

Rainfall at KnowsleyW<sup>r</sup> PrescottJ. Greenman

10 ft 66

Diameter of Gauge, 5 in.

Height above Ground, 19 ft in.

Above Mean Sea Level, 190 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

by wall, read monthly

## RAINFALL AT Prescot Knowsley

Lat.....

Len..... County of Lancashire.....

Rain Gauge, by..... Observer W. J. Greenan.....

Diameter .....	· 6	'									
Height .....	10 · 0	15 · 0									
Altitude .....	220 · 0	'									
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2 · 46	1 · 61									
February.....	· 70	2 · 57									
March.....	2 · 00	1 · 08									
April.....	1 · 60	2 · 55									
May .....	1 · 16	2 · 02									
June.....	1 · 80	3 · 09									
July .....	· 80	5 · 59									
August.....	2 · 04	1 · 45									
September.....	2 · 70	3 · 35									
October.....	7 · 18	4 · 50									
November.....	3 · 09	2 · 14									
December.....	2 · 97	2 · 22									
TOTALS .....	28 · 50	32 · 17									

C C2

## RAINFALL AT Prescot (Knowsley Hall)

Lat.

Lon.

County of S. Lancashire

Rain Gauge, by

Observer M.W.J. Park

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

6/16 Back years entered: 1899-1945 1899 appears reasonable. Possibly 15/6/46

## RAINFALL at Prescot (Knowsley Hall).

County of S Lancashire.....

Observer Mr. W. J. East.....

River Basin Mersey.....

Type of Gauge Standard.....

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

Diameter	5"											
Height	0.7"											
Altitude	175'											
Year	1900 1891	1901 1892	1902 1893	1903 1894	1904 1895	1905 1896	1906 1897	1907 1898	1908 1899	1909 1900	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	1.68	2.28	2.59	3.56	1.67	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	2.27	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	1.76	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	3.14	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. Housell 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	12m	NNW

BRITISH RAINFALL ORGANIZATION

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## RAINFALL at Poreet (Knowles Hall)

County of Lancaster

Observer Mrs. W. J. Earl

River Basin Alex. & C-1

Type of Gauge.....Kanishka.....

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

Diameter	5"											
Height	0.7											
Altitude	178'											
Year	1910 1931	1911 1932	1912 1933	1913 1934	1914 1935	1915 1936	1916 1937	1917 1938	1918 1939	1919 1940	Means	
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	3.04	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 - H. Russell 15/6/46

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

*Reference No.*.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1910			Huyton	2m	S	Knowsley	1½m NNE

## RAINFALL at Prescot (Knowsley Hall)

County of S. Lancashire

Observer Mr. W. J. Earl

River Basin A.R. &amp; C.-1

Type of Gauge Standard British No. 2

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

Ref.

Int 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	1930 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	4.81	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	1.96	1.74	1.38	2.81	1.09	.96	2.23	
May	4.59	2.42	1.35	4.14	3.81	3.65	3.60	1.32	1.34	2.28	1.14	
June	3.65	.38	2.19	.85	6.34	1.00	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	5.10	
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	1.73	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	6.30	6.15	4.72	
December	2.56	4.19	4.09	4.64	4.02	1.54	1.39	1.65	3.22	6.51	4.81	
TOTALS	38.03	26.90	30.74	35.20	41.34	33.06	34.77	38.62	42.00	37.26	42.91	kgm

6/46 Back years entered: 1899 - 1945 : The records are reasonable except for 1929 which is said to begin (See end (A))  
 (Dhawall 15/6/66)

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.
			Huyton	2m	S	Knowsley	1½	NNW

BRITISH RAINFALL ORGANIZATION

## RAINFALL at Prescot (Knowsley Hall).

County of S. Lancashire.....

Observer M.R. J. Frank.....

River Basin R.R. &amp; C.-1.....

Type of Gauge Rain gauge.....

