

Rainfall at KnowsleyMr PrescottJas Freeman

10 ft 6.6

Diameter of Gauge, 5..... in.Height above Ground, 14.. ft. in.Above Mean Sea Level, 120... ft.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -							3.33	2.73	2.40		
February - -							3.16	2.09	1.67		
March - - -							1.84	1.35	2.74		
April - - -							1.07	3.74	1.72		
May - - -							1.56	1.54	1.65		
June - - -							4.22	.94	.35		
July - - -						[#] 2.81	3.77	4.14	.43		
August - - -						4.76	4.62	1.95	3.20		
September -						3.53	5.98	1.55	2.15		
October - -						3.00	2.23	4.44	3.32		
November -						2.87	4.80	1.88	2.03		
December -						1.19	2.37	2.62	6.23		
TOTALS -							38.95	28.97	27.89		

c c c c c

ly on wall, read monthly

RAINFALL AT

Prescot Knowsley

70

Lat.....

Lon.....

County of *Lancashire*

Rain Gauge, by.....

Observer

W. J. A. Brown

Diameter.....	<i>.6</i>											
Height.....	<i>10.0</i>	<i>15.0</i>										
Altitude.....	<i>220.0</i>											
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	<i>2.46</i>	<i>1.61</i>										
February.....	<i>.70</i>	<i>2.57</i>										
March.....	<i>2.00</i>	<i>1.00</i>										
April.....	<i>1.60</i>	<i>2.55</i>										
May.....	<i>1.16</i>	<i>2.02</i>										
June.....	<i>1.80</i>	<i>3.09</i>										
July.....	<i>.80</i>	<i>5.59</i>										
August.....	<i>2.04</i>	<i>1.45</i>										
September.....	<i>2.70</i>	<i>3.35</i>										
October.....	<i>7.18</i>	<i>4.50</i>										
November.....	<i>3.09</i>	<i>2.14</i>										
December.....	<i>2.97</i>	<i>2.22</i>										
TOTALS.....	<i>28.50</i>	<i>32.17</i>										

C C 2

RAINFALL AT Prescot (Knowsley Hall)

Lat. _____

Lon. _____

County of S. Lancashire

Rain Gauge, by _____

Observer M. W. I. Lane

Diameter . . .											5"	
Height											0.7"	
Altitude . . .											178	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . .										4.26		
February . . .										1.45		
March										2.15		
April										3.22		
May										3.49		
June										1.92		
July										2.45		
August										1.69		
September . .										4.95		
October										3.67		
November . . .										1.29		
December . . .										3.17		
TOTALS . . .										33.71		

6/46 Back years entered: 1899-1945 1899 appears reasonable. Brown 15/6/46

RAINFALL at Prescot (Knowsley Hall)County of S. LancashireObserver Mr. W. J. EastRiver Basin Aix & C-1Type of Gauge Glaisher

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter	5"										
Height	6 7"										
Altitude	175'										
Year	1900 1901	1901 1902	1902 1903	1903 1904	1904 1905	1905 1906	1906 1907	1907 1908	1908 1909	1909 1910	Means
January	4.59	2.41	2.52	2.44	2.79	1.53	4.85	1.26	1.91	1.38	
February	3.97	1.45	1.50	1.39	4.03	1.46	2.59	1.70	2.72	1.09	
March	6.8	2.28	2.59	3.56	1.57	3.50	2.65	2.28	2.92	2.67	
April	1.71	2.17	1.46	2.26	1.47	2.94	1.23	1.21	2.40	3.13	
May	2.11	1.92	4.46	4.38	1.57	1.66	3.12	3.30	3.27	1.94	
June	2.58	1.65	1.40	1.33	2.29	2.03	1.43	6.51	1.80	2.37	
July	1.21	2.04	2.59	3.16	1.92	2.28	1.84	3.60	2.70	4.32	
August	6.96	3.41	2.47	4.76	4.69	3.75	2.96	3.81	2.51	3.05	
September	1.97	1.00	1.48	5.14	1.84	1.82	2.54	1.83	3.89	3.28	
October	4.05	3.80	2.80	7.43	2.42	3.26	6.03	3.50	2.43	5.42	
November	2.88	3.50	2.16	3.44	2.12	4.03	2.03	4.68	2.64	1.33	
December	3.19	3.93	2.81	2.15	3.03	1.64	3.64	2.87	2.02	6.91	
TOTALS	34.90	28.56	28.23	41.44	29.74	27.90	33.91	35.55	32.21	36.89	

6/46. BACK years entered: 1899-1945. Totals seem reasonable. H. Rowell 15/6/46.

