

RAINFALL AT

Milnrow Pictrome Coldegrave

80

Lat.

Lon.

County of

Lincolnshire

Rain Gauge, by

Observer

J. F. Bateman Esq. F.R.S.

Messing - Inwell 3

Diameter						5					
Height						4.2					
Altitude						894.7					
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						2.72	5.00	1.69	1.47	2.45	
February						3.68	.73	.94	.41	2.13	
March						2.52	3.00	1.58	2.98	2.26	
April						2.36	2.98	1.38	2.74	3.61	
May					#	1.87	2.35	5.75	1.84	.87	2.32
June						1.31	3.89	1.97	.52	2.67	.61
July						4.71	1.67	5.68	2.06	6.96	3.92
August						2.39	1.46	2.29	1.44	4.34	6.55
September...						2.75	4.68	3.99	5.71	1.63	2.59
October						2.39	7.42	6.57	3.12	2.27	5.59
November...						1.78	3.25	2.45	2.73	8.47	1.83
December ...						5.39	1.84	14.91	2.99	3.58	3.16
TOTALS						37.84	45.32	26.00	38.39	37.02	

Annual values rejected from survey (5" low).

RAINFALL AT *Milnrow Pethorne Coldgrave*

Lat. _____

Lon. _____

County of *Lancashire*

Rain Gauge, by _____

Observer

G. H. Hill Esq C.E.

C. J. Batty Esq C.E.

Mersey - Irwell 3

Diameter	5										
Height	4 2										
Altitude	894 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.65	2.87	2.62	1.02	3.71	2.73	2.26	1.47	4.75	6.77	3.385
February ....	.73	.30	1.63	4.60	5.45	.32	2.35	1.89	4.27	1.55	2.309
March	3.87	1.47	.45	.74	3.72	2.99	4.82	4.21	2.18	3.25	2.770
April	1.35	1.91	1.08	.71	1.95	2.27	1.62	3.36	2.92	4.27	2.144
May	3.30	3.28	4.63	2.97	2.49	.70	.65	1.80	4.36	4.10	2.828
June	3.97	1.69	3.52	2.51	3.37	4.63	2.81	3.46	3.47	1.69	3.112
July	3.34	3.32	3.09	3.24	3.05	6.76	2.58	1.47	.64	1.66	2.915
August	6.05	8.50	4.55	2.25	3.67	4.81	3.06	4.34	5.65	1.98	4.486
September....	1.88	3.16	4.64	3.01	.33	1.89	7.95	4.38	.76	6.35	3.435
October	3.14	6.41	7.32	3.45	4.95	4.12	5.43	2.12	5.50	3.97	4.641
November....	5.70	4.00	3.11	2.81	2.59	3.98	1.58	5.23	3.07	1.55	3.363
December ....	.37	7.63	1.73	3.84	4.45	5.59	5.74	7.33	6.13	3.15	4.596
TOTALS ...	39.35	44.54	38.37	31.15	39.73	40.79	40.85	41.06	43.70	40.29	39.983

rejected 60thm 1912

1891, 1892 + 1893 unreliable the fall decreasing rapidly

1898 New Hey Church 2 9 miles S.W.

Annual values rejected from survey (5" low)

RAINFALL AT *Milnor Pithme Coldgrave*
 Lat. Lon. County of *Lancashire South*
 Rain Gauge, by Observer *C. J. Bailey Esq. Ch.*

Irwell 3:

Diameter ..	5										
Height	4.2										
Altitude ..	894'										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..											
February ..	7.73	3.95	2.37	4.09	4.17						
March	4.39	1.52	1.40	4.11							
April	1.52	3.63	2.21	5.35							
May	3.68	2.64	1.71	2.45							
June	1.84	2.03	2.64	2.81							
July	5.76	2.81	1.47	1.86							
August	3.86	2.46	2.30	4.36							
September ..	7.49	2.16	2.78	5.37							
October	2.41	1.00	2.10	5.86							
November ..	8.71	3.01	4.85	9.00							
December ..	6.91	6.12	1.97	3.58							
	11.35	4.54	3.12	2.62							
TOTALS ..	65.65	35.87	28.92	52.46							

low

1900 New Hey Church 2 miles S.W.
 Hills 200 ft high 1/2 mile N + S

1900 surely too big

+ Inspected

Annual values rejected from survey. (5" low).

