

Rainfall at Patshull (Staffordshire) 2 1/4 m from Pittingham.

60

Mr. James (Gardener to R<sup>t</sup> Hon: Earl of Dartmouth)

1864 per B. S. Malsden

350 60

Diameter of Gauge, ..... in. Height above Ground, 2.00 ft. .... in. Above Mean Sea Level, 1400.0 ft.

Season, 1862.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					81	2.46	2.07	1.40	1.87	<del>3.21</del>	
February - -					1.85	1.38	1.87	1.60	1.06	<del>1.41</del>	
March - - -					1.74	.86	1.13	1.24	1.48	<del>2.24</del>	
April - - -					1.48	1.01	.49	2.20	1.11	<del>1.42</del>	
May - - -					2.24	3.49	1.26	1.52	2.08	<del>1.63</del>	
June - - -					1.29	1.77	3.74	1.95	.36	<del>5.03</del>	
July - - -					.54	2.04	1.59	2.23	.62	<del>4.70</del>	
August - -					1.05	3.21	1.74	2.01	3.57	<del>1.69</del>	
September -					2.24	.29	4.34	1.30	3.18	<del>2.7</del>	
October - -					1.96	4.12	1.90	2.98	2.02	<del>1.44</del>	
November -					2.49	2.52	2.19	1.14	1.09	<del>3.96</del>	
December -					1.86	.91	1.40	1.62	5.59	<del>4.03</del>	
TOTALS -					19.53	24.06	23.74	21.25	22.03	<del>.86</del>	

1869 The black ink figures are the amounts for Pittingham the red figures the correct values received in 1880.

RAINFALL AT Patshull

Lat.....

Lon.....

County of.....

Stafford

Rain Gauge, by.....

Observer.....

Ant. JamesSeries, 2-2-J. W. Dill

Diameter.....	8											
Height.....	1 3	1.5										
Altitude.....	450?		1.00									
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.14	.73	4.53	2.23	1.74	2.31	2.30	3.22	1.93	1.74	2.187	
February.....	1.18	1.29	3.07	.71	2.68	1.37	2.55	2.34	.78	2.41	1.838	
March.....	1.49	-30	1.82	3.23	.62	.60	2.55	2.20	1.03	.53	1.437	
April.....	1.08	2.39	2.53	.54	1.18	.70	2.86	2.31	1.95	2.43	1.797	
May.....	1.09	1.16	2.01	2.66	1.65	1.42	1.00	1.59	6.50	2.60	2.168	
June.....	.42	2.59	5.73	2.79	.67	2.19	3.11	1.51	3.38	4.04	2.643	
July.....	1.60	3.34	5.01	3.08	.75	6.76	1.78	3.98	1.72	3.85	3.187	
August.....	3.73	1.19	3.65	2.39	2.72	4.02	2.11	4.39	6.61	5.02	3.583	
September.....	.53	6.22	2.42	1.76	3.08	3.94	4.83	2.26	2.60	2.19	2.983	
October.....	4.40	2.77	5.80	2.28	1.52	5.20	2.84	1.77	3.10	1.46	3.114	
November.....	1.90	.71	3.65	1.74	3.22	3.36	3.58	2.11	2.95	.92	2.414	
December.....	2.09	1.54	3.78	.53	1.39	1.02	4.35	1.56	1.78	.62	1.866	
TOTALS.....	20.65	24.23	44.00	23.94	21.22	32.89	33.86	29.24	34.33	27.81	29.217	

1879 Vineris &amp; Plant houses 12 ft high 20 yds distant

Patshull church  $\frac{1}{4}$  mile S.