Position of Station on reduced Ordnance Survey Map,
1 mile 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.
1900			Huyton	2m	S	Knowsley	1 1/2 m	NNW

BRITISH RAINFALL ORGANIZATION

RAINFALL at Powder (Knowsley Hall)County of ShropshireObserver Mr. W. J. EarlRiver Basin Alk. & C.Type of Gauge Wainman

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter	5"										
Height	0.7										
Altitude	173'										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Means
	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	3.45	.95	3.66	2.67	1.31	4.22	1.87	1.92	2.11	3.51	
February	2.55	2.28	.99	.84	1.77	2.20	3.10	1.31	2.06	1.29	
March .....	.85	1.07	4.81	2.64	3.03	1.34	1.89	2.12	1.26	5.59	
April	2.67	2.50	.28	3.61	.89	1.51	2.02	2.08	1.04	1.37	
May	2.49	.68	2.37	1.88	2.02	1.52	2.78	2.92	3.22	1.26	
June	3.12	3.42	3.67	2.78	2.00	1.37	2.81	1.90	1.54	1.41	
July	5.31	.83	2.83	1.78	4.70	3.66	1.61	1.86	4.09	1.09	
August	4.12	2.95	6.46	2.01	2.77	4.61	3.15	7.25	2.28	3.92	
September .....	.63	4.43	1.65	1.59	3.39	1.64	2.90	1.99	7.85	2.23	
October	2.61	2.98	3.32	2.58	2.04	1.86	4.84	6.33	2.58	2.07	
November	5.41	2.88	2.57	3.24	2.92	2.50	3.04	3.13	1.97	1.97	
December	3.38	4.80	2.79	2.85	8.04	5.39	2.03	1.71	6.36	5.74	
TOTALS	36.59	29.77	35.40	28.47	34.88	31.82	32.04	34.52	36.35	31.45	

6/46 Back years entered: 1899-1945 : Totals appear reasonable through 15/6/46

Position of Station on reduced Ordnance Survey Map,
1 mile 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.
1910			Huydon	2m	S	Knowsley	15m	N/W

BRITISH RAINFALL ORGANIZATION

RAINFALL at Prescot (Knowsley Hall)County of S. LancashireObserver Mr. W. J. EarlRiver Basin Alt. & C-1Type of Gauge Glaisher Pot type

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

pte E3505/46

Diameter	5"										
Height	0.7"										
Altitude	178'										
Year	1920 1931	1921 1932	1922 1933	1923 1934	1924 1935	1925 1936	1926 1937	1927 1938	1928 1939	1929 1940	Means
January	3.63	3.39	3.34	1.07	3.11	1.38	3.04	2.83	5.60	2.33	5.68
February	2.63	.87	2.09	3.69	.06	4.27	3.00	1.41	3.35	.09	.52
March	3.49	2.03	1.56	1.37	1.05	.74	.74	2.23	2.15	.91	3.45
April	4.22	.89	2.57	2.75	1.95	1.74	1.38	2.81	1.09	.96	2.23
May	4.59	2.44	1.35	4.14	3.87	3.65	3.60	1.32	1.34	2.28	1.14
June	3.65	.38	2.19	.85	6.34	.00	1.94	4.54	5.43	1.26	1.53
July	6.32	1.32	4.33	2.96	4.14	3.29	4.02	3.88	2.27	3.55	6.32
August	1.79	4.42	2.88	2.89	6.41	3.55	4.21	5.71	5.26	4.98	5.16
September	2.78	1.61	3.53	2.12	4.96	5.00	2.99	5.06	2.28	1.64	4.23
October	1.08	2.99	.52	4.73	3.86	4.96	3.16	3.23	3.65	6.54	3.12
November	1.29	2.37	2.29	4.09	1.57	2.34	5.30	3.95	6.36	6.15	4.72
December	2.56	4.19	4.09	4.54	4.02	1.54	1.39	1.65	3.22	6.57	4.81
TOTALS	38.03	26.90	30.74	35.20	41.34	33.06	34.77	38.62	42.00	37.26 high	42.91