RAINFALL AT *Milnrow Pithorne Coldgrave*

Lat.

Lon.

County of *Lancashire*

Flaithy
Swindon

Rain Gauge, by *Cassatelli*

Observer *C. J. Batley Esq. Ch.*

Jewells *New Gauge*

Diameter ..			5								
Height			4 6								
Altitude ..			894 ^{ft}								
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..			2.72	4.09	4.17	2.03	5.53	1.64	3.36	2.50	
February ..			1.48	4.11	3.76	1.87	3.59	2.17	2.94	1.95	
March			2.41	5.35	2.40	4.22	3.50	3.33	2.82	3.10	
April			1.84	2.45	3.02	3.03	1.57	2.73	2.47	3.75	
May			2.86	3.81	3.32	.65	3.19	4.09	2.31	2.38	
June			1.60	1.86	1.15	2.90	1.60	7.56	1.94	2.22	
July			2.53	4.36	1.85	2.91	2.41	3.13	5.07	5.52	
August			3.03	5.37	4.80	4.46	4.17	4.16	3.68	3.45	
September..			2.34	5.86	1.87	3.28	1.52	.86	3.95	2.81	
October....			5.29	9.00	1.86	3.70	8.27	6.72	2.13	5.94	
November..			2.19	3.58	3.30	5.12	4.64	3.30	2.47	1.56	
December..			3.46	2.62	3.27	.82	3.58	4.60	2.57	7.25	
TOTALS ..			31.75	52.46	34.77	35.29	43.57	44.29	35.71	42.43	

1902 New Hey Church 2 miles S.W.
Hills 200 ft high 1/2 mile S+N
New Hey Station 2 miles S.W.

† Inspected

Annual values rejected from Runway (5" low)

RAINFALL at Milnrow Lithstone CollieryCounty of South LancashireObserver C. J. Batty, Esq. C.E.River Basin Mersey. Inwell 3Sutton Rain Gauge, by Casartelli

Diameter ...	5										
Height	4.6										
Altitude ...	894 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.13	1.63	3.79	3.68	3.67	6.30	3.75	3.12	2.77	5.04	
February ...	4.25	4.81	2.27	1.58	3.21	4.30	5.21	1.00	6.43	1.05	
March .....	.99	2.13	5.95	5.32	5.60	1.89	6.01	2.93	1.89	4.38	
April	3.72	2.66	1.15	5.17	1.54	1.74	2.66	1.97	1.43	1.76	
May	2.67	1.88	3.70	3.46	2.63	2.41	2.78	1.80	2.38	1.88	
June	5.07	3.42	5.10	2.65	3.16	.92	2.87	2.22	1.34	2.06	
July	4.72	.55	4.19	1.34	4.59	5.11	2.73	2.32	5.42	2.34	
August	5.76	3.27	7.22	2.52	3.60	5.44	3.76	7.83	3.51	3.76	
September ..	.24	3.75	1.69	1.92	2.80	1.00	2.74	2.35	12.32	2.10	
October ...	3.95	3.38	4.52	2.38	2.70	2.38	7.70	7.11	3.87	3.39	
November ..	5.15	5.43	3.09	5.36	5.46	2.12	3.45	3.74	2.17	3.55	
December ...	4.83	6.19	5.66	2.75	6.96	7.86	3.06	2.34	8.50	6.84	
TOTALS ...	46.48	39.10	48.33	38.13	45.92	41.47	43.72	38.73	52.03	38.15	

1912. Hills 200 ft high 1/2 mile N + S

Rejected from Survey. 5" low.

thrupected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			New Hey	2 9/11	SW	New Hey	2 9/11	SW.