# RAINFALL AT *Patchall Garden* 80

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County *Hampford*

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

Observer *M. Phillips*

*Severn, L-2.*

Diameter ....	8										
Height .....	1.5							1.3			
Altitude ....	400										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	62	49	236	3.35 3.65	2.39	1.91 1.74	3.25 3.18	2.31 2.21	.77 -66		.49
February ....	2.26	2.29	1.87	2.56 2.34	1.74	2.33 2.31	.91 1.80	.75 -85	.75	1.25	
March .....	66	2.18	2.30	1.20 1.38	2.40 1.95	1.00 -42	2.79 2.78	1.50 1.35	2.35 2.42	.83	
April .....	1.72	1.01	3.16	1.38 -97	2.42 1.77	1.90 2.80	1.45 1.91	2.04 1.60		3.42	
May .....	2.31	1.44	2.59	1.05 1.4	1.27 1.97	1.92 1.43	1.92 1.87	.72 -72		3.76	
June .....	2.56	1.85	4.62	2.21 1.50	1.50	2.67 2.61	1.08 1.49	1.78 1.82		2.43	
July .....	5.29	1.42	2.70	2.25 -86	2.67 2.08	.43 2.16	2.80 2.31	2.24 1.35	5.82 4.01	2.36	
August .....	5.1	4.28	1.67	2.08 -74	2.16 2.21	1.97 4.07	2.31 3.33	4.35 2.42	4.01 -96	2.82	
September ....	3.21	1.74	2.27	4.63 -66	2.21 3.57	4.07 1.19	3.33 3.30	2.42 2.35	.96	2.25	
October .....	5.60	2.49	5.30	2.49 2.53	.84 -81	4.49 4.18	3.88 3.41	2.46 2.62	.56 -64	3.38	
November ....	1.79	1.92	4.53	4.22 3.74	1.50 1.35	3.12 3.45	2.11 2.07	1.85 1.89	4.46 4.47	.95	
December ....	2.67	2.64	3.45	2.06 1.38	2.22 2.22	.78 -81	3.42 3.46	2.56 1.49	2.56 2.57	1.68	
TOTALS ....	29.20	23.75	36.82	26.91 27.22	21.82	27.35 27.33	34.56 31.58	24.14	27.43		

*Patchall Church 4 miles SW*

*Plant House 12 ft high 60 ft W*

*Vinery 20 ft - 8 ft N*

1889 Record rather irregularly kept owing to illness + change

1883-88. Corrected for wrong day after examining daily figures for Geological Survey in connection with Rainfall of the Severn Valley. The red ink figures are corrected values Jan. 1911

N.B. Annual values 1881-88 queried in reported from Survey 1918.



# RAINFALL AT Wolverhampton Litchfield

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

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

County of Stafford

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

Observer Mr W Farn

Severn, L-2.

Earl of Dartmouth

Diameter ....	8			8							
Height .....	1 3			1 5							
Altitude ....	272 $\pi$			273							
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.64			2.19	1.99	4.42	.99	1.53	.80	3.15	
February ....	.65			2.64	2.31	.48	.41	2.58	1.71	2.57	
March .....	1.07			.70	1.15	1.86	2.14	1.90	.65	.55	
April .....	.95			.49	1.64	2.61	1.25	1.38	1.81	2.08	
May .....	1.73			2.19	2.93	.68	.37	1.21	2.94	1.81	
June .....	1.61			2.20	2.24	1.47	1.63	3.57	1.32	2.46	
July .....	2.87			2.08	2.80	3.20	1.36	.54	1.44	2.13	
August .....	3.35			1.59	2.37	2.15	1.40	2.88	3.42	.90	
September....	.87			1.66	1.34	.45	4.10	2.23	.59	2.32	
October .....	1.94			2.15	2.62	2.51	2.08	.82	2.56	2.60	
November ....	3.91			1.35	3.05	2.74	1.17	1.98	1.67	1.31	
December ....	.96			3.43	1.82	1.71	3.19	2.66	2.22	2.48	
TOTALS ....	22.55	<u>NR</u>		22.47	26.26	24.28	20.09	23.22	21.13	24.36	

1893 to 1899 received lake - not pumped in "B.R."

# RAINFALL AT Patchull Park

Lat. 52° 53' N

Lon. 2°

W. County of Staffordshire

Rain Gauge, by

Observer

The Earl of Dartmouth

Series, L-2.

Diameter ..				8							
Height ....				1 3							
Altitude ..				273							
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.22	1.85	1.07	1.70	2.34	.83	3.41	1.41	1.08	.83	1.674
February ..	3.87	1.36	1.03	1.18	3.74	.70	1.46	1.46	.97	.55	1.632
March ....	1.33	2.09	1.28	4.24	1.61	3.13	1.01	1.14	4.08	2.73	2.264
April .....	.62	1.78	1.82	1.60	1.08	1.94	1.40	2.62	2.84	2.32	1.802
May .....	1.82	1.28	3.05	2.88	2.06	.38	2.89	3.30	2.98	1.35	2.199
June .....	2.15	1.61	1.92	1.35	.54	1.81	2.32	3.32	2.96	3.52	2.150
July .....	1.78	3.73	1.44	1.65	2.11	2.09	1.64	2.09	1.97	3.81	2.231
August ....	3.61	2.48	4.93	5.48	2.67	4.11	1.91	3.86	2.87	1.65	3.357
September ..	.68	.88	1.39	3.70	2.13	1.11	1.16	1.16	3.25	2.91	1.837
October ....	3.18	2.30	2.47	5.09	.72	1.31	3.75	5.38	2.04	3.01	2.925
November ..	2.14	1.42	1.81	1.85	1.36	2.69	2.63	2.56	2.13	.69	1.928
December ..	3.80	3.32	1.52	1.82	1.74	.69	2.11	2.69	2.56	4.75	2.500
TOTALS ..	27.20	24.10	23.73	32.54	22.10	20.79	25.69	30.99	29.73	28.12	26.499

1900-1902 received late - not printed in "B.R."

