

RAINFALL AT *Blackburn* *Witton*

70

Lat.

Lon.

County of *Lancashire*

Rain Gauge, by

Observer. *W. B. Bryan*

Diameter...									8			
Height ...									2.6		2	
Altitude ...									315			
Year ...	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January ...								6.68	3.87	1.36		
February ...								4.89	1.74	2.55		
March								4.34	1.81	1.72		
April								2.45	1.46	1.59		
May								3.75	5.27	2.24		
June								2.37	2.77	4.60		
July								5.68	1.11	5.19		
August ...								7.34	6.72	6.26		
September ..								4.88	5.40	2.91		
October ...								5.78	4.74	3.20		
November ..								5.81	3.60	1.15		
December ..								5.26	2.56	2.59		
TOTALS ..								59.23	41.05	35.36		

RAINFALL AT *Blackburn, Milton*

80

Lat. _____

Lon. _____

County of _____

Lancashire

Rain Gauge, by _____

Observed _____

M. B. Brown, Esq., C.E.

J. B. M. Callum Esq. C.E.

Ribble & Co.

Diameter	8										
Height	2.0		2.6								
Altitude	355										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	3.7	5.2	3.41	5.61	5.06	2.09	5.83	3.31	1.84	1.84	2.988
February	3.11	5.10	2.44	4.07	3.22	3.26	7.9	1.51	1.33	2.69	2.762
March	2.64	3.86	4.07	1.29	3.12	3.13	2.55	2.25	3.48	3.11	2.950
April	1.31	1.42	5.88	2.18	.98	2.09	2.47	1.88	1.78	2.26	2.225
May	2.64	4.05	2.12	.89	1.69	1.63	4.36	2.09	.83	2.95	2.325
June	4.20	2.64	5.39	4.96	2.34	3.34	1.98	.80	2.20	.67	2.852
July	5.91	4.35	5.82	2.91	4.30	1.94	4.39	1.68	7.70	2.97	4.197
August	2.05	4.84	4.68	2.47	1.89	1.74	1.86	2.40	4.29	6.56	3.278
September....	4.30	1.86	2.17	6.22	3.62	4.62	4.06	5.00	1.56	4.22	3.763
October	3.26	2.59	3.47	5.05	2.55	4.99	5.31	2.46	2.52	3.34	3.554
November....	5.05	4.62	6.84	4.32	1.72	3.07	3.31	2.06	5.68	2.31	3.898
December....	6.73	4.70	3.84	3.85	5.15	2.67	6.49	2.84	2.60	3.81	4.268
TOTALS	41.57	40.55	50.13	43.82	35.64	34.57	43.40	28.28	35.81	36.73	39.050

1888 St Mary's Church 1700 yds E

1889 Given as 36.43 in P.T. rec'd 26.109.

RAINFALL AT Blackburn Witton

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer

J. B. McCallum Esq. C.E.
John Lund Esq. C.E. W. R. H. Esq. C.E.

Ribble & Co.

Diameter	8											
Height	2 6											
Altitude	315 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.32	3.10	3.63	1.47	3.46	2.82	1.78	1.34	4.38	6.38	3.368	
February ....	.84	.27	2.84	5.23	4.99	.39	2.45	3.34	3.28	2.12	2.545	
March	3.29	1.66	1.04	.98	3.17	3.44	5.76	4.37	2.17	3.17	2.905	
April	1.38	2.18	1.96	.51	1.46	3.04	2.21	2.80	2.06	4.39	2.199	
May	2.30	2.75	4.49	2.22	2.86	.61	.68	2.86	3.54	3.13	2.544	
June	4.65	1.71	3.91	2.63	3.33	2.42	3.24	4.23	3.68	1.62	3.143	
July	3.08	3.98	2.03	3.94	4.03	5.06	2.54	2.33	1.07	2.00	3.006	
August	6.83	8.71	6.07	3.41	6.63	4.41	3.54	7.23	5.90	1.33	5.406	
September...	4.57	3.89	4.96	5.78	1.30	1.75	7.73	4.79	1.79	7.31	4.387	
October	3.74	4.55	4.68	5.15	3.27	5.06	5.38	2.65	3.30	3.24	4.102	
November...	8.14	4.77	2.54	3.72	3.67	3.49	1.77	4.82	3.93	2.48	3.933	
December...	.46	7.91	2.58	4.95	3.37	5.02	4.81	4.66	4.87	3.67	4.230	
TOTALS ...	44.60	45.48	40.73	39.99	41.54	37.51	41.89	45.42	39.97	40.85	41.798	

Correction sent 17-XI-92

1880

RAINFALL AT

Blackburn Wotton

Lat.