RAINFALL at *Thilnrow, Piethorne, Goldgrave, newry.*County of *S. Lancashire* Observer *C. J. Batley CE*River Basin *Mersey. Irwell 3.* *Gledham Corp. Ltd.*~~Summit~~ Rain Gauge, by *Scalella*

Diameter ...			5								
Height				10							
Altitude ...				832							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...				4.73	3.52	4.03	5.34	5.52	12.57	2.42	7.89
February ...				6.86	1.59	7.51	4.26	1.93	6.12	93	1.03
March				2.61	2.07	1.96	2.20	6.11	3.26	1.47	4.21
April.....				4.07	2.41	3.26	2.21	4.52	1.32	1.54	4.72
May				4.63	6.22	4.62	5.67	1.58	1.80	4.04	2.48
June				1.32	3.44	.06	3.22	4.57	7.36	1.69	2.81
July				5.85	4.32	3.16	3.60	3.68	2.03	2.90	7.39
August				5.86	6.53	4.03	5.68	9.23	6.29	6.16	7.55
September...			#	4.08	4.66	6.13	3.81	3.80	6.48	.68	2.21
October.....				1.54	6.22	7.07	6.52	4.48	5.19	5.63	6.36
November...				3.76	8.03	2.95	4.27	6.41	6.09	7.54	9.34
December...				5.64	4.97	6.43	4.43	2.69	2.09	3.79	7.89
TOTALS...				57.81	52.68	47.66	49.56	56.99	58.69	46.96	58.95

1923. Wall of high 30ft away to S.W.

See Inspector's Ct. 7.7.22. 200 yds. E.W. of old g. towards bottom of valley. A beautifully sheltered position. Low hills all round, land rises slightly to N.E. Dry stone wall 4ft high 30ft E.W.

1926. Hills 200 ft. high, $\frac{1}{2}$ m. N.W.S.Position of Station on reduced Ordnance Survey
Map, 2 miles 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
1922	53° 46' 30"	2° 2' 57"	New Hey	2 m	S.W.	New Hey	2 m	S.W.

RAINFALL at Milnrow (Piethorne, Coldgreave)County of South LancashireObserver C. J. Bailey Esq. C.E.River Basin Mersey-Ince-3C. B. Fairfield Esq. (122)Type of Gauge M.O.Annual Average 46.3 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5

660607/26.

Diameter	5".										
Height	1.0.										
Altitude	832.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	5.98	6.31	3.49	3.90	2.01	4.75	4.17	6.72	7.10	2.37	46.80
February	6.84	5.5	5.45	3.6	6.66	3.54	7.05	2.10	5.97	3.12	41.64
March	4.6	3.07	4.58	3.70	2.11	3.34	3.29	1.13	3.66	3.95	29.29
April	4.23	4.41	2.36	3.34	4.69	2.18	2.50	7.1	2.88	3.36	30.66
May	3.29	6.19	2.00	3.28	1.31	1.81	2.35	4.19	2.12	1.30	27.84
June	6.66	1.07	3.55	2.53	5.59	6.03	2.59	4.02	3.45	1.04	36.53
July	5.12	4.95	3.62	3.60	2.29	4.50	2.29	4.55	7.04	5.43	43.39
August	7.02	1.94	1.53	3.57	2.17	2.64	2.44	4.08	2.44	2.40	30.20
September	4.87	5.50	2.38	4.34	7.68	5.87	2.03	1.81	1.74	5.13	41.35
October	2.84	5.23	4.90	5.55	10.23	5.75	2.81	9.35	3.56	5.45	58.67
November	8.47	3.73	2.59	3.27	7.31	6.88	2.98	5.09	8.09	8.80	57.21
December	2.51	2.52	6.9	6.71	3.69	4.45	2.92	6.05	4.35	5.15	39.04
TOTALS	58.29	48.49	37.14	44.15	55.74	51.74	37.42	49.75	52.40	47.50	482.62
	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	

Wass 6' high 30' SW.

