

RAINFALL AT Chesterfield Hardwick Hall

Lat.

Long.

County of Derbyshire

Rain Gauge, by

Observer E. Wilson

one - ton - 8.

70

Diameter							·8			
Height							1·6			
Altitude							594			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January							1·76	4·05	2·18	1·87
February....							3·29	2·37	1·32	2·11
March.....							3·29	2·61	1·70	1·29
April							2·32	3·06	1·75	3·29
May							·85	2·59	5·66	3·19
June							2·77	2·67	2·78	4·49
July.....							1·01	2·95	·83	3·43
August							1·74	5·49	8·09	3·99
September ..							3·76	3·13	2·08	2·60
October							3·45	2·26	3·65	1·39
November ..							3·82	3·95	2·80	2·05
December ..							6·46	2·58	1·86	1·27
TOTALS ..							34·52	37·71	33·70	30·97

1876 A belt of high trees 50 yds S.W. of gauge
other sides open.

Hault church Stockdale 1 mile N.

RAINFALL AT Chesterfield, Hardwick Hall

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer McWilson

over - 40m - 8.

Diameter	8										
Height	1. 6		2.	2.6							
Altitude	594 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January61	.49	2.67	3.43	3.38	2.28	4.17	2.58	.66	1.64	2.191
February	2.56	4.32	1.50	3.49	3.01	3.31	.99	.79	1.98	1.94	2.589
March	1.61	3.46	2.80	1.54	2.03	1.34	2.89	1.65	3.40	4.38	2.510
April	2.64	1.25	3.16	3.04	2.76	1.97	1.92	1.62	2.22	3.45	2.403
May	1.85	2.17	2.46	1.83	.92	2.45	6.93	2.37	.88	4.78	2.664
June	5.44	1.85	3.38	4.97	1.38	3.27	1.60	.47	2.75	.69	2.575
July	5.95	1.54	3.57	2.62	3.44	.57	2.81	2.16	5.42	2.77	3.084
August	2.80	5.46	2.13	1.26	.79	2.38	2.16	1.81	2.93	2.65	2.437
September....	4.46	3.01	2.76	5.40	2.16	2.45	1.28	3.26	.95	2.51	2.824
October.....	6.80	1.29	6.54	3.51	1.22	6.02	5.47	2.43	.73	5.00	3.901
November....	3.20	1.72	4.44	7.265	1.08	2.60	2.23	2.70	5.93	1.33	2.791
December	3.71	2.87	6.14	2.04	2.78	.95	4.59	2.63	2.10	2.32	3.013
TOTALS	41.63	29.43	41.53	35.78	25.00	29.53	37.04	24.47	29.95	33.46	32.782

1880. Haulf-Hucknall 1 mile N.
Trees 50ft high 50ft SW.

RAINFALL AT Chesterfield Hardwick Hall

Lat.

Long.

County of Derby

Rain Gauge, by

Observer

Mr Wilson

Base - Box - 8.

Diameter	8										
Height	1	6	2	6							
Altitude	594T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.40	2.04	1.79	1.66	2.47	4.07	.99	2.93	.58	4.18	2.611
February	1.02	.19	2.29	3.47	2.49	.55	.83	3.80	1.26	2.10	1.800
March	1.91	1.69	1.54	.81	1.46	2.20	3.17	3.20	1.62	1.38	1.898
April49	2.39	1.15	.54	2.83	2.46	.89	2.08	2.92	2.92	1.867
May	2.98	4.36	2.97	3.39	2.13	.70	.60	1.04	2.63	3.72	2.452
June	1.49	4.25	5.09	2.45	2.44	1.40	4.03	3.23	1.19	1.99	2.456
July	3.32	3.23	2.97	3.78	2.97	4.64	2.50	.61	1.17	2.24	2.743
August	3.02	5.25	2.21	1.74	2.51	1.39	1.98	2.94	3.46	.83	2.532
September....	1.71	2.30	3.36	1.45	.54	1.05	6.04	2.64	.70	3.50	2.929
October.....	1.48	6.51	4.84	1.92	3.67	2.98	4.11	1.13	4.02	3.15	3.281
November....	4.75	4.09	1.61	1.53	2.52	4.11	2.06	2.18	2.90	1.60	2.725
December ...	1.10	5.37	.71	3.41	1.99	3.16	4.89	3.65	2.42	2.86	2.956
TOTALS	27.67	41.67	30.53	26.15	28.02	28.71	32.09	29.43	24.87	30.47	29.961

1891 Hardwick Hall Church 1 mile N 1880 -

RAINFALL AT Hardwick Hall

Lat.