Lon.

Central

County of

Lancashire South

Rain Gauge, by

Observer

W. Stubbs Esq. Cl.

Ribble

Diameter ..	8										
Height	2.6										
Altitude ..	315										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	5.90	2.84	4.44	4.26	3.95	2.24	5.23	1.88	3.69	2.84	3.72
February ..	4.33	1.88	1.70	3.97	4.65	2.54	3.57	2.46	3.48	2.28	3.12
March ....	.62	4.00	3.73	5.30	2.71	2.43	3.46	4.19	3.51	2.72	3.26
April	2.21	2.38	2.71	2.56	2.83	3.35	2.10	2.10	2.16	4.46	2.68
May	1.98	.70	3.52	3.14	2.54	.49	3.90	4.14	3.25	2.93	2.65
June	2.42	2.21	1.28	1.72	1.72	2.84	1.73	8.46	2.16	3.03	2.75
July	2.21	1.70	3.81	3.58	1.67	2.94	2.38	3.47	4.23	6.89	3.28
August	5.90	2.23	3.14	5.79	4.24	3.59	3.54	5.03	4.35	3.16	4.09
September ..	2.60	1.11	2.12	5.67	1.14	2.96	1.34	1.63	4.77	2.76	2.61
October	7.66	4.15	4.81	9.49	2.84	4.05	6.54	3.55	1.55	6.05	5.00
November ..	3.37	6.77	2.33	3.65	3.57	5.19	4.62	2.88	4.13	1.82	3.83
December ..	4.77	5.00	4.39	3.15	3.14	.77	5.40	4.65	2.99	6.97	4.12
TOTALS ..	43.37	34.97	37.98	52.28	35.00	33.39	43.81	44.44	40.67	45.86	41.17

H. S.

RAINFALL at Blackburn StationCounty of Central LancashireObserver W. Stubbs Esq. Ch.River Basin Ribble + C 1J. T. Shield Esq. Ch. 1915
A. T. Gossman Esq. Ch. 1918.

Rain Gauge, by _____

Diameter ...	8										
Height	2.6							1.6			
Altitude ...	315 π										
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.24	1.74	4.01	5.91	3.94	7.26	3.72	3.34	3.72	5.34	
February ...	4.78	4.74	1.85	1.86	4.13	7.56	4.32	1.13	6.18	.94	
March	1.10	2.31	6.54	6.28	6.27	2.33	2.36	3.00	1.61	7.61	
April	4.07	3.37	.91	5.87	1.85	2.98	4.39	2.76	1.73	3.18	
May	3.84	3.30	2.33	4.71	2.61	1.79	3.26	1.83	2.28	1.83	
June	3.40	4.78	5.87	3.35	3.46	2.24	3.06	2.78	2.99	2.04	
July	5.28	.35	5.63	1.69	5.19	4.45	2.39	2.86	3.82	2.23	
August	7.04	3.54	7.39	3.13	2.92	6.35	3.30	6.82	5.92	4.59	
September ..	.59	4.57	1.98	2.17	5.37	.93	2.83	2.79	15.31	2.88	
October ...	3.85	3.51	4.76	2.55	2.67	1.43	9.14	10.84	4.60	3.01	
November ..	5.51	4.21	4.37	6.16	7.47	2.29	3.12	7.31	3.30	3.64	
December ...	4.18	8.21	4.96	4.24	7.20	6.92	3.33	3.77	8.89	7.75	
TOTALS ...	49.85	44.63	50.65	47.92	53.08	46.53	45.22	49.23	60.35	45.04	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Blackburn MiltonCounty of E. LancashireObserver A. T. Gosseman Esq. C.B.River Basin Pibble & C. 1H. M. Webb, Esq. C.E. (126)(1930) H.O. Rain Gauge, byBurn' Eng. Blackburn

