

RAINFALL AT *Preston*

70

Lat.

Lon.

County of *Lancaster*

Rain Gauge, by

Observer *R. N. Hunter*

Diameter....							8		2		
Height							1.6		16.	16.	
Altitude							100		133	120	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	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	1.55	
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	

RAINFALL AT *Preston Corporation Offices*

Lat. _____

Lon. _____

County of _____

Lancashire

Rain Gauge, by _____

Observer, *A. Peak, Esq.*

Ribble & Co. 1.

Diameter	8										
Height	16.0										
Altitude	120	123									
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.46	.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	2.49	1.90	3.06	2.02	2.89	1.90	2.882
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	3.186
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	3.44	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	44.75	34.61	31.21	32.89	40.92	24.58	29.87	30.45	34.538

RAINFALL AT Preston Corporation Office

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer H. Reah EsqD. Pilkington J. Cookson EsqRibble 26.1

Diameter	8				8						
Height	16 0				18 0						
Altitude	123				148						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.05	1.97	3.18	1.13	3.19	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	2.39	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 Dec. Record imperfect. amount computed

1894 Apr - Aug estimated from Highton

RAINFALL AT Preston Corporation Office
Central
 Lat. 53° 46' Lon. 2° 42' W County of Lancashire
 Rain Gauge, by Observer J. Lookman Esq.

Ribble

Diameter ..	8										
Height	18.0						18.7				
Altitude ..	148										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
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	2.93	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	6.35	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

1905 Preston Station

1907 Corrected for wrong day

St John's Church 1/4 mile S

Preston Station 3/4 " S S

Office & Workshop 25 ft high N

H. H. H.

RAINFALL at Preston Corporation OfficesCounty of Central LancashireObserver J. G. KenleyRiver Basin Ribble + C 1J. H. Ansell Esq C.E.

Rain Gauge, by _____

Diameter ...	8											
Height	18.7								1.2	18.7		
Altitude ...	148 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Totals
January	4.62	1.09	2.82	3.97	2.79	5.41	2.16	2.34	2.88	4.41		16.17
February	3.62	3.71	1.58	1.36	2.83	4.12	3.22	1.32	3.68	1.30		11.79
March	1.06	1.34	5.80	4.43	3.61	1.58	1.97	2.55	1.25	4.99		4.52
April	2.46	3.10	.51	4.12	1.01	2.35	2.92	1.63	1.24	1.93		10.76
May	2.59	1.58	2.44	2.99	2.04	1.40	2.48	2.25	2.30	1.70		7.72
June	2.31	2.63	6.68	2.46	1.20	2.19	2.69	2.57	2.10	1.79		8.73
July	4.93	.50	5.95	2.03	4.28	3.86	3.01	1.51	3.08	1.51		7.15
August	5.18	3.83	5.34	2.24	2.22	4.93	4.82	5.23	3.76	3.85		9.11
September	.34	4.62	1.89	1.80	3.78	.62	3.17	3.03	11.43	2.49		17.66
October	3.23	2.80	3.91	1.93	1.91	1.16	6.30	7.63	4.20	3.31		20.14
November	5.32	3.49	3.35	4.58	5.05	1.75	2.41	4.33	2.63	2.87		21.64
December	3.05	5.12	3.70	2.72	5.26	6.56	2.94	1.95	7.55	6.13		11.94
TOTALS	38.71	33.81	43.97	34.63	35.98	35.93	38.09	36.34	46.12	36.18	379.76	156.73
	D	D	D	D	D	D	D	D	D	D		446

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

(1930) Moor Park Observatory
RAINFALL at Preston Corporation OfficesCounty of LancashireObserver J. H. Smithy Esq. C.E.River Basin Pibble & C. 1E. C. Oates, C.E.
Water Eng. Preston 1930 J. D. CartmellSiphon Rain Gauge, by
(126)Preston Corporation

(+A)	Diameter ...	8										8	
	Height	18.7										10	
	Altitude ...	148										110	
	Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
	January ...	3.79	6.20	3.56	3.37	3.17	2.70	3.32	3.72	9.37	1.57	5.53	Totals 46.30
	February ...	2.45	2.28	4.51	4.15	1.77	4.73	4.09	1.71	4.04	1.93	2.26	27.92
	March	4.11	3.44	1.74	1.23	1.56	1.41	1.24	3.38	2.22	1.20	2.58	24.11
	April	3.97	1.78	2.62	2.92	1.55	1.97	1.81	2.04	1.11	1.13	1.64	22.56
	May	6.93	2.46	2.18	3.36	5.26	4.06	3.12	1.18	0.89	2.56	1.30	33.30
	June	2.46	1.79	3.09	1.02	3.23	1.18	1.72	3.27	6.44	1.46	1.65	25.31
	July	5.38	2.24	5.42	4.52	5.03	2.98	3.31	4.46	3.07	3.16	6.52	46.09
	August	1.84	5.82	5.21	6.03	5.99	3.25	3.54	5.84	5.36	6.04	6.70	55.62
	September...	2.94	2.07	3.78	5.05	4.21	4.67	4.17	6.72	1.40	2.00	2.48	39.49
	October	1.32	2.97	6.4	4.95	4.19	4.89	3.62	3.18	5.02	5.82	6.27	42.57
	November...	1.54	2.66	3.11	5.67	2.24	3.03	5.64	3.85	5.52	6.61	5.51	45.38
	December...	2.51	5.20	5.12	4.50	4.52	2.46	1.16	1.01	3.12	6.87	3.60	40.07
	TOTALS...	39.24	35.91	41.00	46.77	41.72	36.03	36.74	44.36	47.56	39.35	44.04	448.72

Height of g. cannot be entered. See enclosure 1A File 816750/28

1927. Workshop. 15ft. high. g. stands on top of this building.

1930. Gauge moved 14th 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	Direction
1925.	53° 45' 48"	2° 41' 45"	Preston	1/2 mi	S.W.	Preston	1002 yds	S.S.E.
1930			"	2365 yds	SW	Parish Church	1804 yds	S.