1906 Patchull Church 250 yards S of  
 All Saints Station 2 1/2 miles NE of SE  
 1909 Corrected for long day

H.W.

RAINFALL at Patchell ParkCounty of Staffordshire Observer The Earl of DartmouthRiver Basin Severn - Left Bank Tributaries 2

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

Diameter ...	8											
Height .....	1.0											
Altitude ...	273											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.79	.49	4.29	3.08	1.21	2.99	.69	1.93	2.04	2.38		
February ...	2.75	1.35	1.03	.83	1.90	3.03	4.29	.88	1.27	2.51		
March .....	.64	1.38	3.33	5.13	2.28	.82	3.66	2.65	1.58	4.23		
April .....	1.90	.98	.22	3.51	.78	1.15	1.49	1.85	2.48	2.21		
May .....	1.55	.59	3.10	2.30	1.31	2.08	2.88	3.96	3.37	.91		
June .....	1.79	2.23	5.32	1.32	2.52	1.37	1.51	2.21	1.14	1.18		
July .....	2.89	.26	2.25	1.60	4.37	6.02	1.94	2.04	3.56	2.36		
August .....	4.18	1.56	6.48	2.09	1.91	2.20	2.28	6.38	1.77	2.49		
September ..	.61	1.53	.79	1.37	1.23	.77	1.31	1.78	5.56	1.45		
October ...	2.77	1.86	2.44	3.96	1.69	1.95	3.81	3.79	1.52	3.02		
November ..	4.16	2.41	2.59	2.09	2.47	2.27	2.13	1.72	1.52	1.33		
December ...	5.51	4.71	2.86	1.27	5.84	5.17	2.37	.97	2.78	3.18		
TOTALS ...	30.54	19.35	34.70	28.55	27.51	29.82	28.36	30.16	28.59	27.25		
	7	7	7		6	3	10	3	3	2		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.



RAINFALL at *Patshull Park*County of *Staffs.*Observer *Earl of Dartmouth, R.E.B.*River Basin *2 - Severn L.*

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

Diameter ...	8				5						
Height .....	1.3							0.6			
Altitude ...	273			280		279					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.
January ...	3.30	2.17	3.41	1.68	2.68	1.72		2.23	3.86	1.23	4.79
February ...	1.69	.25	1.46	3.24	.58	3.20		1.71	1.73	.84	.47
March .....	2.39	1.19	2.58	1.47	1.24	.83		2.08	1.96	.19	3.32
April .....	4.25	1.67	2.20	2.40	3.14	1.91		1.75	1.26	.76	2.18
May .....	4.38	1.24	1.10	2.07	4.17	2.80		1.45	1.00	1.89	2.08
June .....	4.17	.39	.69	.57	3.03	.02		3.86	3.50	2.20	.58
July .....	4.10	.54	5.02	4.32	3.67	3.06		3.84	.85	1.44	5.18
August .....	1.02	3.31	2.90	2.28	4.00	2.20		4.03	3.14	1.83	2.46
September...	1.98	.82	2.47	2.07	2.95	3.86		3.43	.86	.72	3.33
October .....	4.05	2.06	.38	3.42	3.58	3.31		2.00	4.35	4.11	3.27
November...	1.03	1.74	1.21	1.60	1.72	1.81		3.69	3.96	6.24	2.89
December...	2.34	1.83	3.47	3.15	2.63	2.50		1.76	1.75	5.41	3.10
TOTALS...	524.70	17.21	26.89	30.27	33.37	27.32	N.R.	31.53	28.22	26.86	33.65
	D	L	D	D	D	D		D	D	D	D

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	Parish Church.	Distance from gauge	Direction
1922			Albrighton					
1923	52° 45'	2° 15'						

RAINFALL at Datshull ParkCounty of Stafford Observer Earl of Dartmouth KCB.River Basin Severn Left Bank - 2.Type of Gauge Annual Average 26.8 in. based on 24 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

91057/31

Diameter	8										
Height	1 1/4										
Altitude	279										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.75										
February	2.26										
March	1.11										
April	4.65										
May	4.78										
June	4.78										
July	3.56										
August	5.76										
September	2.54										
October	9.4										
November	3.91										
December	1.00										
TOTALS	36.04	No.	N.O.								

Terminates minute 8 a file.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge