

## RAINFALL AT Preston.

70

Lat.

Lon.

County of Lancaster.

Rain Gauge, by

Observer R. N. Hunter.

Diameter....							8	8		
Height ....							1·6	16·	16·	
Altitude ....							100	133	120	
Year ....	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January .....							1·84	6·13	3·09	1·15
February .....							4·21	3·72	1·19	2·79
March .....							2·80	3·22	1·28	1·65
April .....							2·80	2·04	1·56	1·72
May .....							68	2·62	4·59	2·53
June .....							3·48	2·19	2·90	4·17
July .....							3·76	5·03	1·12	4·98
August .....							3·88	6·80	4·94	5·52
September .....							3·68	4·38	4·96	3·07
October .....							2·85	5·85	4·06	2·39
November .....							3·47	5·62	3·90	82
December .....							3·70	4·80	2·12	2·02
TOTALS .....							37·15	52·40	35·71	32·71

2955  
80

RAINFALL AT Preston Corporation Offices

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Lancashire  
 Rain Gauge, by \_\_\_\_\_ Observer A. Peak, Esq.

Ribble &amp; Co. 1.

Diameter .....	8										
Height .....	16.0										
Altitude .....	120	123									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	1.46	1.66	2.83	4.62	3.68	1.99	3.91	2.01	1.56	1.38	2.310
February .....	2.37	4.89	2.46	2.48	3.33	3.33	1.02	2.13	.90	2.19	2.510
March .....	2.35	2.98	3.34	.89	2.44	1.90	3.06	2.02	2.89	1.90	2.382
April .....	1.33	1.46	4.54	2.31	1.02	2.92	2.27	1.52	1.39	2.46	2.122
May .....	2.09	4.06	2.74	.77	1.74	1.30	3.37	1.79	.78	3.40	2.204
June .....	3.42	2.76	4.53	3.30	1.38	2.71	2.17	.76	2.27	.61	2.391
July .....	4.96	5.52	5.28	1.95	4.81	2.26	5.43	1.37	5.74	2.16	3.948
August .....	1.82	5.21	4.61	2.39	1.87	1.68	1.78	2.98	3.87	5.15	3.156
September....	3.87	1.58	2.53	4.50	2.86	5.11	5.76	3.86	1.37	3.90	3.534
October.....	3.22	1.48	3.45	4.90	2.85	4.21	4.06	1.47	2.00	2.33	2.997
November....	5.03	4.42	5.74	3.41	1.10	2.99	2.53	2.26	5.03	1.86	3.437
December....	5.44	4.52	2.90	3.09	4.08	2.49	5.56	2.41	2.07	3.11	3.567
TOTALS ....	36.36	39.54	44.95	34.61	31.21	32.89	40.92	24.58	29.87	30.45	34.538

## RAINFALL AT Preston Corporation Offices

Lat.

Lon.

County of Lancashire

Rain Gauge, by

Observer

H. Read Esq

D. Pilkington J. Constance

Ribble 26.1

Diameter	8				8						
Height	16 0				18 0						
Altitude	123				118						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	Means.
January	5.05	1.97	3.18	1.13	8.19	2.42	1.50	1.21	3.50	4.29	2.744
February	.71	.10	2.24	3.88	4.77	.19	1.06	2.77	2.34	.51	1.857
March	3.08	1.23	.97	1.00	2.83	3.18	4.93	3.30	.66	3.34	2.452
April	1.28	1.04	1.55	.29	(1.30)	2.05	1.54	2.78	.87	3.63	1.633
May	2.30	2.79	3.69	2.18	(1.95)	.83	.68	1.98	2.91	2.14	2.145
June	3.36	1.50	3.13	1.46	(2.90)	1.61	2.05	5.11	2.37	1.19	2.468
July	3.77	4.43	1.90	4.10	(3.25)	4.12	2.31	1.69	.25	2.05	2.787
August	5.38	9.28	5.26	5.17	(5.60)	3.87	2.70	4.61	5.32	1.48	4.867
September	2.56	3.85	4.93	5.49	.61	1.68	5.17	3.17	1.43	5.56	3.445
October	4.08	4.31	4.09	5.65	2.88	4.85	3.67	2.00	3.44	3.23	3.820
November	6.26	3.53	2.15	2.89	3.16	2.99	1.44	2.02	2.95	1.98	2.887
December	.48	6.36	2.66	4.34	3.29	(3.25)	3.85	5.10	3.58	2.59	3.550
TOTALS	38.31	40.39	35.75	37.08	(35.72)	(31.04)	30.90	35.74	29.62	31.99	34.655

1894 Gauge moved in the middle of the year

1895 Recd. Record imperfect. amount computed

1894 Apr - Aug estimated from Haughton

Lat. 53° 46' N. Lon. 2° 42' W.

