

RAINFALL AT Blackburn WW. Samsbury, Lower Nabs Head Farm

Lat. Lon. County of Lancashire.

Rain Gauge, by Observer

Diameter.												
Height.												
Altitude.											240	
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.												
February.												
March.												
April.												
May.												
June.												
July.												
August.												
September.												
October.												
November.												
December.												
TOTALS.											3566	

1879-1892 Entered from P.V. (G. H. Hill) 29. XI. 1913.

RAINFALL AT Blackburn, Pleasington 80

Lat. _____

Lon. _____

County of _____

Lancaster

Rain Gauge, by _____

Observer _____

 W. B. Bryan, Esq. C.E.
 J. B. Mc. Callum Esq. C.E.

Ribblesdale

Diameter	8										
Height	3.0	2.6									
Altitude	232										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	.58	.59	4.05	5.29	4.60	1.75	4.62	2.95	1.10	2.07	2.760
February	3.11	5.11	2.60	3.45	2.73	2.50	.60	1.35	.92	2.30	2.467
March	2.74	3.37	3.71	.85	2.85	2.65	1.82	2.00	2.67	2.75	2.541
April	1.39	1.55	5.26	2.26	1.02	1.32	1.90	1.40	1.55	2.17	1.982
May	2.42	4.28	2.46	.87	1.35	1.68	4.02	1.59	.31	2.71	2.169
June	3.32	2.60	4.65	4.12	1.73	2.35	1.70	.64	2.13	.68	2.392
July	5.06	4.74	6.04	2.50	4.68	1.53	3.62	1.58	6.13	2.61	3.849
August	2.15	5.05	4.57	2.49	2.23	1.46	1.40	1.59	4.41	6.85	3.220
September	3.31	2.15	2.32	5.65	3.50	4.52	3.31	5.35	1.76	3.67	3.554
October	3.30	2.22	2.96	4.77	2.08	4.60	5.10	2.25	2.52	3.50	3.330
November	5.00	4.82	6.38	3.66	1.56	2.58	2.55	1.82	6.00	2.40	3.677
December	6.06	4.97	3.25	3.14	3.89	2.04	4.48	2.90	2.40	3.73	3.686
TOTALS	38.44	41.45	45.25	39.05	32.22	28.98	35.12	25.42	31.90	35.44	35.627

RAINFALL AT *Samlesbury, Lower Nabs Head Farm*

Lat.

Lon.

County of

*Lancashire**Ribble sb. 1*

Rain Gauge, by

Observer

Diameter												
Height												
Altitude	240											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January												
February												
March												
April												
May												
June												
July												
August												
September...												
October												
November...												
December												
TOTALS ...	38.44	41.45	48.25	39.05	32.22	28.98	35.12	25.42	31.90	35.44		

1879-1892. Entered from P.V. (G. H. Hill)

29. XI. 1913.

RAINFALL AT Blackburn Pleasington

Lat. _____

Lon. _____

County of Lancashire

Rain Gauge, by _____

Observer

J. B. McCallum Esq. C.E.

Ribble & Co.

Diameter	8											
Height	2 6											
Altitude	232 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.22	2.60	3.15									
February ....	.88	.60	3.00									
March	3.36	1.35	.94									
April	1.21	1.78	1.73									
May	2.00	2.35	4.75									
June	4.65	2.05	4.50									
July	3.82	4.20	2.40									
August	6.11	7.57	6.25									
September...	4.35	4.50	5.00									
October.....	3.50	4.50 5.40	5.30									
November....	7.30	5.50	3.00									
December ....	.33	9.00	3.00									
TOTALS . . .	42.73	46.90	43.02									

Corrections sent 17-XI-92

RAINFALL AT

Nabs Head Farm
Blackburn Lancashire

Lat. _____

Lon. _____

County of

Lancashire

Rain Gauge, by _____

Observer

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

Ribble & Co.