Diameter ...	8										
Height	1 6										
Altitude ...	315										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930
January	4.86	7.72	3.26	4.24	3.30	3.24	4.57	4.19	10.34	2.03	6.10
February ...	4.18	4.42	5.66	6.72	1.12	6.78	4.41	1.81	4.45	.81	.37
March	5.01	3.53	2.46	1.25	1.34	1.93	1.95	4.11	3.13	1.31	2.86
April	4.64	2.40	3.02	3.80	1.75	2.53	1.99	2.84	1.18	1.16	1.96
May	6.85	2.58	1.86	4.05	5.18	3.79	3.42	1.20	1.22	2.75	1.50
June	3.09	4.23	6.66	1.22	2.88	.10	3.24	4.15	5.52	1.48	2.68
July	5.80	2.39	5.69	4.79	4.34	2.35	3.29	4.14	2.47	3.63	6.28
August	2.36	5.70	6.06	6.49	6.54	3.36	3.90	5.41	7.63	5.66	7.93
September...	3.15	2.47	3.71	5.25	5.00	3.87	4.96	7.01	1.14	1.84	2.78
October	1.50	3.66	7.2	5.94	4.32	5.43	3.64	3.64	5.25	6.44	6.30
November...	2.17	2.62	3.57	6.11	2.59	3.76	6.83	4.15	6.02	7.35	6.27
December...	2.63	6.76	5.95	5.04	5.40	3.05	1.67	1.33	3.06	8.24	3.93
TOTALS...	46.24	40.67	45.62	54.90	43.76	40.19	43.87	44.08	51.74	42.73	48.96

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1930			Blackburn	2,000 yds	NE	Blackburn	1,800 yds	NE

RAINFALL at Blackburn (Witton)

County of Central LancashireObserver H. M. Webb Esq. C.E.River Basin Ribble & C-1W. Pirkett Esq. C.E.Type of Gauge MO.G. McKays (from 1939)Annual Average 42.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 660553/26.

Diameter	...	9.										
Height	...	1.6.										
Altitude	...	315.										
Year	...	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	...	5.96	5.09	2.99	3.30	2.15	3.75	2.55	3.83	4.18	1.99	
February	...	4.95	.08	4.13	.23	4.85	2.40	4.39	1.16	3.24	1.78	
March	...	.40	2.64	2.25	2.40	.83	2.25	1.72	1.07	2.00	2.16	
April	...	3.04	2.99	1.48	2.28	3.07	1.08	2.59	.56	2.37	2.39	
May	...	1.84	4.16	1.37	3.34	1.61	.76	2.31	3.24	1.83	.98	
June	...	5.77	.89	1.79	2.17	2.32	3.97	2.06	3.88	2.90	.84	
July	...	4.00	4.09	2.60	1.77	2.02	3.49	1.44	2.78	5.55	4.78	
August	...	5.82	1.41	2.72	4.29	1.45	1.98	3.37	2.73	2.03	2.55	
September	...	3.90	6.58	.99	3.14	7.52	3.88	1.77	1.82	1.24	4.38	
October	...	3.18	6.78	4.44	5.30	7.41	3.53	1.66	7.70	2.24	3.94	
November	...	6.55	2.70	2.23	2.48	4.01	4.31	1.72	5.31	6.10	6.03	
December	...	2.10	1.72	.61	5.31	3.41	4.19	1.76	4.67	2.63	3.93	
TOTALS	...	47.51	39.13	27.60	36.01	40.65	38.59	27.34	39.75	36.31	35.65	
		D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

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			Blackburn	2000 yds	NE	Blackburn	1800 yds	NE.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 2950

RAINFALL at Blackburn (Winton)

41

County of Central Lancashire Observer J. M. Kay

River Basin Ribblesdale - 1

Type of Gauge M.P. Snowden

Annual Average 42.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 660553/26