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			How Hey	2m	SW.	How Hey.	2m.	SW

Station No. 2859

RAINFALL at Midmore (Petham's Green) Green

41

County of South Lancashire Observer C. Brookfield Esq.River Basin Murray Thurnell - 3Type of Gauge M.O.Annual Average 46.3 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 660607/26

Diameter	5"											
Height	1' 0"											
Altitude	832'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.22	5.40	6.40	7.32	5.32	6.12	4.25	10.93	2.29	3.05	53.30	
February	6.91	2.01	3.82	2.79	6.43	7.35	.69	3.77	3.08	5.85	42.50	
March	6.36	3.76	1.73	.63	1.68	2.02	7.46	2.05	2.03	2.40	30.12	
April	4.30	2.93	2.76	3.47	2.97	2.13	5.26	2.45	4.65	3.95	34.87	
May	2.99	5.05	3.06	5.23	4.86	2.92	2.83	1.69	5.02	2.26	35.09	
June	1.56	1.27	4.33	3.87	6.06	3.63	3.93	5.38	.87	2.75	33.65	
July	2.59	4.70	3.12	4.45	1.95	5.31	3.33	2.02	2.30	4.23	34.00	
August	9.94	5.62	6.06	4.15	3.09	5.32	.45	5.48	2.99	6.71	47.61	
September	.92	3.02	4.88	5.45	3.28	7.82	3.87	3.00	1.42	7.33	40.79	
October	5.42	6.93	3.45	5.39	7.21	1.36	1.28	2.94	5.09	2.99	42.06	
November	3.91	1.38	3.81	9.21	.85	9.06	8.07	2.33	9.48	6.35	52.25	
December	2.83	4.60	2.92	5.61	3.11	4.38	5.15	4.59	8.16	3.69	45.04	
TOTALS	46.93	46.67	46.34	57.57	46.81	56.82	46.57	46.63	25.38	51.56	491.28	

1941 Wall 6' high 30' S.W.

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			New Hey	2 m.	S.W.	New Hey	2 m.	S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 2859RAINFALL at Milnrow (Pichborne, Cold Green)

51

County of L. LancashireObserver E. Busfield Esq.River Basin Mersey-Lanc. 3Type of Gauge N.O.Annual Average 46.3 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. 5" " 44.59 " " 33 " " within 1922-57 " " 1936-50 File No. 66067/26

Diameter ...	5"			561	463						
Height ...	1' 0"				1						
Altitude ...	832'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.44	5.35	1.83	4.33	3.37	5.49	5.04	4.65	4.16	6.76	46.42
February ...	3.45	1.48	3.13	3.42	2.97	1.70	3.73	6.79	.50	3.26	30.83
March ...	5.98	3.05	2.46	3.09	2.68	1.64	4.35	2.53	2.27	1.66	29.71
April ...	2.86	4.19	4.28	.92	2.30	4.29	.53	1.32	4.76	2.93	28.38
May ...	2.90	2.83	3.38	3.76	4.45	2.02	1.69	4.51	2.86	2.09	30.49
June ...	.66	3.67	2.72	3.95	3.73	3.49	2.54	6.04	2.91	1.90	31.56
July ...	4.45	2.71	5.87	5.60	1.20	7.34	5.80	5.11	4.08	8.59	50.75
August ...	6.34	4.59	5.36	7.53	1.04	12.49	5.86	6.26	.71	6.17	56.29
September ...	3.31	4.17	3.43	6.71	3.12	4.63	6.24	5.63	.62	3.53	41.39
October ...	1.55	6.62	2.60	8.61	2.62	3.08	7.08	4.80	4.76	6.00	47.72
November ...	8.76	2.91	5.10	7.01	2.20	2.00	3.58	1.88	5.61	7.62	46.67
December ...	8.37	4.35	2.05	7.19	6.23	4.96	5.38	5.16	8.31	4.94	56.94
TOTALS ...	54.47	45.82	42.15	62.12	35.91	53.13	51.82	54.73	41.55	55.45	497.15
	D	D	D	D	D	D	D	D	D	D	

1951 Wall at 6' high 30' to SW.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD(34)962126

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.
1951			<u>New Hay</u>	2 m.	<u>SW</u>	<u>New Hay</u>	2 m. <u>SW</u> .

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		<u>cimp 1922</u>	✓	✓	
		<u>D 23-30</u>	✓	✓	