Central County of Lancashire Eng.

Observer J. Cockson Esq.

Ribble											
Diameter ..	8										
Height ..	18.0										
Altitude ..	148										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.61	2.21	3.07	3.28	3.23	2.13	4.26	1.33	2.69	2.23	2.904
February ..	3.25	1.26	1.74	3.56	3.45	1.51	2.94	1.98	2.44	1.29	2.342
March ..	.64	2.92	2.46	3.79	2.61	2.84	3.18	3.37	2.41	2.86	2.708
April ..	1.98	1.95	1.88	1.55	2.39	2.16	1.38	1.28	1.47	3.62	1.966
May ..	1.77	.74	3.27	3.64	1.90	.73	4.39	3.90	3.21	1.91	2.546
June ..	2.17	1.85	1.33	1.82	2.13	2.98	1.61	8.34	1.86	2.75	2.679
July ..	1.60	1.08	3.43	3.70	1.19	2.61	1.74	4.78	4.54	5.43	3.000
August ..	4.93	2.61	3.05	4.75	4.75	3.07	3.86	4.63	4.24	3.42	3.931
September ..	2.96	1.06	1.38	5.43	1.08	2.88	1.61	.97	4.87	2.52	2.476
October ..	6.10	3.35	3.85	7.20	3.14	3.34	6.85	3.40	2.31	5.48	4.452
November ..	3.25	6.80	1.50	3.46	2.93	3.86	2.95	3.02	3.58	1.73	3.308
December ..	4.03	3.25	3.05	2.43	2.60	1.05	3.76	4.15	2.49	6.21	3.302
TOTALS ..	37.29	29.08	30.01	44.61	31.40	29.01	38.03	41.15	36.11	39.45	35.614

D D D D D D

Hub

1908 Preston Station

1909 Corrected for wrong day

St. Johns Church 1/4 mile S

Preston Station 3/4 . 5 15

Office Workshop 25 ft high N

10<sup>2955</sup>

RAINFALL at Preston Corporation Offices

County of Central Lancashire

Observer J. Gokken

River Basin Ribble + C (

J. H. Greenhough Esq. C.E.

*Rain Gauge, by.*

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Preston	1/2 m	S			

(1930) Moor Park Observatory  
RAINFALL at Preston Corporation Offices

County of C. Lancashire

Observer J. H. Sonett, Esq., C.E.

River Basin Ribble &amp; c. 1

E.C. Oates, C.E.  
Water Engr. Preston 1930 J.D. CartmellSpherical Rain Gauge, by  
(26)

Preston Corporation

(+A)

Diameter ...	8										8
Height .....	18.7										1 0
Altitude ...	148										110
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	TOTALS 1920
January ...	3.79	6.20	3.56	3.37	3.17	2.70	3.32	3.72	9.34	1.54	5.53
February ...	2.45	7.28	4.51	4.35	7.7	4.73	4.09	1.71	4.04	.93	.26
March .....	4.11	3.44	1.74	1.23	1.56	1.41	1.24	3.28	2.22	1.20	2.58
April .....	3.97	1.78	2.62	2.92	1.55	1.97	1.81	2.04	1.11	1.13	1.64
May .....	6.93	2.46	2.18	3.36	5.26	4.06	3.12	1.18	0.89	2.56	1.30
June .....	2.46	.79	3.09	1.02	3.23	1.18	1.72	3.27	6.44	1.46	1.65
July .....	5.38	2.24	5.42	4.52	5.03	2.98	3.31	4.46	3.07	3.16	6.52
August .....	1.84	5.82	5.21	6.03	5.99	3.25	3.54	5.84	5.36	6.04	6.70
September...	2.94	2.07	3.78	5.02	4.21	4.67	4.17	6.72	1.40	2.00	2.48
October.....	1.32	2.97	6.6	4.95	4.19	4.59	3.62	3.18	5.02	5.82	6.27
November...	1.54	2.66	3.11	5.67	2.24	3.03	5.64	3.85	5.52	6.61	5.51
December...	2.51	5.20	5.12	4.50	4.52	2.46	1.16	1.01	3.12	6.84	3.60
TOTALS...	39.24	35.91	41.00	46.77	41.72	36.03	36.74	46.36	47.56	39.35	44.04