Lon.

County of Derby

Rain Gauge, by

Observer. M. Wilson

June - Day - 8.

Diameter ..	8										
Height	2 6										
Altitude ..	594 ^T										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.95	1.84	1.97	2.64	3.94	.96	3.52	.96	1.32	1.12	2.322
February ..	5.42	1.33	2.12	1.39	6.17	1.32	3.32	2.18	1.75	1.08	2.608
March90	3.09	2.05	4.15	2.68	3.56	1.95	1.75	3.25	2.99	2.637
April.....	1.15	1.37	2.83	1.21	1.88	2.01	.43	2.55	2.18	2.32	1.793
May	1.70	1.30	2.59	4.85	1.13	1.02	2.03	2.62	2.59	1.41	2.124
June	3.81	.98	1.87	1.67	1.03	2.94	2.86	4.46	1.80	4.29	2.571
July	2.58	6.72	1.52	2.90	2.04	2.18	.81	2.94	3.17	3.65	2.881
August	4.85	1.84	3.57	6.77	3.78	3.71	2.03	2.38	3.16	2.77	3.486
September ..	.98	1.23	1.60	3.63	.90	1.68	.81	.69	3.88	2.93	1.783
October	2.23	3.23	3.18	7.54	.93	1.47	7.57	6.34	1.21	4.59	3.829
November ..	3.05	3.46	2.26	2.59	1.84	3.68	4.91	2.65	1.52	.61	2.657
December ..	4.28	5.51	2.87	2.28	2.00	.93	2.66	2.89	2.13	5.81	3.136
TOTALS ..	35.90	31.90	28.43	41.62	28.62	25.46	32.90	32.41	27.46	33.57	31.827

1900 Hucknall Church, 1 mile N

Row Moon Station M.R.
? Routhouse Hardwick Station
Tree 60 ft high 60 yards S W

RAINFALL at Hardwick Hall

County of Derbyshire

Observer Mr Wilson

River Basin Ouse - Don 8

Rain Gauge, by

Diameter ...	8										
Height	2.6									1.6	2.6
Altitude ...	594 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.45	1.22	4.36	4.71	1.27	2.43	1.26	3.45	2.37	3.34	
February ...	3.27	1.31	1.86	1.84	2.27	6.45	4.75	.87	2.28	2.80	
March92	1.51	3.91	4.26	3.30	1.48	6.13	2.97	1.30	6.19	
April	2.36	1.34	.42	3.59	1.13	1.43	1.18		1.96	1.48	
May	2.09	1.76	2.37	2.36	1.69	1.89	2.86	1.97	2.75	1.61	
June	1.88	2.65	4.84	.65	3.36	.76	2.36	2.27	.55	.64	
July	2.49	.17	5.61	1.88	3.35	5.36	1.63	1.53	4.36	3.25	
August	4.17	1.37	6.38	2.03	3.61	3.01	1.65	5.22	2.30	2.88	
September ..	.74	1.71	1.68	2.79	1.06	1.08	1.56	1.04	5.71	3.58	
October ...	2.07	2.29	3.16	3.96	3.35	1.24	3.01	3.90	2.22	3.17	
November ...	4.64	2.51	2.72	2.71	4.35	3.72	1.91	1.03	2.35	2.08	
December ...	5.02	5.47	3.34	1.54	6.99	5.96	2.76	1.99	4.47	5.88	
TOTALS ...	32.10	23.31	41.15	31.32	35.73	34.81	31.06	26.24	32.62	36.90	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Rowthorn & Hardwick M.R.	1 1/4 m	E	St. John	1 m.	

RAINFALL at Hardwick Hall

County of Derbyshire

Observer Mr E. Wilson dies 1926

River Basin Guse - Don S

for Duke of Devonshire

Rain Gauge, by

Diameter ...	8										
Height	2.6										
Altitude ...	594										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.65			1.16	2.03						
February ...	2.87			2.84	(76)						
March	2.75			1.41	1.34						
April	5.56			2.77	(1.83)						
May	3.11			3.43	2.93						
June	2.53			6.6	(2.33)						
July	5.46			3.51	3.72						
August	1.44			2.86	2.73						
September...	1.70			2.92	2.37						
October.....	2.30			1.65	3.30						
November...	1.43			2.69	1.99						
December ...	2.14			3.16	2.47						
TOTALS...	34.94	NR		29.06	27.80						

1923. Feb., April & June corrected by map, observer written lab. ad. to unsatisfactory reason given

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			Rowthorn	1 mi	E	St. Johns	1 mi	