Annual 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	3.45	3.38	1.92	2.05	2.17	5.76	2.38	3.34	6.71	6.87	
February	3.12	1.12	1.01	1.21	2.83	2.47	5.40	1.20	1.68	2.95	
March	1.83	2.84	2.15	2.01	1.93	2.61	1.64	1.64	2.58	3.82	
April	3.12	3.95	1.02	2.48	2.19	1.61	3.68	1.32	2.09	2.35	
May	2.86	7.99	2.17	2.52	1.65	1.19	2.26	3.50	1.95	2.74	
June	5.71	1.56	2.08	1.57	3.14	3.75	1.24	3.11	1.64	1.29	
July	3.33	3.65	2.34	1.59	2.88	4.01	2.34	3.25	2.06	3.30	
August	9.33	2.13	1.81	5.04	3.16	2.32	2.18	5.87	2.14	1.47	
September	3.63	3.04	1.13	2.03	6.22	4.16	1.61	1.13	1.15	2.87	
October	2.62	8.02	4.36	6.71	6.09	2.99	2.89	7.50	2.46	2.91	
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	1.71	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	29.69 low	38.46 high	42.81 high	43.26 high	

6/46 Back years entered: 1899-1945 : The numbers are from 3-6 inches too long with the exception of 1937 which is low. H. Russell 15/6/46 (see file and A).

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.
1931			Huyton	2m	S	Knowsley	1.2m	NNW

BRITISH RAINFALL ORGANIZATION

Station No.

2805/5

## RAINFALL at Prescot (Knowsley Hall)

41

County of Lancashire

Observer Mr. W. J. Earl

LEAF XII/17

River Basin Alt. &amp; C - 1

Mr. G. E. Twinn (1948)

Type of Gauge Glaisher M.O.

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

Ref.

File No. E 35.0.5/46

Diameter	567	891	5								
Height			107								
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	4.49	3.10	3.04	1.77	3.62	8.24	1.03	2.08	1.44	4.62	
March	3.40	4.84	7.71	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	4.45	3.92	4.24	8.73	
September	1.24	3.48	4.80	7.03	2.37	4.60	3.04	2.24	2.64	4.71	
October	4.38	6.17	5.67	5.86	7.14	9.8	1.01	2.75	3.54	2.24	
November	3.25	2.03	4.66	8.50	.61	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	53.67	46.53	53.14	43.80	48.79	32.15	36.98	39.85	39.99	

1944 Peacock houses 5' high 12' 6" in. N

6/46. Back years entered: 1941-1945 The totals 1941-45 are now 10 to 20 inches too big (see p. 261A)

1946 m. phg

H. Russell 15.6.46

1947. M.O. Gauge supplied 12/18

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

1948 being built

Position of Station on reduced Ordnance Survey Map, No. of Map..... Reference No. ....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1946			Huyton	2 m	S	Knowsley	1/2 m	NNW

Station No. 2805/5

51

RAINFALL at Prescot (Knowsley Hall)County of S. LancashireObserver Mr. G. E. WinnRiver Basin Alt. & C.-1Lead Gardener W. Steele 1951Type of Gauge M.O.E. Jones Log 1955.

Annual Average 33.1 in. based on 9 years obs. semi-weighted. Period of average 1881-1965 Ref. S. 405

File No. E 2805/46

Diameter ...	6"	5"	8"	567	841						
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 ...	9.8	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	(28.82)	(44.50)	28.61	33.62	31.38				28.92
	d	d	upward	d	d	d	d				d

1951 Greenhouse 12'-15' at 45°N, outstanding 12'-15' at 30°S.

1953 n.p. rain. w.

2430460004

1959. n.p. - low daily readings

1955. Anth. changed to E. Jones. Log.

irregular

1954 Point in greenhouse. 1954 Greenhouse 12'-8' S.

1955 July est. M.O. 26.

Q 975

Rejected

1957 Annual Total Measurable. Monthly values doubtful. Irregular readings &amp; entries.

General Average 31.36 in. based on 19 yrs. too. within 1916-57. 3" low. Period Jan. 1916-50. Ref. S.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 23/H443944

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1953			Azney Lane?	2 m S 60° E	Knowsley	2 m N.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓	✓ n.p. 29	✓	✓ n.p. 41-46 n.p. 31-40 D 47, 48, 50	