Diameter	8"			576	133						
Height	1'6"				1						
Altitude	315'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.59	4.36	4.67	4.66	3.07	4.08	3.54	7.57	2.31	3.42	
February	5.02	1.41	2.17	1.75	4.35	5.48	.84	2.14	2.83	4.78	
March	3.05	3.27	.89	.60	1.46	.76	6.10	1.73	1.95	1.77	
April	1.31	1.73	2.29	1.86	2.11	1.49	3.48	1.84	3.72	2.95	
May	2.33	2.47	2.53	3.24	3.19	1.23	2.63	1.46	3.38	1.83	
June	.70	.76	3.05	3.38	3.89	2.28	2.75	4.95	1.31	2.64	
July	2.34	4.43	2.44	3.71	2.71	4.92	3.10	1.83	2.53	3.81	
August	5.71	4.03	5.20	2.98	1.69	7.20	.21	4.36	3.03	7.88	
September	1.29	2.43	4.01	5.27	2.48	6.94	4.39	2.75	2.36	6.62	
October	4.29	5.31	3.61	4.35	5.54	1.17	.75	2.74	4.53	3.15	
November	2.30	.37	3.24	6.32	.31	5.46	4.18	2.30	5.69	6.33	
December	2.51	3.42	1.97	4.15	2.15	4.59	3.42	3.47	6.01	2.80	
TOTALS	32.42	35.25	36.07	42.27	32.95	45.60	35.39	37.14	39.65	47.98	
	D	D	D	D	D	D	D	D	D	D	

1943 n.p. low.

1944 n.p. low.

236.74

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			Blackburn	2000y.	N.E.	Blackburn	1800y.	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 2950

51

RAINFALL at Blackburn (Witton)

County of Central Lancashire

Observer E. McKay Esq. C.E.

River Basin Ribble & C-1

Fylde Water Board (C/4/60)

Type of Gauge Snowdon

Bourneley Brg. Blackburn

Annual Average 42.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 660.553/p6

Diameter ...	8"			576	133	5"	5"				
Height ...	1' 6"		2' 7"			1'	1' 0"	1' 0"			
Altitude ...	315'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.97	4.25	1.41	4.52	1.91	(4.50)	3.07	4.08	2.58	6.07	
February ...	3.17	1.16	1.25	3.30	1.76	.73	3.19	7.93	1.61	3.52	
March ...	4.50	1.46	1.48	2.65	1.51	1.47	2.88	1.68	1.64	1.10	
April ...	2.47	3.51	2.57	.81	2.06	2.76	.46	1.36	2.82	2.43	
May ...	1.62	2.19	1.75	2.55	3.26	1.78	2.40	5.06	1.63	1.95	
June ...	1.26	2.87	2.02	2.69	2.64	2.50	2.04	4.32	3.39	1.33	
July ...	3.42	2.42	3.27	5.33	.93	5.37	5.72	3.61	4.77	8.68	
August ...	3.90	6.76	4.84	6.32	1.15	11.60	5.97	4.81	.57	4.47	
September ...	2.44	3.93	3.92	6.35	3.30	3.92	7.63	4.52	.53	3.40	
October ...	1.34	3.33	2.00	6.70	2.63	2.60	6.80	4.38	5.57	3.21	
November ...	7.94	2.39	4.66	6.32	2.46	1.81	2.11	1.75	4.96	7.96	
December ...	9.19	3.43	1.58	5.10	4.65	4.67	6.02	3.86	8.68	4.87	
TOTALS ...	45.22	37.70	30.75	52.64	28.26	43.71	48.29	47.41	37.75	48.99	
	D	D	D	D	D	D	D	D	D	D	

Ins. 2.10.53. G. buckered and badly leaking. set in earthenware pipe - run 2' 7" above ground. Mound of earth rises from half-way up pipe to level of run 3' away S.W. New g. to be set up 10 yards N.E. of present site.

1956 New gauge set up in new site 10 yds N.E. on 1st Feb.

1956 New gauge set up in new site 10 yds N.E. on 1st Feb.

1956 n.p. too much estimation Jan std (4.50) by Sun std. To complete record. Station regarded as continuation of 2950 old g. from which readings Jan-Feb '56 are obtained in file.

40004

An av. 42.55 in. based on 12 yrs obs. 1923-57. 1 1/2 in. obs. Period of average 1916-50. Ref. S - Rejected

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 9D 669 276

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Blackburn	2,000 x N.E.	Blackburn	1800 x N.E.

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ n.p. 43, 44	✓
	-	225-30			