Totals.  
46.30

27.92

24.11

22.56

33.30

25.31

55.62

39.49

42.57

45.38

40.07

44.872

fall

Height of g. cannot be altered. See enclosure 1A file 816750/23

1929. Workshop. 15 ft. high. g. stands on top of this building.

1930. Gauge moved 14<sup>th</sup> April 1470 yards N.

Moor Park Obs. 23' 9" high 73' S.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1925.	53° 45' 40"	2° 41' 45"	Preston	2850 yds	S. S.W.	Preston	4024 yds S.S.E.
1930	"	"	"	2365 yds	S.W.	Parish Church	1804 yds S.

## RAINFALL at Preston (Moor Park)\*

County of Central Lancashire

Observer ... Preston Corp.

River Basin Ribble & c. - 1.

Type of Gauge Glaisher (TA) 1929

Annual Average 35.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.M.N.

...Ref.B&N

816750 / 28.

\* Gauge moved to Moor Park from Corp. Offices in April, 1930. (B.R.)  
Observating 28° 9' high 78° S.

*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	Direction
1931			Preston	2365 yds	SW	Preston	1801 yds	S.

Station No. 2955 MWR (1951)

## RAINFALL at

Preston (Moss Park)

41

County of Central Lancashire

Observer

## Prestige Corps.

River Basin - Riddle & F. = 1

## General Horrocks Observatory

Type of Gauss fraction (+A)

Seremah Horrocks Obsy. (1951)

Annual Average 35.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B.C.N.

E 11768/30  
816-558128

1941 Moon Park Observatory 23° 9' high 73° 6'

348.9 2

*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	Direction
1941			Preston L.M.S.	2365y	S.W.	Preston	1804y	S.

Station No. 2955

M.W.R. (244/6) 51

## RAINFALL at Preston (Moorside)

County of Central Lancashire

Observer

Preston Corporation

River Basin Ribble &amp; L. - 1

Jeremiah Horrocks Obay.

Type of Gauge Glaisher (+D) (+AOS)

Annual Average 35.3 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N

39.47 - " " 1916-1950

1916-1950 File No. 17060/54

Diameter	5"		576	634	8						Means
Height	1' 6"				1						Total
Altitude	108'				51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	4.13	3.58	1.71	3.88	2.50	4.17	2.99	3.43	2.61	5.39	34.39
February	2.59	1.29	1.17	2.84	1.45	1.46	2.58	6.45	4.47	2.28	21.88
March	4.78	1.77	.88	2.15	1.27	1.23	2.99	1.58	1.79	1.23	19.67
April	2.07	3.07	2.68	1.36	1.94	1.69	.42	1.29	2.15	1.98	18.65
May	1.99	2.01	2.12	2.41	2.45	2.00	2.21	4.77	1.35	2.13	23.44
June	1.94	3.55	1.94	4.11	3.18	1.73	1.48	4.12	3.30	0.94	26.29
July	2.11	1.90	4.55	5.80	1.23	4.63	5.07	3.22	3.98	5.69	38.18
August	4.64	5.73	4.41	5.77	1.00	12.39	5.18	3.92	.64	5.49	49.17
September	2.81	4.69	4.44	6.27	3.27	3.56	6.59	5.73	.46	3.34	41.16
October	1.62	2.64	1.65	8.42	2.41	2.84	6.15	3.50	4.09	2.52	35.84
November	1.93	2.27	4.73	5.94	1.62	1.74	1.27	2.02	5.24	8.17	40.93
December	8.64	3.92	1.76	5.16	4.36	3.70	4.54	3.21	6.73	4.32	46.34
TOTALS	452.5	36.42	32.04	54.11	26.98	40.14	41.47	43.24	32.81	43.48	395.94
	D	D	D	D	D	D	D	D	D	D	

Records from 1956 - Gauge mounted in roof of house in open area. Slope 1 in 100. Height 31.25'. Dome 23.4'. 20 ft away. Gauge 5' back.

A.D.T. Siphon gauge purchased 31.10.52.

1959 - Open scale recorder installed.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference SD 34537311

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ start - 18	✓	✓	✓	✓