J. W. Lund Esq. C.E. W. Callum Esq. C.E.

Diameter						8					
Height						1 - 0					
Altitude	240			240							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				1.30	1.72	2.40	1.15	1.70	3.74		
February				5.65	4.00	.25	1.00	2.35	2.51		
March				1.01	2.25	2.90	4.80	3.20	1.44		
April .....				.18	1.85	1.70	1.15	3.05	2.00		
May				1.30	1.85	.40	.15	2.25	2.94		
June .....				.55	2.75	1.50	2.40	3.68	2.48		
July				4.85	3.32	3.50	2.30	2.17	.70		
August				3.80	5.56	3.15	4.20	5.70	5.22		
September....				5.85	.68	.90	4.90	3.95	1.01		
October				5.35	2.80	1.94	5.47	2.75	3.30		
November....				1.92	2.70	2.50	1.68	4.00	2.70		
December				4.80	2.78	1.10	2.20	3.55	3.20		
TOTALS	42.73	46.90	43.02	36.56	32.26	22.24	31.40	38.35	31.24		

1895 Return 15 inches short

1899 Gauge out of order

Called Nabs Head Farm in P.T. rec'd 26 1. 09.

1879-1892 (totals). Entered from P.V. (G. H. Hill) 29. XI. 1913.

RAINFALL AT *Blackburn Samlesbury Sewage Works*

Lat.

Lon.

Contd. *S. Lancashire*County of *S. Lancashire*

Rain Gauge, by

Observer. *W. H. E. J. C. L.**Ribble* 1

Diameter ..					8						
Height											
Altitude ..					240						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					3.33	1.53	4.28	1.42	3.18	2.11	
February ..					2.72	1.83	2.81	1.93	2.55	1.52	
March					2.72	2.84	3.13	3.44	3.21	2.45	
April					2.31	2.35	1.81	1.71	2.93	3.99	
May					2.62	.61	4.41	4.38	2.77	2.38	
June					1.41	3.10	1.86	7.32	1.89	2.93	
July					1.98	3.42	2.13	3.56	3.95	5.58	
August					5.20	3.75	4.11	4.39	3.73	3.06	
September..					2.01	3.03	1.20	.91	4.38	2.40	
October....					2.34	3.62	6.46	3.49	1.98	5.25	
November..					2.91	4.99	3.61	2.49	3.89	1.52	
December ..					2.67	.63	3.84	4.76	2.48	5.13	
TOTALS ..					32.22	31.70	39.65	39.80	36.94	38.32	

RAINFALL at Blackburn Samusbury Sewage WorksCounty of Central LancashireObserver W. Stubbs Esq. C.E.River Basin Ribble & C 1J. T. Shield Esq. C.E. 1915
A. T. Goosman Esq. C.E. 1918.

Rain Gauge, by _____

Diameter ...	8												
Height .....	.								1.6				
Altitude ...	240												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.		
January ...	4.44	1.14	2.75	3.84	2.90	5.68	2.96	2.55	2.11	5.09			Totals 16.19 12.71
February ...	2.98	3.49	1.48	1.16	2.80	5.04	3.52	1.15	4.30	1.12			10.39
March .....	.87	1.52	5.36	4.13	4.16	2.13	2.19	2.75	1.37	8.66			11.97
April	2.78	2.94	.60	4.35	1.24	2.48	3.61	2.04	1.43	2.28			9.36
May	3.34	1.41	2.50	3.22	2.23	1.62	2.74	1.68	1.88	1.66			7.96
June	2.72	3.84	5.55	2.46	2.02	2.16	2.74	2.68	2.09	1.73			9.24
July	4.78	.58	5.85	1.58	4.71	3.93	3.30	3.23	4.37	1.73			12.03
August	5.24	2.29	5.95	2.18	2.61	6.10	3.54	5.73	4.98	4.02			18.27
September ..	.42	5.02	1.58	1.60	4.13	.86	2.81	2.74	13.10	2.80			21.43
October ...	3.25	2.50	3.81	1.90	2.03	1.05	7.56	8.25	4.26	2.91			22.98
November ...	5.36	3.38	3.22	4.38	5.89	1.80	2.82	5.07	2.70	3.09			13.68
December ...	2.83	5.81	3.89	3.26	5.45	7.06	3.51	2.29	7.92	6.64			20.36
TOTALS ...	39.01	33.92	42.47	34.04	40.17	39.91	41.60	40.16	50.51	38.73			171.00 146.6

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

RAINFALL at Blackburn, Sarnesbury Sewage WorksCounty of Co. LancashireObserver A. T. Gosseport Esq. B.Sc.River Basin Ribble & c.H. M. Webb, Esq. B.Sc. ('26)1930 M.O. Rain Gauge, byBore's Eng. Blackburn

