10	3.18	3.38	2.633
November	4.15	1.80	1.62	1.27	2.12	2.86	1.46	2.35	2.10	1.38	2.111
December ....	.64	3.61	1.73	2.41	2.03	2.54	3.39	2.97	1.98	2.23	2.353
TOTALS	24.15	29.58	24.09	21.21	23.77	25.60	24.12	28.99	22.18	25.87	24.956

1890 Rangemoor 400 yards N

Wall 12ft high 50 ft N

a New Gauge replaced the old one in February

1891 House 18ft high 100 ft S

1890—

Burton Rangemore

Stafford

Mr Bennett

Rain Gauge, by

P P P P P

Hub

1901 Says taking readings at 6 p.m. instead of 9 a.m. in this yr.
1903 Burlington Station 5 1/2 miles N E. 1908

RAINFALL at Burton Rangemore

County of Staffordshire Observer Mr W Bennett Mr H Benson

River Basin Trent-Lep Bank Tributaries 4

Smarden Rain Gauge, by _____

Diameter ...	5										
Height	5.6										
Altitude ...	424 π										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.79	.52	3.77	3.18	1.49	3.12	1.34	2.06	1.65	2.94	
February ...	2.05	1.37	1.26	1.07	1.35	1.40	3.24	1.09	2.00	2.37	
March .....	.31	1.16	2.55	3.96	2.94	.94	4.04	.73	1.36	4.31	
April	2.08	.99	.05	3.28	.81	.87	1.81	.56	1.72	1.37	
May	2.28	.82	2.86	1.88	1.69	1.66	2.23	1.93	2.01	1.15	
June .....	.70	2.94	4.22	1.01	1.77	1.01	1.81	.71	.62	.79	
July	2.96	.50	3.84	.74	3.46	5.84	2.59	.20	3.32	2.32	
August	3.60	1.25	6.77	2.07	1.57	1.46	2.43	5.24	2.30	1.92	
September ..	.45	1.68	1.19	1.98	1.69	.47	1.05	1.16	5.80	1.59	
October ...	2.54	1.97	2.44	3.07	1.94	1.75	3.08	3.99	1.43	3.19	
November ..	5.69	2.00	2.29	2.21	2.97	2.08	2.53	1.58	1.05	1.65	
December ...	4.52	4.32	3.00	1.04	5.75	4.79	1.78	.96	4.53	3.89	
TOTALS ...	28.97	19.52	34.24	25.49	27.43	25.39	27.93	20.21	27.79	27.49	26.46

ob 6 pm
1912 wall 12 ft high 60 ft N
House 18 " 100 " N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	52.48.5 N	1.44.5 W	Burton	6 miles	NE	Rangemore	400 yds	N

RAINFALL at Burton (Rangemore)

County of Staffs. Observer W. H. Baper.

River Basin 4 - Trent L.

Inwooden Rain Gauge, by Cesella

Diameter ...	5										
Height	5.6										
Altitude ...	424										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.23										
February ...	2.07										
March	2.42										
April	5.11										
May	2.87										
June	3.42										
July	3.89										
August	1.35										
September...	2.03										
October	2.41										
November...	1.12										
December...	2.61										
TOTALS...	32.53										

1920. 8 ft. house 12 ft. top off. N.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map.....		Reference No.		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.	52°48'41"	1°44'45"	Burton	6 miles	E.	Rangemore	400 yds.	N.