

# 70

## RAINFALL AT *Chesterfield Hardwick Hall*

Lat. .... Lon. .... County of *Derbyshire*  
 Rain Gauge, by ..... Observer. *E. Wilson*

*one - four - 8.*

Diameter....												
Height ....							.8					
Altitude ....							1.6					
							594					
Year ....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January ....							1.76	4.05	2.18	1.87		
February....							3.29	2.37	1.32	2.11		
March .....							3.29	2.61	.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. Hucknall 1 mile N.*

# RAINFALL AT *Charterfield, Hardwick Hall*

80

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_ County of *Derby*

Rain Gauge, by \_\_\_\_\_

Observer *Mr. Wilson*

*one son - 8.*

Diameter ....	8											
Height .....	1.6			2.	2.6							
Altitude ....	<i>594</i> T											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	.61	.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	3.44	3.01	3.31	.99	.79	1.98	1.94	2.389	
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	3.33	4.97	1.38	3.27	1.60	.47	2.75	.69	2.575	
July .....	5.95	1.54	3.57	2.62	3.49	.51	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	4.47	2.65	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. Hault Hucknall 1 mile N.*

*Trees 50ft high 50ft SW.*

# RAINFALL AT *Chesterfield Hardwick Hall*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of *Derby*

Rain Gauge, by \_\_\_\_\_

Observer *W. Wilson*

*Use - on - 8.*

Diameter ....	8											
Height .....	1	6	2	6								
Altitude ....	594 <sup>T</sup>											
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	2.511	
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	
April .....	.49	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	2.450	
June .....	1.49	4.25	5.09	2.45	2.44	1.40	4.03	3.23	1.19	1.99	2.756	
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	2.329	
October .....	1.48	6.51	4.84	1.92	3.67	2.98	4.11	1.13	4.02	3.15	3.381	
November....	4.75	4.09	1.61	1.53	2.52	4.11	2.06	2.18	2.90	1.60	2.735	
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 *Hauell Hucknall Church* 1 mile N 1880 -



# RAINFALL AT *Hardwick Hall*

Lat. ....

Lon. ....

County of *Derby*

Rain Gauge, by .....

Observer *Mr Wilson*

*June 1880 - 8.*

Diameter ..	8										
Height ....	2 6										
Altitude ..	594 <sup>T</sup>										
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
March ....	.90	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	2.34	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	3.38	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

From Moors Station M.R.

Rotherham & Hardwick Station

Here 60 ft high 60 yards

5 W

*Heb*

RAINFALL at Hardwick HallCounty of DerbyshireObserver Mr E WilsonRiver Basin Ouse - Don 8

Rain Gauge, by \_\_\_\_\_

Diameter ...	8										
Height .....	2.6							1.6	2.6		
Altitude ...	594.5										
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	
March .....	.92	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	3.37	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	3.08	
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	8.88	
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.
			Rosethorn & Hardwick M.R.	1 1/4 m	=	St John	1 m.	

RAINFALL at Hardwick HallCounty of DerbyshireObserver Mr. E. Wilson since 1926River Basin Guse-Don &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			.66	(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						

1929. Feb. April &amp; June corrected by maps, observer writes but old, &amp; no satisfactory reason given

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Pewthorn	1 mi	E	St. Johns	1 mi	