Diameter ...	8											
Height	1.6											
Altitude ...	240											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS 1920	TOTALS.
January ...	3.99	6.66	2.89	3.89	3.11	3.11	4.11	4.28	8.54	1.81	5.47	47.86
February ...	3.01	.31	4.53	5.80	.96	6.36	4.61	1.43	4.08	.97	.30	32.36
March	4.43	3.41	1.95	1.14	1.44	1.73	1.27	3.22	2.10	1.36	2.53	24.68
April	4.13	1.88	2.48	3.23	1.54	2.71	2.17	2.20	1.04	1.21	1.85	24.44
May	7.05	2.41	2.09	4.05	5.38	3.95	3.62	1.27	1.11	2.62	1.28	34.83
June	3.07	.38	2.79	1.23	2.89	.23	1.74	3.66	5.54	1.81	2.35	25.69
July	5.34	2.23	5.38	4.44	4.38	2.65	3.95	3.77	2.74	3.18	5.95	44.01
August	1.79	5.23	6.07	5.45	5.90	3.77	4.27	5.61	6.86	5.40	6.29	56.64
September...	2.69	1.88	3.76	4.68	4.34	4.49	4.79	6.81	1.41	2.08	2.73	37.66
October	1.28	3.88	.90	5.13	5.03	5.38	3.89	3.01	5.45	6.40	5.67	46.02
November...	1.92	2.50	2.82	5.50	2.68	2.74	6.21	3.67	5.17	6.63	5.13	44.97
December...	2.53	6.07	5.28	4.49	4.88	2.84	1.67	1.20	2.92	7.09	3.79	42.76
TOTALS...	41.23	36.84	40.94	49.03	42.53	39.96	42.40	40.13	46.96	40.56	43.34	463.92

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.			Highton	2mi	SSW	Sarnesbury	2 1/2 mi	E

RAINFALL at Samlesbury Sewage WorksCounty of Central LancashireObserver H. M. Webb, Esq. C.E.River Basin Ribble & c. - 1.W. Pickett Esq. C.E.Type of Gauge NO. Swanton 1940G. Mc Kay C.E. (from 1939)Annual Average 36.2 in. based on 42 years obs. un-weighted. Period of average 1881-1915 Ref. S

660553/26

Diameter	8.											
Height	1.6.											
Altitude	240.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	3.97	4.49	3.02	3.06	2.00	3.51	2.26	3.39	4.09	2.13		31.92
February	3.91	1.0	3.75	2.6	5.00	1.94	4.12	1.18	3.08	1.95		25.29
March	4.46	2.32	2.57	2.62	1.94	2.26	1.70	1.87	1.96	2.51		18.21
April	2.98	2.68	1.42	2.23	2.76	1.37	2.47	4.3	2.12	1.96		20.22
May	1.98	4.54	1.54	3.25	1.67	1.19	2.30	3.27	1.11	1.19		22.04
June	6.47	1.07	2.70	2.19	2.86	4.15	2.00	4.27	5.24	1.82		31.57
July	3.92	4.12	2.65	1.59	2.39	3.74	1.65	4.13	6.57	4.05		34.81
August	5.68	1.59	2.70	3.74	1.85	2.19	2.87	2.98	1.93	2.40		27.93
September	3.54	5.73	1.63	3.82	8.06	4.10	2.11	1.92	1.43	4.03		36.07
October	2.69	5.87	4.36	5.54	7.28	4.03	1.90	3.08	2.30	3.91		45.96
November	6.60	2.56	1.76	2.74	4.26	4.70	1.69	4.85	5.70	5.46		40.32
December	2.00	1.59	1.74	4.78	3.07	3.81	1.35	4.61	2.60	3.52		28.07
TOTALS	44.20	36.46	28.84	35.52	42.14	36.99	26.42	39.98	38.13	33.93		362.61
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		D.

1940 Jan. card. for snow.

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			Hoghton	2m	SSW	Samlesbury	2 1/2 m	E. W.

