

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 422 ft.

Flow, left bank 14.

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	2.16	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*

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Lat.

Lon.

County of *Stafford*

Rain Gauge, by

Observer *W Bennett Esq*

Inst. No. 14.

Diameter.	8											
Height.	5.6											
Altitude.	4247											
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	

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RAINFALL AT Rangemore Burton on Trent

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 12ft high S
 1888 Rangemore Church 400 yards N

RAINFALL AT *Burton Rangemoor*

Lat. _____

Lon. _____

County of *Stafford*

Rain Gauge, by _____

Observer *Mr Bennett*

Inst. L-L.

Diameter	5										
Height	5 6										
Altitude	424 ^T										
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	21.2	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

1570

RAINFALL AT *Burton Rangemoor*

Lat.

Lon.

County of *Stafford*

Rain Gauge, by *Mr Bennett*

Observer *Mr Bennett*

Trent *L-14*

Diameter ..	5										
Height	5 6										
Altitude ..	424 T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.69	1.92	1.83	1.77	1.73	.95	3.65	1.05	.92	1.21	1.872
February ..	3.35	1.43	1.38	1.04	3.29	.82	2.61	1.62	1.35	.74	1.763
March ....	.63	1.81	1.41	3.49	1.43	2.57	1.67	1.33	2.63	2.45	1.942
April	1.16	1.87	2.24	1.31	1.59	1.59	.87	1.57	2.94	1.17	1.631
May	1.78	1.35	2.31	3.89	1.59	.33	2.37	3.97	3.08	1.57	2.224
June	3.02	1.61	1.70	1.52	.55	1.52	2.20	3.02	2.36	3.54	2.104
July	3.39	4.41	1.51	2.42	2.10	2.34	1.11	3.92	2.80	3.46	2.746
August	4.70	1.97	4.24	4.75	3.18	4.86	1.12	3.23	2.67	1.67	3.239
September ..	.99	.88	1.91	3.37	1.67	1.70	1.20	.95	2.63	2.66	1.796
October	2.72	2.24	2.54	4.77	1.34	1.33	4.62	5.02	1.26	3.31	2.915
November ..	2.56	1.49	1.71	2.79	1.59	2.66	2.58	3.02	1.53	.44	2.037
December ..	4.23	3.61	1.68	1.55	1.68	.76	2.89	3.15	1.89	4.35	2.582
TOTALS ..	32.22	24.59	24.46	32.67	21.74	21.43	26.89	31.85	26.06	26.60	26.851

1900 Rangemoor Church 400 yards N
House 18 ft high 100 ft S
Well 12 - 60 - N

1901 Sump taking readings at 5 pm. instead of 9 am. in the year
1903 Burton Station 5 1/2 miles NE

RAINFALL at Burton RangemoreCounty of StaffordshireObserver Mr W BennettMr H BensonRiver Basin Trent-Lopham Tributaries 4Snowdon Rain Gauge, by

Diameter ...	5										
Height	5.6										
Altitude ...	424 ft										
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	3.54	.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	26.446

at 6 p.m.
 1912 Wake 12 ft high 60 ft N
 House 150 ft 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 Boston (Rengmore)County of Staffs. Observer W. H. Baper.River Basin 4 - Trent L.Chaudon Rain Gauge, by Lesella

Diameter ...	5										
Height	5.6										
Altitude ...	424										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.23										
February ...	2.07										
March	2.42										
April	5.11										
May	2.87										
June	2.42										
July	3.89										
August	1.35										
September...	2.03										
October	2.41										
November...	1.12										
December...	2.61										
TOTALS...	32.53										

1920. 8 ft. horse 12 ft. 50 ft. off. N.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	52° 48' 4" N	1° 44' 5" W	Boston	6 miles	E.	Rengmore	100 yds.	N.