646 Back years entered: 1899 - 1945 : The records are reasonable except for 1929 which is too low for the year (See end of A)

W. H. H. 15/5/46

Position of Station on reduced Ordnance Survey Map, 1 mile 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
			Hyton	2m	S	Knowsley	1 1/2	NNW

BRITISH RAINFALL ORGANIZATION

RAINFALL at Prescot (Knowsley Hall)County of S. LancashireObserver Mr. W. I. EarlRiver Basin MerseyType of Gauge GlaisherAnnual Average in. based on years obs. un-weighted. Period of average Ref.

E 3505/46

Diameter	5"										
Height	0 7"										
Altitude	178'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.65	3.38	1.92	2.05	2.17	5.76	2.38	3.34	6.71	6.87	
February	3.12	.12	4.01	.21	2.83	2.47	5.40	1.20	1.68	2.95	
March	.83	2.84	2.15	2.01	.93	2.61	1.64	1.64	2.58	3.82	
April	3.12	3.95	1.02	2.48	2.49	1.61	3.68	.32	2.09	2.25	
May	2.36	7.99	2.17	2.52	1.65	1.19	2.26	3.50	1.95	2.74	
June	5.71	.56	2.08	1.57	3.14	3.75	1.24	3.11	4.54	1.29	
July	3.33	3.65	2.34	1.59	2.88	4.01	2.34	3.25	3.06	3.30	
August	9.38	2.13	1.81	5.04	3.16	2.32	2.18	5.87	2.16	1.47	
September	3.63	3.04	1.13	2.08	6.22	4.15	1.61	1.13	1.15	3.87	
October	2.62	8.02	4.36	6.71	6.09	2.99	2.89	7.50	2.45	3.91	
November	6.28	3.18	1.81	2.43	4.27	4.17	1.58	4.26	5.67	7.75	
December	1.64	2.54	.71	4.86	4.53	3.64	2.49	3.34	3.77	2.94	
TOTALS	46.17 high	41.40 high	25.51 high	33.55 high	40.35 high	38.67 high	27.69 low	38.46 high	42.81 high	43.26 high	

9/46 Back years entered: 1899-1945 : 516 h26 are from 3-6 inches too high with the exception of 1937 which is low. H.R. 15/6/66 (see file and 1A).

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.	
1931			Huyton	2m	S	Knowsley	1 1/2 m	NNW

BRITISH RAINFALL ORGANIZATION

Station No. 2805/5

RAINFALL at Prescot (Knowsley Hall)

41

County of SeftonObserver Mr. W. T. EadeRiver Basin alt. e.s. - 1Mr. G. E. T. Winn (1948)Type of Gauge. glass - 10