Station No. 2956

RAINFALL at Samblesbury Sewage Works

41

County of Central Lancashire Observer E. H. Kay Esq C.F.River Basin Ribble & L. - 1Type of Gauge StandardAnnual Average 36.9 in. based on 42 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 660553/26

Diameter	8"			576	318							
Height	1'6"				1							
Altitude	240'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.35	3.45	4.91	4.57	2.39	3.63	3.28	6.35	1.78	2.45		Totals 34.16
February	4.00	1.11	1.92	1.47	4.19	4.89	.87	2.11	2.02	4.38		26.96
March	2.98	2.71	.91	.78	1.52	.78	4.74	1.85	1.70	1.41		19.38
April	1.32	1.45	2.20	2.23	2.10	1.28	(3.17)	1.76	3.42	3.06		21.99
May	2.25	2.52	2.47	3.95	3.26	1.41	2.37	1.66	2.87	1.38		24.14
June	.89	.78	3.39	2.67	4.28	2.87	2.92	5.26	1.23	2.34		26.63
July	2.11	4.50	3.15	3.64	2.43	4.31	3.11	2.32	3.17	3.97		32.71
August	5.63	4.58	5.55	3.22	1.98	6.47	.14	4.57	2.86	7.43		42.43
September	1.25	3.18	3.97	6.17	2.90	6.46	4.21	2.91	2.33	6.10		39.48
October	4.16	6.55	4.22	5.16	5.01	.96	.79	2.42	4.18	3.18		36.63
November	2.00	1.14	2.64	6.65	.22	5.38	4.38	2.35	3.97	6.11		34.84
December	1.94	3.40	2.03	3.25	1.92	4.85	3.10	2.85	5.51	3.02		31.87
TOTALS	29.88	353	37.36	43.76	32.20	43.29	33.08	36.41	35.04	44.83		371.22

1947 April part not in snow.

04004

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			Houghton	2 m.	S.S.W.	Samblesbury	2 1/4 m.	W.

BRITISH RAINFALL ORGANIZATION

A.M. Form 1903. **Air Ministry, Meteorological Office.**Station No. 2956RAINFALL at Samlesbury (Lourage Works)

51

County of Central Lancashire

Observer

H. Mc Kay Esq. C.F.River Basin Ribble & 6-1Am. S. for 1955 Record BookFylde Water Board (1/4/60)
Boro. Engineer, Blackburn.Type of Gauge London GlaisherAnnual Average 36.9 in. based on 43 years obs. un-weighted. Period of average 1881-1915 Ref. S
" 38.50 " " 30 " " entire 1927-57 " " 196-50
File No. 660553/26

Diameter ...	8"				576	318						
Height ...	1' 6"		3' 6"	1' 6"		1						
Altitude ...	240'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means 1881-1915	
January ...	3.94	3.92	1.73	4.65	2.07	3.77	2.27	2.79	2.47	5.66	33.27	
February ...	3.25	1.31	1.30	2.67	1.21	.41	2.69	5.89	.38	2.24	21.35	
March ...	4.46	1.70	1.21	2.15	1.31	1.19	2.40	1.32	1.47	1.14	18.35	
April ...	2.30	3.92	2.75	.91	2.10	2.14	.32	1.05	2.36	1.86	19.71	
May ...	2.21	2.24	2.34	2.39	2.59	1.65	1.40	5.12	1.25	1.68	22.87	
June ...	1.48	3.27	1.62	2.79	2.92	1.87	1.58	4.19	3.11	0.91	23.74	
July ...	3.01	2.49	4.53	5.26	1.00	4.34	4.80	3.04	3.73	5.33	37.53	
August ...	3.75	5.59	4.26	5.27	1.01	10.61	5.20	4.99	.60	4.03	45.21	
September ...	2.96	3.71	4.27	5.86	2.83	3.68	6.71	4.13	.47	3.20	37.82	
October ...	.98	2.92	1.91	7.44	2.31	2.26	5.28	3.66	4.26	2.68	33.70	
November ...	7.71	2.12	5.00	6.04	1.76	1.55	1.59	1.57	5.31	7.08	39.73	
December ...	8.46	3.35	1.79	4.54	4.19	3.94	4.52	3.30	6.46	3.94	44.49	
TOTALS ...	44.57	36.54	32.71	49.97	25.30	37.41	38.76	40.95	31.87	39.75	377.77	
	D	D	D	D	d	D	D	D	D	D		

Ins. 8.10.53 G. sound but rain distorted (8.05 in & 7.90 in). Measure flat. Continued. New one recommended: G. set in cylindrical pipe in garden - rain 3" above ground. A better site indicated 30 yards SW of present site.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference SD621292

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Hoghton	2 m. S.W.	Samlesbury	2 1/4 m. W

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	-	D25-30	✓	✓	