RAINFALL at Preston (Moor Park)*

County of Central Lancashire Observer Preston Corpn.

River Basin Ribble & C. - 1.

Type of Gauge Glaisher (+A) 1929

Annual Average 25.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. B.M.N.

816750/28.

Diameter	8.											
Height	1.0.											
Altitude	110.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	4.47	4.45	3.09	3.58	1.93	2.83	2.45	4.40	4.64	3.50		36.34
February	2.92	2.08	3.47	2.0	5.32	1.91	4.95	1.92	3.23	2.19		27.19
March	4.49	2.57	2.64	2.12	1.12	2.46	1.63	1.10	2.13	2.98		19.24
April	2.55	2.75	1.58	2.53	3.50	1.23	2.99	4.5	2.18	2.34		22.10
May	2.17	4.69	2.17	3.52	1.71	1.12	2.09	3.26	1.01	1.65		23.39
June	6.69	1.00	1.75	2.37	3.86	4.74	2.42	4.03	3.59	1.12		31.57
July	3.74	4.52	2.99	1.70	1.78	3.56	1.66	4.52	6.08	4.64		35.19
August	5.12	1.52	3.01	4.46	2.46	2.73	2.27	3.99	1.88	1.95		27.39
September	3.37	5.79	4.98	3.49	7.62	3.75	2.55	1.87	1.25	4.07		34.74
October	2.94	6.50	4.60	6.10	7.19	3.67	2.27	2.55	1.85	3.93		47.60
November	7.37	2.93	1.84	2.45	4.20	4.44	1.71	5.40	6.28	5.17		41.79
December	2.61	2.27	7.77	5.26	3.06	4.98	1.85	4.73	3.09	3.97		32.58
TOTALS	45.44	39.07	28.89	37.77	43.75	38.42	28.84	44.22	37.21	37.51		331.72
	D	D	D	D	D	D	D	D	D	D		426

* Gauge moved to Moor Park from Corpn. Offices in April, 1930. (B.R.)
Observatory 239' high 73' S.

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
1931			Preston	2365 yds.	SW	Preston	1804 yds.	S.

Station No. 2955 MWP (1951)

RAINFALL at Preston (Mon Park)

41

County of Central LancashireObserver Preston Corps.River Basin Ribble & C - 1Jeremiah Horrocks ObservatoryType of Gauge Gieseler (+ A)Jeremiah Horrocks Obsy. (1951)Annual Average 35.3 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. B. of N.File No. E 11 788/70
86.755.128

Diameter	8"			576	634							
Height	10"				1							
Altitude	110'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals.
January	2.26	3.73	5.54	5.01	3.17	4.34	3.23	6.73	2.23	2.42		38.68
February	4.02	1.43	2.21	1.56	4.81	4.67	9.6	2.67	1.92	4.47		23.72
March	2.98	2.74	.95	.73	1.70	.96	5.90	2.23	2.24	1.63		22.06
April	1.44	2.09	2.56	2.74	2.34	1.27	3.29	1.66	4.39	3.23		25.01
May	2.99	3.10	3.82	3.83	2.18	1.65	2.95	1.39	2.50	1.47		26.83
June	.91	1.01	3.79	3.62	4.33	2.97	2.88	4.76	.87	2.43		27.57
July	2.15	4.51	4.33	3.59	2.75	5.77	2.76	2.62	3.04	3.55		35.07
August	5.44	4.08	5.42	2.94	2.67	7.08	.15	4.40	2.46	7.98		42.62
September	1.10	3.31	4.64	5.93	3.13	6.61	4.15	3.38	1.52	6.88		40.65
October	4.28	6.03	4.86	4.42	5.27	.63	.77	2.70	4.71	3.13		36.80
November	2.20	1.13	3.27	7.33	.22	5.64	4.56	2.96	4.25	5.37		36.93
December	2.09	3.88	2.07	3.62	2.14	4.55	3.03	3.33	5.83	3.48		34.02
TOTALS	31.88 D	37.04 D	43.46 D	45.32 D	35.66 2	46.14 D	34.63 D	38.83 D	35.96 D	46.04 D		374.96 4806

1941 Mon Park Observatory 23'9" high 73.6.

348.92

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

BRITISH RAINFALL ORGANIZATION

Station No. 2955

mw. R. 51
(244/6)

RAINFALL at Preston (Moore Park)

County of Central Lancashire

Observer

Preston Corp.

River Basin..... Kibble & Co - 1

Jeremiah Horrocks Obsy.

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. 21176/159
P

File No. 17060/54

Diameter	...	5 ¹¹			576	634	8						
Height	...	1' 0"				1							
Altitude	...	168'				51							
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
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	1.75	4.46	2.58	6.45	4.47	2.28	21.88	
March	...	4.78	1.77	1.88	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	4.42	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	1.64	5.49	49.17	
September	...	2.81	4.69	4.44	6.27	3.27	3.56	6.59	5.73	4.46	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	...	7.93	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	...	45.25	36.42	32.04	54.11	26.98	40.14	41.47	43.24	32.81	43.48	395.94	

2nd 11' level. 31.25'. Dome 25 ft. 30' away. Gorge 5' wide.
A-D-T. Sept. 1954. Gorge was purchased. 31.10.52.
1954 - Open sole recorder installed.

Position of Station on Ordnance One-Inch map :

No. of Maps

National Grid ReferenceSD(34)537311

[illegible]

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ <i>Went - 18</i>	✓ ✓	✓ ✓	✓ ✓	