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No. E.35.05/44

Diameter	567	891	5								
Height			107				1' 0"				
Altitude			4178								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	5.17	9.35	5.41	6.63	2.29	5.19	2.77	8.70	3.50	1.27	
February	4.47	3.10	3.04	1.77	3.62	8.24	1.03	2.08	1.47	4.62	
March	3.40	4.84	7.1	1.82	1.46	1.56	5.05	1.16	3.02	1.38	
April	2.11	2.39	2.86	2.36	2.65	1.37	2.90	1.58	2.41	3.35	
May	2.33	5.06	3.23	3.14	4.88	2.12	3.58	1.82	3.42	89	
June	90	1.01	4.19	3.72	5.99	4.65	2.49	3.36	96	1.95	
July	2.52	3.33	4.00	3.25	4.26	4.19	2.96	3.39	3.03	2.77	
August	6.32	7.15	5.01	5.50	3.66	6.49	4.5	3.92	4.24	8.73	
September	1.24	3.48	4.80	7.03	3.37	4.60	3.04	2.24	2.67	4.71	
October	4.38	6.17	5.67	5.86	7.14	98	1.01	2.75	3.54	2.24	
November	3.25	2.03	4.66	8.50	6.1	6.05	3.44	2.39	5.47	4.67	
December	1.72	5.76	2.95	3.56	3.87	3.35	3.43	3.57	6.12	3.44	
TOTALS	37.83 high	53.67 high	46.53 high	53.14 high	43.80 high	48.79 m.p.	32.15 D	36.98 D	39.85 D	39.99 D	

RHH Peach houses 5' high 12' 6 in. N

9/46. Back years entered: 1899-1945. Yr totals 1941-45 are now 10 to 20 inches too long (see file cut 119)

1946 on p. high

1947. H.O. Gauge supplied 12/8.

1948. Suspect readings not at 9 am. Greenhouses 5' high 13' N.

1946. Aug. 2nd parked

H. Russell 15.6.46

Position of Station on reduced Ordnance Survey Map, 1 mile 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.
1946			Huyton	2 m	S	Knowsley	1 1/2 m	NNW

BRITISH RAINFALL ORGANIZATION

Station No. 2805/5

RAINFALL at Prescot (Knowsley Hall)

51

County of Lancashire

Observer

Mr. S. E. G. WinnRiver Basin Alt. & C. - 1

Head Gardener

W. Steele 1951Type of Gauge M.O.E. Jones Log 1955Annual Average 33.1 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. S. 66File No. E3805/46

Diameter ...	1" 5"		8"	567	891						
Height ...	1' 6"	1' 0"				1					
Altitude ...	178		172'			51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.39	2.26	1.96	(3.97)	(2.18)	4.28	1.41		1.73		
February ...	1.77	1.01	(1.18)	(3.94)	2.62	.39	1.73		2.08		
March ...	4.45	2.59	1.03	2.38	1.85	1.00	2.43		1.01		
April ...	1.89	2.57	(2.98)	.83	1.84	3.09	.14		2.64		
May ...	3.13	2.14	2.20	2.67	3.21	1.11	1.12		1.72		
June ...	1.23	2.25	1.80	3.41	3.89	2.36	1.63		2.59		
July ...	1.79	1.58	3.51	4.25	.07	4.04	5.36		2.59		
August ...	5.28	1.31	(2.73)	3.27	1.39	8.53	4.58		.72		
September ...	.98	3.45	(4.50)	3.72	2.93	2.97	5.70		.25		
October ...	1.07	4.50	1.57	5.28	2.26	1.99	3.47		2.72		
November ...	9.10	1.91	3.34	6.24	2.16	1.62	2.10		4.77		
December ...	4.70	1.74	1.02	4.54	4.25	2.24	1.71		6.10		
TOTALS ...	37.78	27.31	(28.32)	(44.50)	28.61	33.62	31.38		28.92		
	D	d	up house	up house	d	d	d		up		

1951 greenhouse 12' 15" at 4' N, outbuilding 12' 15" at 30' S.

1953 n.p. no numbers.

2430660004

1955. Auth changed to E. Jones Log.

1959. n.p. - no daily readings irregular

1954. Point in Knowsley. 1954 greenhouse 12' 8" S.

1955 Jan est M.O. 26.

1957 Annual total reasonable. Monthly values doubtful. Irregular readings & entries.

Rejected

Annual Average 31.36 in. based on 19 yrs. obs. within 1916-57. 3" less. Period gas. 1916-50. Ref. S.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference

33/443944

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Anyton?	2 m. S. exp.	Knowsley	2 m. N.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓ n.p. 29	✓	✓ n.p. 41-46	
	-	-	n.p. 31-40	D 47.48, 50	